2017 HURRICANE SEASON: OVERSIGHT OF THE FEDERAL RESPONSE

HEARING

BEFORE THE

COMMITTEE ON HOMELAND SECURITY AND GOVERNMENTAL AFFAIRS UNITED STATES SENATE

ONE HUNDRED FIFTEENTH CONGRESS

FIRST SESSION

OCTOBER 31, 2017

Available via the World Wide Web: http://www.govinfo.gov/

Printed for the use of the Committee on Homeland Security and Governmental Affairs



U.S. GOVERNMENT PUBLISHING OFFICE ${\bf WASHINGTON} \ : 2018$

29-658 PDF

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2017 HURRICANE SEASON: OVERSIGHT OF THE FEDERAL RESPONSE

TUESDAY, OCTOBER 31, 2017

U.S. SENATE,
COMMITTEE ON HOMELAND SECURITY
AND GOVERNMENTAL AFFAIRS,
Washington, DC.

The Committee met, pursuant to notice, at 10:03 a.m., in room SD-342, Dirksen Senate Office Building, Hon. Ron Johnson, Chairman of the Committee, presiding.

Present: Senators Johnson, Lankford, Hoeven, Daines, Carper,

Tester, Heitkamp, Peters, Hassan, and Harris.

OPENING STATEMENT OF CHAIRMAN JOHNSON

Chairman Johnson. Good morning. This hearing will come to order.

I would like to say, on the one hand, it is nice to see Senator Carper acting as my Ranking Member, but the circumstances are unfortunate, to say the least. Senator McCaskill's husband is in the Intensive Care Unit (ICU), and so Senator McCaskill is with him in Missouri. So. we certainly want to send them our thoughts and prayers, for Claire, for Joe, and for their family members as well.

Senator Carper. I would just mention to our Chair, I texted with Claire last night to see how he is doing. Apparently, he had a massive heart attack, a very serious heart attack, and he had, I think it was, an internal defibrillator that may have saved his life. And, there are still blockages to worry about and I think some additional surgical work that needs to be done. So, to what the Chairman said, we will keep him in our thoughts and prayers.

Chairman JOHNSON. Thank you.

I also want to thank our witnesses, not only for being here, for your testimony, and for what you are about to answer in terms of our questions, but really for the last $2\frac{1}{2}$ months. I have been to the Federal Emergency Management Agency (FEMA's) Response Center. I have talked to the men and women that are working with you, I think doing an extraordinary job, working 12-hour shifts, 7 days in a row, for literally weeks, months on end. So, this has been unprecedented starting back in late August with Hurricane Harvey and then Hurricane Irma and then Hurricane Maria within literally a span of 30 days. We just have not seen anything like this. And, I think it is pretty heartening, really, after Hurricane Katrina, the lessons learned, a lot of those lessons have been put into place and used to rather great effect. But, when you have hurricanes and disasters of this magnitude, you cannot just snap your

fingers and make it all well again. This is going to be a recovery effort that is going to go on for years, but I think the response—and I think we will hear that in testimony today—has really been quite extraordinary. Nothing is ever perfect. You can always have continuous improvement. But, again, I think the men and women that work with you in all of your agencies really need to be commended, and I think in terms of your management of them, that also needs to be commended as well. So, again, I thank you, and I think this Committee thanks you as well.

This will be what I consider the first in a series of hearings. It really from my standpoint started with the high-risk hearing when I asked Inspector General (IG) Roth to take a look at the problems in FEMA grant lending, how we spend money in emergency situations, what kind of controls. And, Inspector General Roth responded very quickly, in a June 2nd, a letter to me made a number of recommendations which we have turned into a piece of draft legislation, working with Senator McCaskill, also Senator Daines, and anybody else on this Committee who wanted to start working with us on that. We have been talking to appropriators on how to potentially marry that with some of the emergency funding requests, the supplemental funding requests that we are passing here.

We are spending a lot of money, and it needs to be controlled, and I think the issue with Whitefish—and I am sure we will get into that—is just Exhibit A of how careful we need to be in terms

of how we spend the taxpayers' hard-earned money.

I certainly see with Director Long's testimony, we do need to review and lay out FEMA's proper role within the emergency management response. It is a subordinate role. If we can quick put up the chart¹ there. Everybody has this as well. This is just a history that was put together I think by the Heritage Foundation. It only goes up to 2011. It just shows the history of FEMA declarations of emergencies, and it is really striking. Back in the 1950s, there were somewhere between 7 and 18 a year. In 2011, a high watermark, 242 Federal disaster declarations or FEMA declarations.

There are a number of reasons for that. Certainly, we continue to build. We have that moral hazard. We continue to build and rebuild in flood zones and hurricane zones, and property values are increasing dramatically. But, also, I think more and more often States are looking to the Federal Government to do what I believe was probably more suited toward State and local response. As a result, it puts a great deal of stress on Federal disaster resources and certainly FEMA, and I am sure, Director Long, you have felt some of that pressure over the last couple days.

So, I think it is appropriate for this Committee long term to really take a look at what is the proper balance between State and local response and the Federal response in these situations. From my standpoint, as much as we can rely on the State in terms of preparation, standing up those emergency centers and the response before these disasters occur, the better off we are all going to be. So, I want to make sure we are talking a little bit about that dur-

ing the hearing.

¹The chart referenced by Senator Johnson appears in the Appendix on page 82.

I did go down to Puerto Rico. I was down there on the 7th, about 2½ weeks afterwards. I will say that my initial response, having flown over in a low-flying helicopter about a quarter or a third of the island, I was first relieved that the property damage was not as extensive as I was expecting it to be. Now, there is no doubt about it, there is devastation. There is property totally destroyed. But, I had seen pictures of St. Martin. And then, just the basic stats, 2½ weeks, 22 of the 23 ports have been opened. More than 70 percent of both gas stations and grocery stores were already open. A third of the roads were open. But, as we flew over, it looked like in excess of 90 percent were clear, but obviously blocked at certain choke points.

Cell phone companies responded pretty appropriately, kind of shared the burden, cordoned off the island, fixed each other's towers. So, it will be interesting to hear what percent the cell phone service is back and operational. All 78 of the municipalities back then were already accessible by road, so the logistics problem was being eased. But, the biggest problem at that point in time was only 12 percent of the electrical power had been brought back online.

So, I returned convinced and I think I continue to be convinced

that the primary problem long term now with Puerto Rico, and even before the disaster, was the power grid. It was weak. It was fragile before the hurricane, and now it is offline, and it is a very complex problem trying to reestablish and maintain the balance of the electrical grid. And, we are going to be spending an awful lot of money, and from my standpoint that has to be controlled. And, what money we spend hopefully can be spent in a manner that we create a more resilient electrical grid that will power a vibrant

economy in Puerto Rico for generations to come.

My last point is I have been in contact with the Chairman of the Financial Oversight and Management Board, and I just received an email or a text from him last night. They met, and I am just going to quick read you the text that I will enter into the record: "The Federal Oversight Board unanimously has asked for a chief transformation officer to take over the administration of the power authority in order to reestablish power as quickly as possible. But, moreover, we must transform the energy sector and ensure lowercost, more reliable power. In order to do that, we have to de-politicize the authority, open it up to competition in order to attract private capital. Puerto Rico does not want to return to D.C. with hat in hand in the future. The person the Board has named is a retired Air Force colonel who has organizational and transformational experience, including management of energy and infrastructure projects." That was signed by Jose Carrion, the Chairman of the Financial Oversight and Management Board. So, they recognize the fact that we have a real problem with the governance of, the public ownership of Puerto Rico Electric Power Authority (PREPA), and, again, that was Exhibit A based on that \$300 million contract, which apparently now has been pulled back with Whitefish.

But, again, I just want to thank the witnesses, and I will turn it over to Senator Carper for any opening statement he wants to

make.

OPENING STATEMENT OF SENATOR CARPER

Senator CARPER. Thank you so much. Thank you for bringing us together, Mr. Chairman. I know a couple of weeks ago Senator McCaskill had called for a bipartisan investigation, scheduling a series of hearings. I am delighted to hear that this is not the last but the first of several.

I want to express as well our thanks and appreciation to those at the table before us, those who work with you, for you, for the

extraordinary work they are doing.

I believe that in the last 100 years or so, we have had a total of 33 Category 5 hurricanes that have struck the United States, 33 in 100 years, and we had literally 2 within weeks of each other this year. Our friends at the Government Accountability Office (GAO) present to each year, as you will recall, a High-Risk List about every other year, beginning of each Congress, of things that we need to focus on, ways that if we did we could save some money. They for years have now been saying one of our high risks is the incidence of extreme weather and the costs that it is imposing on the Federal budget, and the cost here is just extraordinary. And, I think in terms of root causes, we need to keep that in mind.

I am delighted to hear the Chairman mentioned the electric grid in Puerto Rico. I oftentimes quote Albert Einstein, who said famously, "In adversity lies opportunity." And, as bad as the adversity here is, there is also opportunity, especially with respect to the electric grid. Most of the people, as I understand—I have been to Puerto Rico a number of times, as a naval flight officer (NFO) operating out of Roosevelt Roads, as a Governor hosted by Pedro Rossello when he was Governor, part of the National Governors Association (NGA), and just as a family vacation, and was around the island a fair amount. And, my recollection is that most of the power is generated in the south of the island. Most of the people live in the north of the island. Most of the power is generated from diesel power generators and utilities. And it is dirty, it is expensive. The cost for electricity in Puerto Rico I am told is roughly twice what we pay here in the Mainland. And, they have an opportunity. I talked with Governor Rossello yesterday, who I remember when he was basically a teenager. His Dad and I were contemporaries together in the National Governors Association. But we talked about his vision, and his vision would be to move power generation from the south to the north where the people are so they do not have to transmit all that electricity from one side of the island to the other, and not only to use natural gas, bring down the costs. And right now, the diesel fuel comes, I think, mostly from South America, including Venezuela. And, we are not sure that that is a good place to be dependent on. And, the idea of having the ability of large ships to come in with natural gas to the north, to have power generation there, and to also-the Governor said to me his goal in time is to step up, increase their generation of electricity from renewables, including solar and wind and others, maybe including distributed generation of electricity and things like fuel cell-powered generators for electricity, especially to help in hospitals and places like that.

I want to go back to my prepared comments here, if I could. I am proud of our Delaware National Guard. We have had Delaware

National Guard units deployed to Texas, to Florida, to Puerto Rico, and the U.S. Virgin Islands (USVI), and we are grateful to the men and women, not just of the Delaware National Guard but National Guards all over this part of the country that are part of this team effort.

Mr. Chairman, I hope that in the very near future we can actually have the Governors of Texas, Florida, Puerto Rico, and the Virgin Islands before us so that we can hear their perspectives on what worked well, what did not, how we could be more helpful, and maybe even include some mayors. Sometimes we do not want to always hear from people who are going to be critical, but we need to hear folks that are critical as well as people who think that a good job has been done. I always like to say if it is not perfect, make it better, and I think if we could hear from Governors—and I am sure you have this in mind—and some other leaders, that would be helpful.

I think we are at the beginning of a very long and difficult rebuilding effort. The cost of the devastation wrought by these hurricanes may well exceed \$300 billion—more than double the total economic damage of both Hurricanes Katrina and Rita in 2005. We must ensure that the Federal Government is meeting the needs of the survivors of these disasters and, at the same time, ensure that Federal funds, as the Chairman has said, are being used efficiently and effectively. Every dollar wasted is a dollar that will not be

available to help other Americans who are still in need.

We have already started to hear of allegations of programmatic mismanagement and questionable contracts. I am going to just talk about this anyway. It has been discussed quite a bit. I do not think it can be discussed too much. A lot of us were shocked to learn of the \$300 million contract to repair the electric grid that was awarded by the PREPA, to Whitefish Energy. And as you know, a company with two full-time employees that has only existed for 2 years ends up getting a \$300 million contract, heaven help us. That is just unbelievable.

I cannot overstate the urgent need for action to quickly restore power, repair homes and other structures, as well as ensure the availability of safe and clean drinking water for all citizens of the

United States.

I talked about electric generation. I will not go into that further. I am looking forward to going down—I think Senator Murkowski is going to lead a delegation maybe as early as this weekend. I hope that is going to come together, and I would love to be a part of that with her. They have a fair amount of jurisdiction over this, as does this Committee, as does Environment and Public Works (EPW), where I serve as well.

I would finally just say I understand the time under which people can actually apply for individual assistance has been extended maybe to March. Can somebody nod their head on that, if that is correct? I think I heard something—OK. If you would address that when you speak, that would be great. Yes, it says right here: "FEMA last night extended the deadline to March." We are happy to hear of that.

Mr. Chairman, in closing, I just want to say a few words about the obligation that our Federal Government has to help rebuild when disasters strike our country, any part of our country. When extreme weather like this hits, it is scary, it is dangerous, and it is often far more powerful than we imagined it would be. For those of us who have not had the misfortune of living in the path of the worst destruction, it is hard to imagine. I have ridden out hurricanes in a Navy destroyer off the coast, the Atlantic coast. I have flown into monsoons in our Navy P–3 airplanes out in the Pacific Ocean. I got run over by Hurricane Katrina with a bunch of Boy Scouts on a sailboat coming down the coast of Florida during that storm. So, I have had a little bit of a taste of this stuff. It is scary as can be.

But, for the people whose reality has become a nightmare, they just want to know that there is a path to a better and a safer future. Clearing that path is a shared responsibility, though. The residents of Puerto Rico and their leaders, their Governor and others, must do their part, but our Federal Government has a moral obligation to help as well. Like the folks at Home Depot like to say, "You can do it, we can help." And, that I think applies here, too. And, keeping with the spirit of the Golden Rule, let us continue to make sure that we do just that.

Thank you so much.

Chairman JOHNSON. Thank you, Senator Carper.

I would like my full my written statement, entered into the record.1

Senator CARPER. And, if I could make a similar request,² please. Thank you.

Chairman JOHNSON. Without objection.

It is the tradition of this Committee to swear in witnesses, so if you will all rise and raise your right hand? Do you swear that the testimony you will give before this Committee will be the truth, the whole truth, and nothing but the truth, so help you, God?

Mr. Long. I do.

Mr. Salesses. I do.

General Jackson. I do.

Dr. KADLEC. I do.

Chairman JOHNSON. Please be seated.

Our first witness is Brock Long. Mr. Long is the Administrator of the Federal Emergency Management Agency. In this role he leads FEMA's workforce to fulfill its mission in responding to natural disasters and emergencies facing the United States, including the recent hurricanes, Harvey, Irma, and Maria. Mr. Long, I do not know how long you were on the job before Hurricane Harvey hit, but, again, I just want to thank you for what I think is just extraordinary service over the last $2\frac{1}{2}$ months.

¹The prepared statement of Senator Johnson appears in the Appendix on page 45. ²The prepared statement of Senator Carper appears in the Appendix on page 46.

TESTIMONY OF THE HONORABLE WILLIAM B. "BROCK" LONG,1 ADMINISTRATOR, FEDERAL EMERGENCY MANAGEMENT AGENCY, U.S. DEPARTMENT OF HOMELAND SECURITY

Mr. Long. Thank you, Senator. Before I get started, I would like to say that my thoughts and prayers are with Ranking Member McCaskill and her husband.

Chairman Johnson, Senator Carper, as well as the distinguished Members of this Committee, it is a pleasure to be here today. It truly has been unprecedented, and I am here to discuss anything you would like to regarding the response and recovery efforts that my staff has helped to coordinate across the Federal partnership when it comes to all the Agencies that have been involved.

Like me, what I have seen inside my Agency is that I work every day with people who are truly dedicated, that truly come to work every day that want to save lives and help people get on the path-

way to recovery as well as become more resilient.

I have been in office 132 days. For 70 of those days, we have been actively responding to Hurricanes Harvey, Irma, Maria, and the extraordinary California wildfires as well. Each one of these events that I just spoke of could truly be catastrophic events, stand-alone events, but they happened in rapid succession in a 25day period, which is obviously unprecedented.

Chairman Johnson, in regards to this, I think it is important to point out that before Hurricane Harvey hit, FEMA was responding to over 30 different disasters across the Nation in many States that you folks represent, and in addition to those major disaster declarations, we were also responding to over 50 different fire management assistance grant declarations due to the wildfires that are

Now, there are many improvements to be made to ensure a whole community response and that the National Incident Management System continues to grow in a positive way, I do recognize that there are many challenges ahead, particularly when it comes to California, Texas, Florida, as well as the Virgin Islands and

Puerto Rico.

I want to put a couple of things into context about the magnitude of this most recent response. If you start with Hurricane Harvey all the way over to the California wildfires, over 25 million Americans have been impacted—that is 8 percent of the population—in basically a 2-month period or, a 50-day time period. The FEMA search and rescue teams alone saved over 9,000 lives. That is in addition to our Department of Defense (DOD) partners, Coast Guard partners, State and local partners, first responders, neighbors helping neighbors like the Cajun Navy coming from Louisiana over to Houston. Tens of thousands of lives have been saved.

Over 4.5 million Americans have been registered inside FEMA's Individual Assistance Program. To put that number in context, that is greater than Hurricane Katrina, Hurricane Sandy, Hurricane Wilma, and Hurricane Rita combined. It is the fastest we have ever put people into our systems, and we have put over \$2.5 billion in the hands of citizens across the country to start that road

¹The prepared statement of Mr. Long appears in the Appendix on page 51.

to recovery. We cannot make you whole, but we can actually serve as a catalyst to help you recover.

Over \$3.5 billion was expedited in our National Flood Insurance Program (NFIP) immediately to our policy holders. That number is projected to grow to \$16 or \$17 billion just for Hurricanes Harvey and Irma alone.

Since the onset of Hurricane Harvey on August 25, the Nation has worked together with our mass care partners—Red Cross, State and local partners—to shelter over 1.1 million Americans in congregate shelters. The peak population in one night was 200,000. That is unprecedented. We have not had numbers like that ever before.

I also have reason to believe that the commodity mission and the humanitarian mission to Puerto Rico and the Virgin Islands, as well as all of the States, has been one of the largest humanitarian missions in the history of FEMA.

Now, while there are existing response and recovery challenges that need to be addressed, I think Chairman Johnson, in regards to your opening comments, it is important to point out that an optimal response and recovery process should be federally supported, State managed, and locally executed. Each level of government has a very critical role to play, and we have to continue to define what the responsibilities are and what the target capabilities should be.

In the case of Puerto Rico, they were hit by two major hurricanes in rapid succession which created the diminished capacity. Not only were their responders now disaster survivors, but also the ability to respond was also compromised. That puts FEMA as the primary responder and pretty much the first responder, which is never a good situation. When FEMA is the first and primary responder and the only responder for many weeks, we are never going to move as fast as anybody would like, and I recognize that.

Moving forward, we continue to work every day to restore the power. Particularly in Puerto Rico and the Virgin Islands, restoring the power solves a multitude of problems, and it is going to require our partners at the Army Corps working hand in glove with Governor Rossello, who I talk to on a very regular basis. We have to restore the hospitals and medical functions to pre-disaster conditions and consider how to make them more resilient in the future.

Each one of the disaster housing missions is going to be unique, from California all the way to the Virgin Islands, and we are working to rectify those issues every day. Clearing roads, fixing roads, getting rid of debris is also a major mission. There are 3.5 million cubic vards of debris on Puerto Rico alone.

Communications and cell service is something else. I believe we are up to about 85 percent, for example, on Puerto Rico. The retail industry is back up to about 90 percent. The water systems are back up to about 80 percent. So, progress is being made, but we have a long way to go.

I have not had a chance to catch my breath, and do an exhaustive after-action review of all the things that just happened and what we have learned or where we should go, but I do have several ideas. I think as a community we have to streamline disaster recovery programs that are offered from across the Federal Government. We have to simplify them, streamline them, make them easy

to understand, and help our State and local partners understand when to use these things. I will be asking for your help to do that.

We have to implement and ensure survivable communications. We have to work with the private industry to make sure that, as we become more and more attached to our cell phones, the systems that are being implemented are resilient and redundant.

We have to do more pre-disaster mitigation. Pre-disaster mitigation is the key to becoming more resilient and reducing disaster im-

We have to ensure State and local governments, Texas and Florida are the examples, have their own life sustainment commodity capabilities and that the Federal Government is not shouldering the entire burden.

We have to find low-to no-cost ways to prepare our citizens and help our citizens be properly insured. Insurance is the first line of defense, and those who are insured will recover quicker than those that do not have insurance.

We have to ensure that States have baseline level capabilities, that States have their own baseline capabilities to handle individual assistance and public assistance when Federal disaster declarations are not coming to town. And, we also have to do a lot of

work to fix the NFIP program.

These are just some of the things that we have to work on and a multitude of other several more ideas that I have. I am honored

to be here and answer your questions today. Thank you.

Chairman JOHNSON. Thank you, Mr. Long.

Our next witness is Robert Salesses. Mr. Salesses is the Deputy Assistant Secretary of Defense for Homeland Defense Integration and Defense Support of Civil Authorities. In this role he is responsible for the development of policy for defense support of civil authorities and homeland security interagency coordination. Mr. Salesses.

TESTIMONY OF ROBERT G. SALESSES, DEPUTY ASSISTANT SECRETARY OF DEFENSE FOR HOMELAND DEFENSE INTE-GRATION AND DEFENSE SUPPORT OF CIVIL AUTHORITIES, U.S. DEPARTMENT OF DEFENSE

Mr. Salesses. Thank you, Chairman Johnson, Senator Carper, distinguished Members of the Committee. Thank you for the opportunity to testify on the Department of Defense's support of the Fed-

eral response to Hurricanes Harvey, Irma, and Maria.

The Defense Department is a fully committed and critical partner in the national response system. DOD has a long tradition of working with our Federal, State, and local partners in responding to domestic disasters and emergencies. Led by Administrator Long and FEMA, DOD plays a key role in the Federal Government's support to State and local disasters. We also support other Federal partners and departments such as Health and Human Services (HHS), Department of Transportation (DOT), and Department of Energy (DOE) in their role as emergency support function leads.

DOD is well prepared and has forces and capabilities ready to act immediately to sustain lives in the aftermath of disasters. DOD en-

¹The joint prepared statement of Mr. Salesses appears in the Appendix on page 61.

sures a high level of preparedness by continually enhancing our integrated planning, improving our training, and conducting joint ex-

ercises between our Federal, State, and local partners.

In advance of each of these hurricanes, the Secretary of Defense directed DOD to provide full support to life-saving, life-sustaining operations in coordination with our Federal partners. Based on this direction, DOD postured significant capabilities—Navy ships, strategic airlift helicopters, medical teams, and logistics—prior to each of the hurricanes' landfall to assist the citizens of Texas, Florida, Puerto Rico, and the U.S. Virgin Islands.

To date, the Defense Department has responded to over 311 mission assignments from FEMA and our other Federal partners. Using the total force in its response, thousands of Army, Navy, Air Force, and Marine, Active, Reserve, and Guard have responded to these hurricanes.

Under the command of General Robinson, Federal forces conducted search and rescue, evacuation operations, provided damage assessments, surveyed and made repairs to open airports and seaports, cleared critical roadways, transported life-sustaining commodities of food and water, provided fuel distribution, conducted assessments of civilian hospitals, and provided medical support to include evacuating patients back to the continental United States.

Additionally, U.S. Transportation Command (USTRANSCOM) has flown over 2,800 flights over the last 60 days in support of these hurricane operations, with over 1,900 flights in support of Puerto Rico and the U.S. Virgin Islands, transporting urgent first responders like FEMA's Urban Search and Rescue Teams (USAR), HHS' Disaster Medical Teams, relief supplies and equipment, and evacuating hundreds of residents and patients.

The Defense Logistics Agency (DLA) has provided millions of gallons of fuel, over 850 generators, more than 100 million meals, and

millions of liters of water and life-sustaining commodities.

The U.S. Army Corps of Engineers (USACE) conducted flood mitigation operations in Houston and Puerto Rico, conducted maritime port surveys and openings along with the U.S. Coast Guard (USCG), installed temporary roofs to enable people to stay in their homes, provided temporary emergency power to over 550 critical facilities—these included hospitals, fire stations, police stations, and other municipal buildings—and, more significantly, continues to work to restore Puerto Rico's electric grid to its pre-storm status, a new and unique mission for the Corps of Engineers in its role under the Stafford Act.

Our military services at the installation level also provided critical transportation, logistics, and medical services to local officials and their communities under immediate response authority. And, thousands of Army and Air National Guard personnel working with the respective Governors from the affected States and the supporting States conducted search and rescue, evacuation operations, commodities distribution, and other critical support operations. The men and women of the Defense Department, military and civilian, were ready and acted with a great sense of urgency in responding to Hurricanes Harvey, Irma, and Maria.

Chairman Johnson, Senator Carper, and distinguished Members of the Committee, thank you for the opportunity to appear today. I look forward to your questions.

Chairman JOHNSON. Thank you, Secretary Salesses.

Our next witness is Major General Donald Jackson. General Jackson is the Deputy Commanding General for Civil and Emergency Operations for the U.S. Army Corps of Engineers. General Jackson oversees the work of the Army Corps in responding to major disasters such as the major hurricanes that recently hit the United States. General Jackson.

TESTIMONY OF MAJOR GENERAL DONALD E. "ED" JACKSON, DEPUTY COMMANDING GENERAL FOR CIVIL AND EMERGENCY OPERATIONS, U.S. ARMY CORPS OF ENGINEERS, U.S. DEPARTMENT OF DEFENSE

General Jackson. Chairman Johnson, Senator Carper, and distinguished Members of the Committee, my name is Major General Ed Jackson, Deputy Commanding General for Civil and Emergency Operations, U.S. Army Corps of Engineers. Thank you for the op-

portunity to testify today.

The Corps conducts emergency response activities under two basic authorities: the Stafford Act and Public Law (P.L.) 84–99. Under the Stafford Act, we support FEMA under the National Response Framework as the lead Federal agency for Emergency Support Function (ESF) #3, Public Works and Engineering. ESF #3 provides temporary emergency power, temporary roofing, debris management, infrastructure assessment, critical public facility restoration, and temporary housing.

Under Public Law 84–99, we prepare for disasters through planning, coordination, and training with local, State, and Federal partners. We assist State and local entities to support advance measures that prevent or reduce storm event damages, and we repair damage to authorized Federal projects and work with States and municipalities to rehabilitate and restore eligible non-Federal flood

infrastructure to pre-storm condition.

When disasters occur, Corps teams and other resources are mobilized from across the command to assist local offices with their response to the event. As part of this mission, the Corps has more than 50 specially trained teams supported by emergency contracts that perform a wide range of public works and engineering-related support functions that I just described.

The Corps uses pre-awarded contracts that can be quickly activated for missions such as debris removal, temporary roofing, and generator installation. This year, the Corps supported FEMA-led Federal response and recovery operations in support of multiple

events, including Hurricanes Harvey, Irma, and Maria.

FEMA directed 37 mission assignments to the Corps to assist in Hurricane Harvey response and recovery. Currently, the Corps has 183 employees still deployed. The Corps assisted in temporary emergency power and continues to support the State of Texas with the development and implementation of a temporary housing project management plan. Debris teams led by Corps subject mat-

¹The joint prepared statement of Mr. Jackson appears in the Appendix on page 61.

ter experts continue providing State and local municipalities with debris technical assistance to define requirements and monitor de-

bris removal and disposal operations in 15 counties.

FEMA directed 81 mission assignments to the Corps to assist in Hurricanes Irma and Maria response and recovery. Currently, the Corps has over 1,500 personnel deployed. As of this morning, the Corps has completed about 1,000 assessments and 550 temporary generator installations across the Caribbean. This includes about 250 assessments and 150 generator installations in the U.S. Virgin Islands and 750 assessments and 400 generator installations in Puerto Rico. Under FEMA authority, we are also assisting Puerto Rico with operation and maintenance of critical non-Federal generators across the island.

The Corps has completed over 13,000 temporary roofing installations in Florida and is on track to complete the mission by November 3rd. We also have completed over 6,000 temporary roofing installations across the Caribbean, including over 2,000 in the U.S. Virgin Islands and 4,000 in Puerto Rico. Roofing requirements in both the U.S. Virgin Islands and Puerto Rico have been extensive, requiring additional material and construction support which initially slowed progress. We have adjusted, added capacity, and are

now seeing daily improvements in both locations.

Corps debris subject matter experts provided technical assistance to counties across Florida and Georgia in response to Hurricane Irma and continue to provide oversight to five regions within the Florida Department of Emergency Management. The Corps is working to remove an estimated 1 million cubic yards of debris from the U.S. Virgin Island and 6 million cubic yards of debris in Puerto Rico.

The Corps worked closely with the U.S. Coast Guard, the National Oceanic and Atmospheric Administration (NOAA), and local authorities to open harbors and navigation channels across all affected areas critical to restoring commerce and allowing the flow of commodities and essential equipment to reach affected communities. The Corps worked closely with officials in Texas and Florida to manage local flood control reservoirs during periods of unprecedented rainfall. In Puerto Rico, Corps dam and levee teams inspected 17 priority dams and worked closely with the Puerto Rico Electric Power Authority to stabilize a spillway failure at Guajataca Dam. Additionally, the Corps teams cleared existing outflow conduits and placed emergency pumps to further reduce water levels in the dam yet restore flow to a critical treatment plant that supports the needs of over 30,000 people.

On September 30th, the Corps was given a FEMA mission assignment under Stafford Act authority to assist the Puerto Rico Electric Power Authority in conducting emergency repairs to the power grid itself. The Corps is partnering with PREPA in this effort and has established a General Officer and senior executive-led task force as well as three area offices on the island to oversee work and provide technical assistance. The Department of Energy has embedded experts in our team and continues to assist in our

efforts.

Within 2 weeks of receiving the mission assignment, the Corps awarded contracts for large-scale temporary power generation to

stabilize the grid in San Juan and for additional line repair assets that will assist ongoing efforts by PREPA to complete the mission

as quickly as possible.

The Corps remains fully committed and capable of executing its own civil works activities across the Nation despite our heavy involvement in these ongoing response and recovery operations. We also remain ready and poised to assist any future events as they may occur.

This concludes my testimony, and I look forward to answering

any questions you might have. Thank you.

Chairman JOHNSON. Thank you, General Jackson.

Our final witness is Dr. Robert Kadlec. Dr. Kadlec is the Assistant Secretary for Preparedness and Response (ASPR) at the Department of Health and Human Services. Dr. Kadlec coordinates the Department's medical assistance after a major disaster, including sending teams and medical professionals to affected areas and working with local hospitals. Dr. Kadlec.

TESTIMONY OF THE HONORABLE ROBERT P. KADLEC, M.D., ASSISTANT SECRETARY FOR PREPAREDNESS AND RESPONSE, U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES

Dr. Kadlec. Thank you very much, Chairman Johnson, Senator Carper, and Members of the Committee. It is a privilege to appear before you to discuss our Nation's medical and public health response, as Director Long identified, an unprecedented series of Category 4 and 5 hurricanes that have hit the U.S. Mainland and its territories this season. HHS as well as our interagency partners, FEMA, Department of Homeland Security (DHS), Veterans Affairs (VA), and DOD have pushed many organizational and historical boundaries to save lives and support the communities and people impacted by these storms.

I fully recognize there are regions in Puerto Rico and the Virgin Islands where people are still facing dire conditions. I saw the devastation firsthand and can assure you that HHS continues our response at 110 percent effort and will continue to work as hard as we can until the conditions improve and we can bring people back

to recovery.

Since this is my first time testifying before this Committee, I will just begin with a brief description of this position called ASPR. Sir, in response to your comments, Mr. Chairman, about Hurricane Katrina, the ASPR was created almost 11 years ago in response to Hurricane Katrina by the Pandemic and All-Hazards Preparedness Act. Its objective was simple: to create "unity of command" by consolidating all of HHS public health and medical preparedness and response functions under one person. I had the privilege of being the Staff Director of the Senate subcommittee that drafted this legislation.

ASPR's mission is to save lives and protect America from health security threats. On behalf of HHS, ASPR leads public health and medical response to disasters and emergencies in accordance with the National Response Framework and Emergency Support Func-

¹The prepared statement of Mr. Kadlec appears in the Appendix on page 72.

tion #8, which includes all our Federal partners that are here seated at this dais.

Today the threats facing our country are increasingly diverse and more lethal. My main objective is to improve national readiness and response capabilities for the 21st Century threats, and I am doing that through four key priority efforts: strong leadership; creating a national disaster health care system, as Director Long identified, that is more resilient and capable to the challenges that we face in the future; sustain robust and reliable public health security capabilities that, again, reside at the State and local level and, again, are the backbone of any response to any future disaster circumstance; and then, last, advance an innovative medical countermeasure enterprise.

During Hurricanes Harvey, Irma, Marie, and Nate, their severity and near simultaneity created unique challenges, especially in Puerto Rico where no place, no person, no life was untouched. During my trip there, I was overwhelmed by the resilience of our fellow citizens who are making do in extraordinarily difficult situations that continue to improve over time because of the extraordinary efforts of the people and the people in the agencies that are rep-

resented here today.

Our response strategy for health emergencies has been three-fold:

First, save lives, principally through the deployment of our disaster medical assistance teams. You should be proud to know that I met with your fellow citizens from your States during my trips down to Florida, Texas, and to Puerto Rico, where folks from Oklahoma, from Wisconsin, from Delaware, and from New Hampshire were aiding their fellow citizens firsthand.

Second is to stabilize the health care system, ensuring with FEMA such very important activities such as uninterrupted fuel supplies, potable water supplies, could be delivered to not only hospitals but to dialysis clinics to ensure that these vital systems stayed in place.

And, last, restore health care services that need to be recovered

to pre-disaster levels.

In Puerto Rico, frankly, we are still responding. In other areas recovery is underway. In order to save lives, as I mentioned, ASPR activated the National Disaster Medical System and deployed more than 2,900 medical personnel from 21 States and hundreds of other Federal employees, including U.S. Public Health Service Commission core personnel.

For each of these storms, we deployed teams even before the hurricanes made landfall so they were ready to respond immediately once the storm passed. In total, we have cared for more than 22,000 patients in affected States and territories, 12,400 in Puerto Rico alone, and sent 950 tons of medical equipment and supplies to these affected areas.

I am happy to answer any questions you may have, and thank you again for the opportunity to appear before you today.

Chairman JOHNSON. Thank you, Dr. Kadlec.

I would like to start with Administrator Long. Mr. Long, you talked about you are in a real kind of danger zone when FEMA is in charge of first responding, when you are no longer subordinate

but you are leading the whole effort. Can you just describe really how it is all supposed to work and why that is a problem?

Mr. Long. Sure. So, if you look at the Stafford Act, the Stafford Act is designed to support State and local efforts. And, the way disaster declarations work is that when a local government's capacity has been exceeded, they call upon county-to-county mutual aid first or other mutual aid agreements to see if they can mitigate the disaster and the response.

If that is not an option or if that is not working or the capacity has further been expanded, then they will call upon the State. The Governor will issue a State of emergency, and then the State will try to rectify as much as they can of the disaster. And then, once that has been exhausted or the State recognizes that it is beyond their capacity, they call upon the Federal Government, and we begin to mobilize.

In many cases, you have seen the National Incident Management System in the whole community work, and the successful model was in Texas, it was in Florida, and it is now in California. While everything never runs perfect, for the most part it is operating as it should.

What we have to do in regards to Puerto Rico, Virgin Islands, and other island territories is to ensure that they have the management infrastructure in place at both the State and the local level, and that we can also make sure that we have survivable communications. Anytime we lose communications and completely black out like we did in Puerto Rico, it is hard to obtain situational awareness and fully understand what the true response and recovery needs are.

Chairman Johnson. You have only been on the job for 132 days, but I guess who is keeping track? Apparently you are. But, you have been involved in disaster response for many years. Has there been a shift, have we created moral hazard? Is there a growing reliance on the Federal Government being that first responder and being primarily responsible as opposed to being subordinate?

Mr. Long. That is a great question. I believe that would be in pockets. Some of the States are very capable States, and then there are some States where I believe, for example, maybe we need to take a look at which States actually have rainy-day funds and actually have mechanisms to be able to implement their own individual and public assistance programs when Federal disaster assistance is not coming.

I also believe that many States or several States have their own ability to run life-saving commodity capabilities. They have the ability to handle the first 72 to 120 hours, where other States or island territories have not addressed those issues. And so, I think we do have to go back and reestablish with our State and local partners what is the baseline effort that should be there and clearly put forward those capabilities to make sure that we are prepared to backfill

One of the things I want to do is I want to develop State integration teams. I want to move beyond my regional offices that I have and put full-time staff in with the State agencies and island territories to make sure that we are truly doing real integrated planning on a daily basis, that FEMA is a part of the conversation

every day so that we fully understand how to support all Governors

when called upon directly.

Chairman JOHNSON. That might be a pretty good action item here, when you have time go back and really do a State-by-State, territory-by-territory assessment in terms of their emergency management system, whether it is funded, whether it is prepared. We

will note that.

Finally, as I left Puerto Rico, to me it was just all about power, power, and power. You have got a disaster, you have a crisis already, but it will grow if we do not establish power. So, I would like to ask the Administrator and also the General, where are we at? What are the prospects of reestablishing power? What do we have to do?

Mr. Long. So, right now I am exercising under the Stafford Act emergency authorities, which is why we mission assigned the Army Corps of Engineers. It was the right thing to do initially because of the diminished capacity on the island. They are mobilizing under emergency authorities to rebuild the grid to U.S. code standards.

The discussion that needs to be taken after that is how do we build a power grid that is resilient. That is going to require authorities far greater than the Stafford Act affords me at FEMA. Typically what we have to do is restore to a pre-disaster condition, but, obviously, that is not optimal and not the way I would ever recommend this country to go. We do not want to be back in this situation again after having this disaster and an opportunity to

change it. I will turn it over to General Jackson.

General Jackson. Mr. Chairman, first of all, I think the grid today is slightly over 33 percent restored based upon the basic load that it had before the storm. There is incremental progress that is being made. The line repair and the restoration activities that have been done up to this point have been done by PREPA, and the Corps of Engineers has done a few things in terms of getting personnel on the ground. We installed a 50-megawatt generator at the Palo Seco Plant just within the last week that helped stabilize the grid in the greater San Juan area, and it added about 40 megawatts to the system today and yesterday, which has been very helpful in upping the power.

We are approaching this in a number of different ways. First of all, we have the normal authorities that the Corps of Engineers has under the Stafford Act or ESF #3 temporary emergency power, which are generator installations. What we have typically done is come into an affected area and will install generators. Then we will take them out as the power grid comes up. And, the power grid restoration activity is usually handled by the local public utility and sometimes augmented by other capabilities outside the State.

In this particular case, PREPA chose not to activate the type of normal arrangements that are used by the Public Utility Association, and so FEMA turned to the Corps of Engineers to help PREPA with the restoration of the grid based upon the emergencies that it created.

What we have done up to this point in order to do that is to continue our ESF #3 temporary generator installation mission. We are almost at 400 temporary generator installations at this point today, and those generator sizes range from 40 kilowatt all the way up to 1.5 megawatt, and those get installed at critical facilities that are prioritized by FEMA and by the Commonwealth, and that is typically hospitals, wastewater treatment facilities, communications platforms, schools, and other places. And, we will continue to

do that as the grid continues to come together.

We have also worked very closely with PREPA, and, again, just to remind everyone, we got this mission assignment on September 30th to do the grid restoration in Puerto Rico. We have been doing emergency temporary power since Hurricane Irma hit on September 6th. That mission started then, and we have gradually increased our capability to do more and will continue to do so as long as we need to.

We awarded a contract for the 50-megawatt generator to help stabilize the load in San Juan and get more people power more quickly. Since September 30th, we have also worked very closely with PREPA to get an understanding of what material they needed to do this grid repair mission. That has been a very arduous effort because PREPA did not have a real good handle or understanding of what they had in their laydown yard, so we had to go physically from place to place to count how many poles they had, how many spools of wire, transformers, and the like. We have placed things on order, and we have worked very hard, through multiple venues, to get the material moving toward Puerto Rico, and that is happening as we speak today.

We also went through the process of awarding contracts. We are unable to enter into mutual assistance agreements like the public utility could. A mutual assistance agreement that is entered into by a public utility is very similar to what we award for our debris and our temporary emergency power contracts. They are on the shelf ready to award. They can be awarded right away.

For the contracts that we have awarded to prime vendors at Fluor and also PowerSecure, we have had to go through a competition process and, of course in accordance, with the Federal Acquisition Regulation to award contracts, and we have done that. We have 150 contractors on the ground today, aside from the 450 Corps of Engineers employees that are dedicated to the power mission. By the end of the weekend, those numbers will rise up about another 500, and by the middle of November we should have about 1,000 people on the ground.

We are moving very fast to mobilize the line crews that we need to continue the effort in support of PREPA. And, the milestones that we have been given by the Administration initially were 30 percent by the end of October, which we are there now, thanks in part to a lot of the hard work that PREPA is doing, and our next goal is 50 percent of pre-storm load by the end of November, and

that is the goal that we are shooting for right now.

Chairman JOHNSON. Thank you, General Jackson.

By the way, let us go 7-minute rounds. I know there is a request for two rounds, which we can do if people stick around, but we also have to be mindful of time. Senator Carper.

Senator CARPER. Thank you. Thank you very much for your testi-

mony and all you have had to offer.

My wife, Mr. Long, is a graduate of Appalachia State University. Her Dad taught math and physics there for 40 years. As I recall, you went to undergraduate and graduate school at Appalachia State University. She asked me to tell you the Mountaineers are proud of you. And, I recall meeting your wife and I think your children at your confirmation hearing, and to your family and to the families of everyone who each of you represent, whether you happen to be at FEMA or part of the Army Corps or the health folks, I just want to really convey our thanks to them for the support they are providing for their loved ones to enable them to help people in dire straits.

I want to stay with the issue of energy. I am a recovering Governor. I have thought a lot about how to provide a nurturing environment for job creation and job preservation, and energy is a big part of that. Affordable energy, reliable, dependable energy is a huge part of that. And, they do not have affordable energy in Puerto Rico. They did not have it before, and obviously they do not have reliable or dependable energy today.

I said earlier that in adversity lies opportunity, and in my conversation with the Governor of Puerto Rico yesterday, we talked about the situation they have now with power is generated in the south of the island and most of the people live in the north. They use mostly diesel to provide power for the electric grid. The electric grid is badly damaged, and they still have this reliance on oil, a

lot of which comes from South America.

When I look around the world, one of the smart energy programs involves natural gas where it is cheap and supplement that with renewables. And, when the wind does not blow and the sun does not shine, bring up the natural gas and provide the electricity in a cost-effective, cleaner way than we would get from diesel or other fossil fuels.

Let me just ask—and I said earlier the Governor said to me yesterday eventually he wants them to increase their dependence on renewable forms of energy to as much as 30 percent. That is his goal. And, let me say I embrace his goal. I embrace this goal. How do we make this happen? And, how can we help make this happen?

Mr. Long. I will take a shot at that first. Again, my authorities are limited to the Stafford Act. And, one of the issues that we are coming into and one of the issues that the Army Corps is facing is the recognition that the age of the infrastructure on Puerto Rico, I believe, the power plants, was close to—over 40 years average age. Worldwide, the average age of power plants is about 18 years. So, there is a big discrepancy there, and in many cases I think what we are running into in the complexities is some deferred maintenance issues and different things.

And so, if you put all of that aside, what I have the authority to do under emergency essential services is basically to get the power back up and running to prevent further loss of life and pub-

lic health events from occurring.

In regards to building innovative, more energy efficient—

Senator CARPER. And, I might add more resilient.

Mr. Long. Right, resilient. Definitely more resilient. I think we all agree that that is probably what is needed. But, the authority for me to spend taxpayer dollars to do that, I am not so sure that I have. And, that is something that I would ask this Committee to take a look at.

Senator Carper. General?

General Jackson. Thank you, Senator. Just a couple things. Everything that you said was right about the preponderance of the power generation being-

Senator Carper. Note this. I rarely say everything right. [Laugh-

ter.]

General Jackson. Most of the power generation is on the southern part of the island, and most of the population densities are on the north. So, the north-south transmission lines are critical. About half the power plants that are on Puerto Rico are fossil fuel; the other half are a combination of wind and solar.

The Department of Energy has taken a hard look at that. What they have on the island right now produces or is supposed to produce about 5,200 megawatts of power. They really only use about half that. So, there is a lot of room to address maybe fewer more efficient power plants that produce the right amount of power with the right type of fuel to service the requirement that exists on the island today. The Department of Energy has been thinking about that, and they have been looking at that. They have been working very closely with PREPA to help understand what some of their challenges are, to make recommendations to the Administration and to Congress on things like-how much load do they really need and how much redundancy do they need in the system? And, how do they build additional capabilities to balance that load across all the demands in the system? How do they modernize the system to include the hardening of the system, to improve resilience? These are things that the Department of Energy has ideas on that they have shared with me and I know that they are working as part of a FEMA report that will have some recommendations, or maybe what a long-term solution might be for power.

DOE is really looking at that hard. They have some real smart guys that are there on the ground with us going through the work that we are doing to help guide us and make sure that we are doing the right things. Ultimately, they are also looking at what is the right way ahead for the future of Puerto Rico so they can make

those informed recommendations to the leadership.

Senator Carper. You mentioned DOE has some really smart guys on the ground. My staff and I would like to be able to reach out to them and to talk with them. For the record, we are going to ask you to provide those as soon as possible (ASAP), the contact information for those folks.

General Jackson. Yes, sir, I will.

Senator CARPER. That would be great. Thank you.

Usually it takes weeks, if not months, for a full assessment of damages to be made and an estimate of the total cost to rebuild. I would ask really for everybody, how far along are you in the process for Texas, for Florida, for Puerto Rico, and the U.S. Virgin Islands? When do you expect those complete assessments of needs to be ready? We are expecting a third supplemental appropriations bill, but will the Administration be making additional emergency supplemental requests to assist those communities as further assessments are completed?

Mr. Long. Well, first of all, I want to thank the Senate and the House for responding very quickly to every request for emergency supplementals. I know that my guys have been working around the clock to make sure that you guys stay informed of when we believe that we are bumping up and running out of disaster relief funds. So, I truly do appreciate it. We have asked for three supplementals,

if I remember correctly, this year alone.

In regards to the Virgin Islands all the way to California, each one of the States or island territories is in different stages of the recovery, but each one of these is going to be a tremendous long recovery. It is going to be a long haul for each one. For example, Texas and Florida are obviously still focused on recovery housing and making sure that we provide people with a proper place to stay as the rebuilding begins, as well as debris removal. California is in the same boat as well, but there are still some sensitivities in the State of California when it comes to hazardous materials and then associated with the debris, but also with rainfall, when you burned off the vegetation, making sure that we mitigate against watershed issues that come into play as well.

So, everybody is in different stages, but the long-term recovery is going to be long. I do not think we have a good handle on the total cost of this, but you can rest assured that my guys will be in touch with your staff members to make sure that we do not fumble the ball when it comes to disaster recovery. And, we will do our

best to also take care of taxpayer dollars every day.

Senator CARPER. Thank you. If I could ask the other witnesses

to briefly respond to the same question, please. Thank you.

General Jackson. Senator, I will only comment on the power grid for Puerto Rico. We are still assessing the damages. We received initial reports from PREPA when we first were given the mission assignment, and we found that the damages were not necessarily as great as they had originally reported. But, what we have to do is put people on lines and make sure that, just because the line is not laying on the ground does not mean it is operable. We are in the process of doing that now, and we will probably be doing that as we do the repairs for the next several weeks, and we will be able to put together, I think, a much better assessment of what the overall cost to repair the grid to the standard that we are seeking under the Stafford Act in very short order.

Senator CARPER. I am going to ask questions for the record. I am going to re-ask the same question and ask you and your staffs to respond to that question. All right? Thank you. Thank you very

much.

Chairman Johnson. Again, I really appreciate the number of Members here. I bumped the questioning up to 7 minutes, and I want Members and witnesses to stay within that 7 minutes as close as possible, just out of respect of everybody. Senator Tester.

OPENING STATEMENT OF SENATOR TESTER

Senator Tester. Will do. Thank you, Mr. Chairman.

First of all, I would just tell you I appreciate this document. I appreciate it a lot. I think that this is an instructive piece of information, and it is instructive because what it tells me is that we are going to continue down this road until we start looking at root causes. And, I know we never, ever want to accept the fact, because it is a bit uncomfortable, of what we do with a changing climate.

But, when we have towns evacuated in Montana in the middle of October due to wildfire, we have some major things that Mother Nature is telling us. And, if we do not address it, we are really not doing our fiscal fiduciary responsibility.

First of all, I want to start out by saying, Brock Long, I think

you are doing a great job.

Mr. Long. Thank you.

Senator TESTER. You came in under difficult circumstances and getting pounded and pounded and pounded, and I think that you have really put your shoulder to the wheel and worked as hard as you could in a very difficult situation. So, I want to express my appreciation.

A couple of things. In your testimony you talked about 3.5 cubic yards. Was that million cubic yards of debris on Puerto Rico?

Mr. Long. 3.5 million, but it may be off.

Senator Tester. 3.5 million?

General Jackson. 6 million is what we are tracking.

Mr. Long. That may be in older numbers, so the numbers are

changing.

Senator Tester. OK. You also talked about pre-disaster mitigation in your opening remarks, and I think the savings is for every \$1 in pre-disaster mitigation it saves \$4 on disaster on the back side. I do not think we are spending enough on mitigation, and I think your testimony implied that. Do you have any ideas on what we need to do to address this issue.

Mr. Long. Absolutely. The problem with the way the system is established is you have to get hit to have an extraordinary amount of post-disaster hurricane mitigation program grant funding. I believe that is not the right way of doing business. Specifically, Section 404 in the Robert T. Stafford Act dictates how money is formulated or provided for mitigation purposes. The 404 money—it would be amazing if we could work with the Senate and this Committee to move that to the front side, to offer up—on average, I believe we put out \$700 or \$800 million in post-disaster mitigation funding. Why are we not doing that on the front side and get it out of recovery, reduce the complexities of recovery, and put it up front?

I do not know what the right mix is. I do not know what the right amount of money to make a real dent in it is. But, it has to be not only money up front, but I do believe that the key to resiliency is held at the local level of government, with elected officials, smart land-use planning, building codes, different things, and making sure that there are redundant systems that are in place. It is going to have to be a whole community effort on the pre-disaster side. But, if we could move that 404 funding to the front side of disasters—and it will not be an easy move—I think it makes perfect sense, and I think we can all agree that that is what needs to be done.

Senator Tester. OK. Well, that is good. If you have any language that you could forward to this Committee and the Subcommittee on Homeland Security on Appropriations, I would certainly appreciate that.

Mr. Long. Absolutely.

Senator Tester. Because I think that it is a no-brainer.

Major General Jackson, you said you were assessing the grid in Puerto Rico. Are you about done with that assessment? I guess I will ask the question, and you just tell me if you can answer it or not. Is it shot? Is it 90 percent shot, 95 percent, 100 percent? Where is it at? I mean, I am talking about done, start over, rebuild.

General Jackson. The answer to that is no, it is not shot. The initial reports that we got said there was 100 percent damage to distribution. That is 31,000 miles worth of line. That is not the case. The initial reports that I received said that 80 percent of the transmission lines were shot. That is 2,400 miles of high-volt-

Senator TESTER. Yes? What do you think it is now? I mean, what

do you think it is?

General Jackson. Sir, let me start by just saying as I flew over Puerto Rico a couple of weeks ago, there are a lot of lines that are up visibly; there are a lot of lines that are down visibly. The problem is until you get folks on the ground to see if those lines and the components that make up the line system are operable, you do not really know if the lines is energized. That is what we are doing right now.

We are not doing a full assessment and waiting to do repairs. We already sort of know where we need to go and what we need to

focus on.

Senator Tester. So, what I am trying to get here is this: We have been told that the distribution system in Puerto Rico was horrible before the storms hit. Are we doing repairs to a horrible distribution system? Or are we fixing a horrible distribution system?

General JACKSON. Sir, under the Stafford Act, we are fixing the

system to get power out to the people as fast as we can.
Senator Tester. So, when the next hurricane hits, it is not going to knock down everything that was not knocked down in this hurricane, and we are back in the same boat.

General JACKSON. If you have a Category 5 hurricane, unless the lines are buried under the ground, it is going to knock wires down.

Senator Tester. Even if it is new construction?

General Jackson. Even if it is new construction.

Senator Tester. All right. Is there any effort to talk about maybe developing generation so that the distribution is not as needed? I am talking not only renewable but even conventional

General Jackson. Senator, my understanding is, as Senator Carper alluded, the Governor has an interest in locating the power generation more closely to the population densities that they sup-

port.

Therefore, it would obviate the needs for these long transmission lines across the island, and DOE is taking a look at that to help put together some ideas for the leadership.

Senator Tester. I do not know if you do this or if Mr. Salesses does this, but are you looking at every option, not only carbon based but also solar and wind and geothermal?

General Jackson. Senator, my understanding is DOE is looking at what the most efficient, modern, appropriate system would be for Puerto Rico to make those type recommendations.

Senator Tester. OK. Do you guys know anything about PREPA?

General Jackson. Senator, I know some things about PREPA, but

Senator Tester. Well, here is what I want to know about. It is a nine-member board that I should be tickled pink that they gave a contract to a company in Montana. But, as you look at the situation, two people have been in business 2 years, never done disaster work before. What kind of people are on this board? No-bid contract. I mean, I got to tell you something. If it was any of you guys, if it was you, Brock, I would not have started out saying you are doing a great job, I will tell you that. OK? Mr. LONG. Right.

Senator TESTER. So, I do not understand what is going on here, and I do not understand where the accountability is. We have a Federal Financial Oversight Board. Maybe they are not doing their job. But, somebody is not doing their job. Would you agree? I see some head nods.

Senator Harris. Let the record reflect. [Laughter.]

Senator Tester. Thank you very much.

Chairman JOHNSON. There is a governance issue. There is no doubt about it. Senator Peters.

OPENING STATEMENT OF SENATOR PETERS

Senator Peters. Thank you, Mr. Chairman. And, thank you to each of you for the work you are doing in these disasters. Unfortunately, given what is happening with the climate, we may be seeing a lot more of these disasters, bigger, stronger, and increased frequency. So, it is important that we take lessons learned from what we have seen here and understand that we are probably going to have to be applying them again and again going forward.

Mr. Long, my time is short today, but I wanted to just alert you that I sent a letter to you yesterday in my capacity as the Ranking Member on the Federal Management Oversight Subcommittee of this Committee, and in that letter I asked a series of detailed questions about FEMA's response to Hurricane Maria and the humanitarian crisis in Puerto Rico. I am not going to go into all of those details, but the letter is going to you. I hope to have your commitment to get a quick response because I am sure our Subcommittee will have further hearings on this matter, and it will be helpful to frame that discussion.

Mr. Chairman, if I could just have that letter entered into the record?1

Chairman JOHNSON. Without objection.

Mr. Long. Absolutely, I am aware, and we will respond very quickly.

Senator Peters. I appreciate that, Mr. Long. Thank you.

As many of my colleagues have mentioned, the concern about particularly in Puerto Rico is to make sure that we have sustainability built into any kind of response. And, I know the Stafford Act prevents that from happening in the fact that it talks about limiting rebuilding to the way it was in place when the disaster occurred. You alluded to that as well in your comments. Do you think it is time for us to take a look at the Stafford Act? Would you rec-

¹The letter referenced by Senator Peters appears in the Appendix on page 83.

ommend us taking a good look at whether or not that makes sense given the situation we are in now and what will likely be future

situations given climate change?

Mr. Long. Yes, and I work with my staff every day, and there are definite changes to the Stafford Act that we could consider. But, I would also like to take the time to methodically go through those and submit those, if there are recommendations, not only from my staff at FEMA, but the emergency management community as a whole. I am always for reviewing and bettering processes.

There are opportunities for mitigation as a result of going through this, but rebuilding a grid to the level that we are all discussing here is not within my authority. And, I am concerned about the deferred maintenance issues, already when it comes to restor-

ing and conducting permanent work as it is.

Senator Peters. Well, I appreciate working with you on that, and as we have talked about before, personally some of those disasters that may not be under the Stafford Act, some of which is a disaster we had in Michigan, in Flint, for example, I think there are a lot of lessons learned from that disaster as well that means that we need to take a hard look at the Stafford Act and try to make improvements to make sure the American people get the help that they need when disaster strikes their community.

That leads to my next question, which relates to the long-term nature of these disasters, especially from my experience in Flint, that aid is normally available when the TV cameras are running. Usually, there is quite a bit of aid that will flow once the public media attention is there. The challenge is when the cameras stop covering the event and these folks have to deal with these disasters

for many years in the future.

So my question is: How long do you expect FEMA to be working in the areas affected by these hurricanes? And, do you have the capacity to handle that workload, which is probably going to be over the next decade or more?

Mr. Long. At this point, no doubt about it, when it comes to recovery staff, we are stressed. We are having to rob Peter to pay Paul, as you could say, from other disasters. I think right now we have roughly 26 open disasters that we are working nationwide that do not get media coverage, and so in some cases what we are trying to do is go to more virtual models, and hopefully States are calling upon State-to-State mutual aid to be able to start managing

a lot of their disasters and doing things more virtually.

But, in regards to the most recent four events that we are talking about from the California wildfires to the three major events, it is going to take many years to go through. In some cases, when it goes back to your question on the Stafford Act, we do have Section 428 of the Stafford Act that allows us to move in a more expedited manner and possibly in a more resilient manner, but we have to make some decisions as to whether or not the program is working. It does reduce the number, the sheer number of project work sheets that we have to generate, and it allows us to do work more efficiently. I would like to continue going down that path, but also take a comprehensive look at how we get local and State government to also make sure that they are funding for staff positions adequately, as well.

When it comes to future grants, I would rather have grants to hire and train proper staffing than to buy equipment. And, there may be people that disagree with me in the industry, but you cannot replace human beings, and that is what we need when it comes

to the large amount of disasters that we are facing.

Senator Peters. And, with these large disasters, I know it is still early to get a sense of what the cost will be, which will be very large. I think all of you have referred to the fact that is an ongoing process right now. But, do you have any indication in terms of the hurricanes? How do you think the costs will stack up? Which will

be the most expensive? How would you rank them?

Mr. Long. Well, it is interesting. When you look at Hurricanes Harvey and Irma, I think there are 2.5 million people in Florida alone that have been entered into individual assistance. In Hurricane Harvey, we are still under 1 million. OK? But then, when you look at the impacts to housing, the amount of money it would cost to fix flood-based housing issues is going to be tremendously more expensive than I believe what we may see in Florida.

California is a whole other—as long as I have been doing this, I have never seen a more disturbing disaster in my life, and I think

they lost 6,800 homes in that.

And so, each one is tremendously different, and the costs will vary based on what the services are that are needed. As far as overall costs, I have heard numbers inside from my finance guys saying that we are probably spending about \$200 million a day right now just responding to the four disasters that we are facing.

Senator Peters. And, how would you rank them? In terms of hurricanes, what is going to be the most expensive for us, and the second most? I have heard estimates that Texas will be number one. Is that accurate?

Mr. Long. Probably Texas. Well, I do not know. I take that back, because we are not done with Puerto Rico. We are still trying to uncover that. But, I would believe that right now Texas is probably the most expensive one. But here, again, that is just a pure guess, and we still have numbers coming in.

Senator Peters. And, obviously, with long-term funding, we have to have local government, State government engaged. But, they need to make plans for long-term investments to recover and to make sure that they are sustainable. But, it is difficult for them to do that without knowing the amount of money that is available, isn't it?

Mr. Long. Yes, absolutely. Here again, the money comes mostly—the largest majority of the funding that States interact with FEMA is definitely on the recovery end. That goes back to the predisaster mitigation point. How do you plan to implement mitigation strategies when you have to get hit and you are not sure how much money you are going to come into based on the type of disaster? That is why I think that we have to preplan, take it out of recovery and put it up front so that you can do better visionary planning over the next couple of years to truly mitigate your communities.

Senator Peters. All right. Thank you.

Mr. Long. Thank you.

Chairman Johnson. Senator Harris.

OPENING STATEMENT OF SENATOR HARRIS

Senator Harris. Thank you, Mr. Chairman, for this hearing on hurricanes, and I appreciate the Administrator speaking of California. This hearing is not about wildfires, but I would like to urge that we do everything we can to, as you appreciate, recognize we lost 42 lives in California, and the estimate is currently that we lost 8,900 homes and structures.

On that point, from FEMA there is still—you are doing a great job, the Army Corps of Engineers. I was there. I visited the site. I have met with the families. And, you are absolutely right, it is

devastating to those families and that community.

In terms of FEMA, there is still a need—and I will just put this on your radar—for individual assistance to help cover temporary housing. You mentioned that. It is a big issue throughout the country and certainly in California around affordable housing. I know that FEMA does not have the number of trailers, and they are not on the production line in a way that we can get them to California as soon as they are needed. So, there is still a need for temporary housing, help, and basic essentials like clothing and baby formula. And, from the U.S. Department of Housing and Urban Development (HUD), if you can just pass this on, Community Development Block Grant (CDBG) funding for permanent housing is a big issue. Crop insurance, from the U.S. Department of Agriculture (USDA). And then, from the Small Business Administration (SBA), we need business loans for small businesses that have been destroyed. So, I thank you for that.

On October 27th, through the Environment and Public Works Committee, which I am also on, we sent a letter¹ to FEMA and the EPA and the Army Corps of Engineers asking for information about a timeline and the work that has been completed or is yet to be done as it relates to debris. So, I would like to get an answer to that, and if we can get that within the next week, I would appreciate that. There are about seven specific questions. But, as you are aware and as has been mentioned here, there are millions of cubic feet of debris in Puerto Rico, and it is my understanding that we are looking at debris that is large. It ranges from rooftops to garage doors to refrigerators and couches, debris that the people who live

there cannot pick up and move.

There has also been a compromise to the landfills in Puerto Rico that existed before the hurricanes hit and remain a problem. It is my understanding that FEMA plans to remove the debris, but I am not clear on what the timeline is for actually getting that com-

pleted. Can you tell me what that plan is?

Mr. Long. So, each one of the events is extraordinarily different, and there is no one-size-fits-all approach when it comes to debris removal. For example, the California wildfires, if I may use that as an example, because of the nature of the hazard, you first have to go through and make sure that you remove all the hazardous materials from personal property. Then, obviously, as you said, the number of deaths is projected to go up to over 80, and that is because we are still searching for remains in a very humane manner,

¹The letter referenced by Senator Harris appears in the Appendix on page 88.

trying to make sure that we go through the debris to find remains in the burn area.

After all the environmental piece is done and we correctly go through to look for remains, then a lot of the debris contracting is done at the local level through private contracts. If those contracts fail or the Governor requests FEMA specifically, then we can mission assign the Army Corps of Engineers, which I believe the Army Corps of Engineers has been mission assigned in California, similar to Puerto Rico.

Debris in Florida was done differently. A large majority of that was done at the local level by debris contracts and pre-event contracts that they established. So, each one of these may have different timelines because of the types of debris, but like Puerto

Senator Harris. Yes, what is the timeline for Puerto Rico?

General Jackson. Senator, I do not have an exact timeline for Puerto Rico. We have just started scratching the surface on debris removal. We have run into some really interesting politics within the 78 municipalities that make up Puerto Rico in terms of how they are allowing us to gain access. So, we are in some significant negotiations. Many of the municipalities have come back and said, "We do not really want you to do it. We will take care of it ourselves." So, we are going through that right now.

I will respond to the letter that you sent with a much more defin-

itive timeline than what I just gave you.

Senator HARRIS. I appreciate that. And then, if you could also follow up on this point about what jurisdictions within Puerto Rico are hesitant to cooperate with your efforts so that we can make sure that we do our part to figure out how to get some cooperation. General Jackson. We will do that, Senator.

Senator HARRIS. OK. And, Dr. Kadlec, my understanding is that the debris piles that are occurring in Puerto Rico are wet from the recent rains; they are attracting pests that range from rodents to mosquitoes. And, there is also a concern that the pets that are going there and the rodents that are going there are leaving great amounts of urine that is also seeping into the waterways. Can you talk for a moment about the health risks associated with this accumulating debris?

Dr. KADLEC. Well, ma'am, there are several issues that have to be dealt with in that, and one is the moldy kind of debris that you would be anticipating and, again, fungal growths that would be causing exacerbations of respiratory disease like asthma. Also, you would be very concerned about some of the immunosuppressant effects of certain fungal growths that are out there, people with

immunocompromised situations.

Probably the biggest concern about debris piles is that you find people climbing on them, rooting around in them, so there is likely lacerations, injuries, and infections, soft-tissue injuries that come

Senator HARRIS. And, bacterial diseases. Is that correct?

Dr. KADLEC. Yes, ma'am, bacterial diseases-

Senator Harris. That can lead to death.

Dr. KADLEC. And, the last one you did mention, but I will mention because it is a matter of topical interest, is leptospirosis which is endemic to Puerto Rico. It occurs typically during the rainy season, August through December. There have been some cases already defined or declared and a couple of deaths suspected with that. It is a disease that is remedied by antibiotic therapy. About a week after the landfall of the hurricane, we were working with the State epidemiologist, and, again, everything we do is in support of the Department of Health on Puerto Rico, basically making available courses of antibiotic treatment to basically treat anticipated levels of leptospirosis and other bacterial infections. Typically, leptospirosis occurs in about a couple hundred cases a year. We would expect that to probably go higher than that because of the nature of the events. So, we have provided several thousand courses of treatment for Puerto Rico.

Beyond those kinds of circumstances, you would be concerned about tetanus. We have also made available tetanus vaccines through the Centers for Disease Control and Prevention (CDC) and also have made available 24 environmental health officers to work with the department in Puerto Rico as well as epidemiologists to track not only these kinds of environmental hazards but also the cases that would be associated with it.

Senator Harris. Mr. Chairman, I recognize my time is up. I would like as a follow up from each who has information about the incidents that we are also hearing of people in Puerto Rico drinking water from Superfund sites because of their desperation to get drinking water, and, obviously, there are obvious health risks, huge health risks associated with that.

Thank you.

Chairman JOHNSON. Senator Lankford.

OPENING STATEMENT OF SENATOR LANKFORD

Senator Lankford. Thank you, Mr. Chairman.

Gentlemen, thank you for being here and giving a chance to walk through this. I have a multitude of questions I am going to try to blitz through in a short period of time.

Mr. Long, let me ask you this. This comes back to the preparation side of this. The Biggert-Waters Flood Insurance Program in 2012 required a report every 6 months on how we are doing on the debt? What is happening there? What process do we have to be able to work out of the flood insurance debt? The previous Administration just stopped doing that report at the end of last year, so we do not have that really for 2 years. So, it made it difficult coming into this year and trying to deal with obvious flood issues when we do not have a report for the last 2 years. Do you know when that is planned to restart? I understand full well in the chaos of all that is trying to go with what is happening currently that is probably going to be behind again, but do you know where that is in the process of—

Mr. Long. I do not, but we will follow up directly with you.

Senator Lankford. That would be helpful. You also mentioned in your testimony about trying to interact with private entities in the private sector on flood insurance. Do you have any specific ideas on that, things that you plan to be able to bring at the end of this?

Mr. Long. While the NFIP program is underneath my authorities, I am not an insurance expert when it comes to fixing the NFIP. Going into Hurricane Harvey, if I remember correctly—and this is, give or take a couple million here—we were \$24 billion in debt roughly. And then, anytime you have a massive event—Hurricane Katrina sent it into debt. Hurricane Sandy sent it into debt. Hurricanes Harvey and Irma are going to send it into further debt, which Congress has recognized.

We have to fix the business framework, and it has to require a solution from the private sector. I think the private sector should drive a lot of the market, and if we are going to continue to reward bad behavior by building in flood zones, then there needs to be actuarial risks that are involved. I fully understand the affordability issues, but I also believe that we cannot continue to allow conducting business under the same framework and continue to go

into debt.

I do not want to run a program that goes into debt, so I know what I do not know, and I know that we need the private sector's support. I need your support to figure out the best way forward.

Senator Lankford. So, let us work our way through this, which we understand will be months in the process, and years in many places in the process. But, we do need some help to be able to sit down at the table and be able to figure this out.

Mr. Long. Absolutely.

Senator Lankford. We have ideas that we are bringing to it. Obviously, the practitioners that are working through this are going to have specific ideas. We have to deal with outside private sector insurance. We do not want to create a situation where the private sector creates insurance policies, and then as soon as they have claims, they walk away from it.

Mr. Long. Right.

Senator Lankford. That does not help those individuals. It does not help the Federal Government. There have to be some ways to be able to establish some backstops that will work long term and can provide some affordability. So, I would like to commit that in the days ahead we are going to try to get some ideas worked out and look at a long-term plan. That is not going to be a year to resolve. That is going to be a decade or more to resolve, but we have

to be able to get started on this.

I know with FEMA as well there has been some interaction, and I am not going to press you on this because we have talked about it before. But, it is odd still in Florida and in Houston and in Puerto Rico that if a United Way facility has devastation, or a zoo or a museum has devastation, they can engage with FEMA for help. But, if a mosque, a synagogue, or a church has devastation, they cannot. All of those are nonprofits. But, for those that are considered houses of worship, they cannot engage in the same way. I feel like in reading the law from the 1990s, when Congress said that nonprofits would be included, that is all nonprofits. And, I will be able to continue that conversation in the days ahead with you on that.

Mr. Long. Sure.

Senator Lankford. I know there has been some pushback, which I think is reasonable to be able to ask that question on that.

General Jackson, by the way, your family is doing good? General Jackson. Yes, sir. Thank you.

Senator Lankford. Good. It is good to see you again.

General Jackson. Good to see you, Senator.

Senator Lankford. Thank you for the way you continue to be able to serve the Nation. You mentioned a comment that about half of the power generation of Puerto Rico is from wind and solar and half of that is from fossil fuels. Did I hear that correctly?

General Jackson. Yes, Senator.

Senator Lankford. So, of those that are there, what remains? What was the most resilient? What is still working? What is redeemable of that?

General Jackson. Very interesting, Senator, that you ask that, because I was very surprised when I flew over the renewable sites, the solar and the wind, the actual blades of the wind farms were snapped off, and the solar panels were all smashed. The actual power plants that held up the best were the typical standard power plants, be it the natural gas or coal fired or heavy diesel or what have you. Just the structures themselves held up better than the renewables did based on what I saw.

Senator Lankford. I am not anti-renewable, to say the least, but I think part of the conversation that we have to have in helping Puerto Rico get back on its feet is to look at resiliency long term. So, I want us to be able to look at all of those things as we go through the process, and I know that will be a common conversation around this horseshoe and to be able to figure out how we ac-

tually get them back in place.

I am asking a question that I know is unfair, so I am going to go ahead and tell you up front. We are all concerned about why Puerto Rico did not choose to do mutual aid for their power reconstruction. Texas did, Florida did; other groups when they have experienced it, they ask for mutual aid and engaged. What have you been told why they did not do that? Now, you cannot tell me why. I am only asking what have you been told why they did not ask for mutual aid. And, Mr. Long, the question is coming at you as well next on that.

So, General Jackson, what have you been told why they did not

request mutual aid?

General Jackson. Senator, I have been told that they did reach out at some point for mutual aid, but because it is a cost-shared arrangement and Puerto Rico is in the financial situation that they are in, utility companies were hesitant to engage because there was no guarantee of cost-share payment.

Now, that changed, I believe, when the cost-share arrangement was waived, and then they reengaged, public power utilities reengaged. But, by that time, PREPA had already reached out and had engaged with a sole-source contract, and that is how that arrangement was started. That is what I have been told through mul-

tiple sources, but I obviously do not have any authority-

Senator Lankford. I understand, because, again, I am not asking what they did or why they made the decision, just what you

Mr. Long, is that the same thing you were told as well?

Mr. Long. General Jackson is correct, and I agree with him. Many companies are not willing to engage until there is a guarantee of 100 percent.

Senator Lankford. Right.

Mr. Long. And, the bottom line is that—I spoke with Governor Rossello yesterday. They are going to reengage the Emergency Management Assistance Compact (EMAC) process for power support. I think specifically they are having conversations with the States of Florida and New York. And, the goal is that my Federal Coordinating Officer, Mike Byrne, has requested that PREPA make sure that we are unified with the Army Corps so that we are not working in separate streams but we are working together in a consolidated effort.

Senator Lankford. We will follow up with your staff because I have another question that is a process issue that we will have to just talk through, and that is, at times when FEMA cannot get it done with contracts, you are punting to Army Corps of Engineers to be able to handle any contracts. And, what I would be interested to know is the contracting process. Which one takes longer? Which one is more efficient? Which one has greater cost? At times there is some overlap in between as to who has debris removal, at what level FEMA can handle it, at what level they need to be able to hand it off. For us, that is going to be helpful just to be able to know because those are Federal dollars there. Which one is more efficient? Do we need to buffer one up to be able to correct another one?

Mr. Long. We do not typically contract to rebuild power grids. We mission assign the Army Corps of Engineers who handles the contracts directly to get the job done. The best-case scenario is the example of Florida. Florida Power and Light controls their destiny when it comes to restoring their own power grid and then activating mutual aid, and then FEMA basically serves in a supportive Federal role to reimburse those actions.

Senator LANKFORD. My question will not be specifically on power. It will be on all contracting, whether it be debris removal or whatever it may be.

Mr. Long. Sure. OK.

Senator Lankford. When we have to hire individual contractors, who handles that more efficiently? How does that actually work? Which one takes longer?

Mr. Long. Understood.

Senator Lankford. Thank you, Mr. Chairman.

Chairman JOHNSON. Senator Heitkamp.

OPENING STATEMENT OF SENATOR HEITKAMP

Senator Heitkamp. Thank you, Mr. Chairman. And, thank you to my colleague from New Hampshire for letting me go first.

I have a few questions about the Navy ship Comfort according to the Department of Defense, the Comfort has one of the largest trauma facilities in the United States and is equipped as well as any kind of floating hospital can be equipped. It is capable of treating 200 patients per day with 250 beds available. But, yet we hear over and over again that there are people going without medical treatment. Despite that capability and a staff of over 800 trained

personnel, the Comfort has treated only 100 patients 17 days after arriving in Puerto Rico on October 3rd and 30 days after Hurricane Maria made landfall.

Dr. Kadlec, how many patients have been treated on the Comfort so far that you are familiar with? And, can you elaborate on the challenges that we have had getting patients to the Comfort?

Dr. KADLEC. Sure. I think the last count was 121 as a result of that. But, ma'am, before you make a judgment on that, let me just explain what was the approach using the Comfort as it related to its high-acuity capabilities, of which you are correct in saying there are 200 beds, but there are, more importantly, 50 intensive care unit beds on that boat, and that really was the capability we needed, because, quite frankly, if you looked at the events on the island, we had a Level 1 trauma center at Centro Medico which was the east side of the island.

Senator Heitkamp. So, how many of the patients that were treated aboard the Comfort were actually ICU patients?

Dr. KADLEC. Were high-acuity patients?

Senator Heitkamp. Yes.

Dr. KADLEC. Well, if I recall correctly, over 60. I can get you that number, though, ma'am. But, the point was that we used that as a floating intensive care unit primarily in the bases when we are trying—

Senator Heitkamp. So, it is your judgment that the Comfort has

been fully utilized for the need in Puerto Rico?

Dr. KADLEC. What it did was cover a critical bet that we had, which was based on the risk that hospitals would lose power because the majority of them—in fact, all of them were on generators for a period of time. Now we have 70 percent back on the grid. But, for the time being, when the hospitals were on generators and there was risk of failure before we could put backup-backup generators, we used the Comfort as a place where we could take high-acuity patients, transport them by helicopter, by rotary wing medevac helicopter—

Senator Heitkamp. I get all that, but I think anybody who looks at this—and maybe it is just the news, and I will turn to you, Administrator Long—who looks at the news and says, look, there is this huge medical need, people going without treatment, people at risk of losing their life, we have this incredible asset. This is an island. It is not like the United States of America where you might have something 3,000 miles away. Why does it seem to be, to me,

underutilized?

Mr. Long. So, I appreciate the question, and I understand the frustrations in the question. The goal is always anytime you move medically fragile people, patients, out of a hospital, you take a risk of them surviving that move to begin with. So, the goal is to stabilize the situation in the hospitals, and there was a tremendous effort to do that. Because what we ran into was not only hospitals operating without power, but making sure that the generator actually worked, getting it fuel on a regular basis, and then maintenance of the generator ongoing. These generators are not designed to run for months.

So, what we did is we initiated the Comfort—and, Bob, you can probably talk about the timeline it takes to actually do that. It is

about an 8-day process to even turn the keys on, fuel the boat, get everybody staffed to even mobilize and go to the island. It is a long process. But, the bottom line is we basically set up a 911 system, as I understand, to where in two or three cases a hospital generator would fail, we would move the most medically fragile patients via helicopter from the hospital to the Comfort.

I would argue that it was being utilized very well. Again, the goal is to try to get the hospitals to operate. We are always going to be second-guessed on everything, but try to get the hospitals to

operate and serve patients where they are.

Senator Heitkamp. Administrator Long, I know Senator Tester hit on this, but one of the concerns that I have, given what now has landed on your plate, is that all of our talk about mitigation, all of our talk about preparedness will take a back seat to just dealing with the disasters that you have been handed. We all know based on experiences with Hurricanes Katrina and Sandy, now, we are here for a month and then we leave.

What are you going to do or what recommendations would you make to us in terms of staffing so that you have the capability of actually looking at mitigation and not just dealing with the crisis?

Mr. Long. Sure, and I have been concerned about that because my staff and the coordination through the Federal departments, I mean, tens of thousands of people have been deployed. If you look at the actual number that has been deployed starting with Hurricane Harvey, it has been unprecedented, and I do not have to say that. Unfortunately, I do feel like we are losing a lot of the successes that have actually been implemented as a result of the Post-Katrina Emergency Management Reform Act. A lot of things went right.

So, that we do not lose Puerto Rico, I plan to do an after-action report to make sure that we understand where we are versus where we need to be specifically when it comes not only to Puerto Rico but island territories. I want to go back and hit the reset button.

In regards to staff specifically, eventually I would like to change the entire hiring process of the Federal Emergency Management Agency to adopt a more Federal Bureau of Investigation (FBI)-style academy approach. I would also like to expand my staff out of those regional offices to the States and islands to make sure that we are a part of that discussion every day.

Senator Heitkamp. I think you received an incredible amount of bipartisan support, in part because we understood what role you played in the lookback on Hurricane Katrina. We hope that you will be equally critical of the work that you have done as Administrator.

Mr. Long. Sure.

Senator Heitkamp. But, that you also will collaborate with us in terms of what you need. I think Senator Tester said it best. You cannot look at this and then understand this continues and think that we do not have a huge challenge where we need to look at all hands on deck, what are the requirements that we want to impose on States so that they understand what their role is going to be, so they are not overly dependent on the Federal Government, but that this work is seamless.

And so, I look forward to additional conversations with you and to understanding what you need. But, we cannot give you what you

need if you do not ask.

Mr. LONG. We would be happy to put that ask together, and if I may, each citizen is responsible for their own individual preparedness. We do not have a true culture of preparedness in this country, and we need to hit the reset button and look at how we partner with the Department of Education and give people critical skills. Gail McGovern with the Red Cross said that one in four of us is going to have to perform CPR to someone else at any given time. Are we giving people those Boy Scout-type skills as well as tangible things to understand that they may be the true first responder for an active shooter event, or if your neighbor's house has collapsed upon them. Many times citizens are the first true responder, and we have to start dedicating our public awareness and cultural preparedness campaigns to doing that as well as figuring out what the

Senator Heitkamp. I could not agree with you more. Thank you so much for your hard work and all of you working under very difficult circumstances. We hope that Congress can be an effective

partner for you.

Chairman JOHNSON. And, Senator Heitkamp, real quick before you leave, you may not have been here, but one of the action items I am taking away from here is literally that State-by-State, territory-by-territory assessment, who has prepared themselves? What is the current State so we can determine something in mitigation? We will definitely follow that up with a hearing.

Senator Heitkamp. Yes, Mr. Chairman, the Grand Forks flood was a devastating event. We all pulled our State disaster plan out, blew the dust off of it, and realized that we needed to take that process more seriously. So, nothing like a State disaster the caliber

of this to realign all of our thinking.

Chairman JOHNSON. Yes. So, we will work with you on that. Senator Hassan.

OPENING STATEMENT OF SENATOR HASSAN

Senator HASSAN. Well, thank you very much, Mr. Chair, and thank you all to the witnesses for being here today and for the work you do on behalf of our country. We are very grateful. I have three basic questions, and so I am going to try to move through them quickly so we can get to all of them.

Administrator Long, I want to again thank you for being here today and also for briefing several Senators on a call on September 28th in which you updated us on the U.S. Government's relief efforts in Puerto Rico. On this call you said that the airports and seaports were all heavily damaged. You also added that the road networks were in many cases impassable and that you lacked trucks and personnel to be able to effectively distribute the ample relief supplies you had waiting on pallets.
So, when did FEMA and the Department of Defense first make

the assessment that the damage to the airports and seaports would

encumber the delivery of relief supplies?

Mr. Long. Almost immediately, and that was the logistical complexity of being able to put forward the humanitarian mission. All of those ports were damaged, but it was not just the ports. It was the air traffic control systems that also got those in.

Senator Hassan. So, it was almost immediate. So, when did you make the determination that you would need the full capabilities of the United States military to be able to distribute resources based on that assessment? And, when did you first ask the Department of Defense for the type of assets that were eventually provided for the relief response?

Mr. Long. Sure. And if I may defer here, but let me be clear. We engaged the Department of Defense before Hurricane Maria hit, so there were a ton of assets on the island before the storm hit. But, you can only put so many people and equipment on an island, or you expose it to the storm, and it becomes useless after the fact. So, it is a balancing game, but if I may defer? Senator HASSAN. Sure. Go ahead.

Mr. Salesses. Senator, my name is Bob Salesses. I am from the Defense Department.

Senator Hassan. Right.

Mr. Salesses. As you may recall Hurricane Irma came through first. As you know, it hit St. Thomas and St. John and did a lot of damage. We actually had DOD assets in the area. We had the United States Ships (USS)

Senator Hassan. So, I am just going to interrupt for a second, because on the September 28th call with FEMA and other Agencies, the DOD representative stated that the U.S. Northern Command was working on a plan to mobilize an additional sustainment force to Puerto Rico. Now, that is 8 days after the hurricane hit.

Additionally, according to FEMA's website, on October 1st, U.S. Northern Command delivered approximately 310,000 meals, 150,000 liters of water, generators, tarps, additional sustainment units, and leading components of aviation command and control. Given that it was apparent from FEMA and DOD assessment that both the airports and seaports of Puerto Rico were heavily damaged and that this would cause immense distribution challenges, why did it take until October 1st to deliver aviation command and control to the island? And, why on September 28th was the U.S. Northern Command still working to finalize its plans to deliver a sustainment force? And, when did the sustainment force arrive?

Mr. SALESSES. So, ma'am, to answer that question, again, there is concurrent activity always in these events. As I indicated, we had Navy ships in the area—the USS Kearsarge, the Oak Hill. They had helicopters. They were doing search and rescue capabilities.

Simultaneously, USTRANSCOM, which is responsible for strategic airlift and providing C-17s and C-5s, was flying in assessment teams for airfields. As the Administrator pointed out, a number of those airfields had severe damage, no navigation aids, no radars, those kinds of things. That equipment had to be put in place.

All of this was happening well before the 28th, ma'am. I do not

know where the impression-

Senator Hassan. Well, I will tell you, the impression came from the questions we asked on a conference call on September 28th.

Mr. Salesses. And, there was a lot of military capability.

Senator HASSAN. So, what I would ask is a follow up. We will, of course, have these letters to you directly, some real specifics here, because I think all of us were concerned that 8 days after the hurricane hit, it seemed like we were still having to suggest in that call that the United States military was going to be necessary to help get some supplies distributed because of the impassability of transportation infrastructure.

I do, just because I have a couple of minutes left, want to move on to one other question to Administrator Long. Last week, ProPublica posted a story that stated that FEMA was declining to publicly release a document drafted several years ago that detailed how FEMA would respond to a major hurricane in Puerto Rico. According to ProPublica, FEMA started drafting the plans, known as the "Hurricane Annex," after the lack of preparation in the wake of Hurricane Katrina. ProPublica also found similar plans posted on DOD's website for Hawaii, which detailed an 85-step process to restore electricity on Hawaii in the event of a hurricane.

So, why is FEMA not releasing this document to the public? And, could you please commit to making it public? And if not, will you please articulate what was in the Hurricane Annex and what steps

you followed in the aftermath of Hurricane Maria?

Mr. Long. Sure, Senator. We gave it to the Committee last night, apparently. I was just briefed.

Senator Hassan. OK.

Mr. Long. But, I was unaware of the issue. I would be happy to

follow up with you directly.

Senator Hassan. Well, thank you very much. And in that case, I will also just, before yielding back the remainder of my time, let you all know that—well, actually we have a minute. So, instead of giving this to the record, I did want to touch on the U.S. Virgin Islands and where we are in terms of power restoration and tourism, because perhaps even more so than Puerto Rico, the U.S. Virgin Islands' economy fundamentally depends on the ability of the islands to host tourists from all over the world. The Virgin Islands suffered a direct hit from not only Hurricane Maria but Hurricane Irma as well. These storms knocked out the power across these islands, and the islands cannot expect to begin to reestablish its tourism economy without the restoration of power, to say the least. Yet after more than a month, the U.S. Virgin Islands report that less than a third of the territories have power up and running.

So, what steps are FEMA and DOD taking to restore full power to the U.S. Virgin Islands? And what is FEMA's current estimate

of when 100 percent of the islands will have power?

Mr. Long. So, excellent point. The Virgin Islands were hit equally as hard as Puerto Rico, and the bottom line is that they are basically in the same approach, but there are two different approaches being taken to restore the power, as I understand it. So, where we proactively pushed forward the Army Corps of Engineers in Puerto Rico, the power authority that represents the Virgin Islands is in control and conducting their own contracts and leading their power restoration. The last number I saw was that power should be restored by the December timeframe as well. But here, again, that is just an estimate.

Senator HASSAN. OK. Well, thank you again for your participa-

tion. I appreciate it very much. And, Mr. Chair, thank you.

Chairman JOHNSON. Senator Hassan, let me just brief you what I know about that report you referenced. The Annex is jointly owned by FEMA and Puerto Rico. It was not released because Puerto Rico did not give FEMA permission to share with the media. We got it as a "For Official Use Only" (FOUO) document, which we are happy to share with you. But until Puerto Rico agrees to release it, it cannot be released to the general public.

Senator HASSAN. Well, I would appreciate to see it. I am glad we

have it. And, I will follow up with you further. Thank you.

Chairman JOHNSON. Senator Daines.

OPENING STATEMENT OF SENATOR DAINES

Senator DAINES. Thank you, Chairman Johnson. Thank you for testifying today, Administrator Long, it is good to see you again. I got to tell you, folks out in eastern Montana are very grateful that you listened to our pleas when we had some devastating wildfires that took out much of Garfield County. I think we have seen the criteria for dealing with a rural situation, a rural environment, which much of Montana is, can be a bit different than a disaster that hits one of our urban centers. I want to thank you for your responsiveness and, importantly, for your action, and the folks out in eastern Montana appreciate that a lot.

We had a terrible wildfire season in Montana this past summer. In fact, Secretary Perdue listed the top wildfires in the Nation as ranked by dollars spent to fight them. We shave pent over \$2 billion fighting wildfires this season, and it is still not over yet. The number one fire in the Nation was in Montana, the Lolo Peak fire. The number three fire in the Nation was in Montana, the Rice Ridge fire, just in terms of dollars. So, it was one of those terrible seasons, and, again, thank you, Mr. Long, for what you did in response to help us there in Montana.

Much of the discussion here today has been on Puerto Rico and

the devastating hurricane and the loss of the electric grid.

Mr. Long, I will tell you, I was a bit surprised when I heard the story of a small contractor of two people most had never heard of, including myself, being awarded a contract that was worth \$300 million to rebuild Puerto Rico's power grid. In the contract, the Puerto Rico Electric Power Authority, claimed it met all the guidelines and regulation set forth by FEMA and that it had been reviewed also by FEMA.

Would you explain FEMA's involvement in the contract process and how you monitor Federal dollars before they are allocated?

Mr. Long. Sure. So, let me be clear. The Whitefish contract was not a FEMA contract. PREPA entered into this contract in late September. We were notified several weeks after the fact. There is no lawyer inside FEMA that would have ever agreed to the language that was in that contract to begin with, so let me be very clear about that. And, we raised a red flag and basically said that, we are not sure this is a sole-source contract or a competitive rate. There were many things wrong. There was also language in there that would suggest that the Federal Government would never audit

Whitefish, which there is not a lawyer inside FEMA that would ever agree to that type of language.

So, the bottom line is that, as I understand, not one dollar has gone toward that contract from FEMA, and what we are doing is rectifying to make sure that PREPA has not requested any funding for that reimbursement effort.

We have a lot of work to do when it comes to grant monitoring at all levels of government. It is not just FEMA, but it is at the State and the local governments when it comes to the grantees that are there. We ask them to always follow pre-disaster bid laws and policies, because when you change those policies after a disaster, it is going to hang you up in an audit. We also ask them to follow emergency bid laws when it comes to the procurement process, according to 2 Code of Federal Regulations (CFR).

So, we have a lot of work to do when it comes to training and ensuring grant monitoring, but in that case, that was not our contract.

Senator DAINES. Thank you. I will be interested, as you dig into that one, in what the lessons learned are from that situation and how we can improve that process. It is always one of the concerns when we have a disaster. Of course, we want to move quickly. People are in need, people are dying. But, we also want to make sure we are accountable, efficient, and there is oftentimes opportunity for a tremendous amount of waste in a situation where we are spending billions of dollars following some of these disasters. So, I look forward to that follow up, what you learned from that, Mr. Long.

Thank you, Mr. Chairman.

Chairman JOHNSON. Senator Peters.

Senator Peters. Thank you, Mr. Chairman.

Mr. Long, one of my constituents volunteered through the American Federation of Labor and Congress of Industrial Organization (AFL–CIO) to provide assistance in Puerto Rico. He was there from October 4th through the 18th, and he certainly said the citizens remarked how grateful they were for the assistance that was being provided by his group because no one else seemed to be there to help, was at least his experience on the ground. I know a group of National Nurses United had a similar experience and also made some of the same comments to me.

It seems to be a common perception that assistance was not reaching the people in need in Puerto Rico, that there were some distribution problems, that stuff may have gone to distribution centers but it was not getting out actually to the individuals. So, my question is: Why were we hearing that from volunteers? And, do you believe that was an issue?

Mr. Long. I cannot speak to the gentleman's direct experience, but I can explain the logistical complexities that we faced when it came to the humanitarian issues of getting meals and water out.

As we were discussing earlier, all the ports were damaged. It took us time to not only rebuild the air traffic control system but open up the ports. We pre-staged quite a bit of food in our Caribbean Area Division before the storm. You can only stage so much on the island. We also checked with Governor Rossello and the school systems. They had a lot of food inside the shelters, multiple

days of food in each one of the school shelters that were there. So, we tried to put as much food forward as possible before the storm bit

When it came to the diminished capacity, obviously the State and local governments, they were disaster survivors. As we began to push in the food to the island, we had to quickly mobilize 10 regional distribution hubs where we would fly it in, set up and stage all the commodities, and then force the food and water to each one of these distribution hubs. We had to establish communication with all 78 mayors because there was no survivable comms that were there. We started communicating and sending liaisons to mayors and making sure that we got the commodities to them directly. If they could not get it to the final mile, then we would actually air drop if there were isolation issues. I do not know how many isolation-based air drops we have made, but they are continuing today.

Did we get to everybody? It is hard to say. Part of it was the lack of communications and that we recognized that people were not sure where to go. In some cases what I saw with my own eyes, I went to Utuado in the central portions, mountainous regions of Puerto Rico, where some of the folks in the isolated communities are being really resilient and they are not choosing to come to the areas where food and water is.

So, the bottom line is I feel certain that this is probably one of the largest humanitarian missions that we have ever conducted in the United States, and there are 10 of millions of meals and water that were pushed, and there is a lot of assets on there.

I have also asked the Office of Inspector General (OIG) to look into how our commodities were being used by some of the mayors as well, and it is my understanding that the FBI may be looking at that as well.

Senator Peters. Well, I appreciate your candor. I know this was an incredibly difficult task that you were involved in and continue to be involved in, probably for quite some time, and I appreciate your efforts on that. And, you have been very candid in this hearing today, and that is refreshing to have that kind of candor because the idea is that we have to learn—celebrate what we did right and learn from our mistakes to be ready for the future. But what would be your assessment in Puerto Rico on a scale of 1 to 10, in your expert capacity, as to FEMA's ability to meet the disaster?

Mr. Long. Well, I think we have a lot of work to do. One of the first things I want to do is come back and have an after-action. I want to figure out the grant funding that went to Puerto Rico. What did we get in return of that? I want to make sure that—the commodity capabilities that are on the island are obviously too small. How do we set up island territories to be more self-sufficient, that it does not require a massive DOD mission to be able to fly these things in? There are a whole host of improvements that need to be made, and I recognize that. I will be dedicated to making sure that we find out and do an exhaustive after-action, and if there are issues where I need to send in support, I will be definitely coming back to you to ask for that support to change the way that we do business in the future.

Trust me, I do not want to go through this event again as much as anybody else.

Senator Peters. Right. Well, and I asked the 1 to 10. That may be tough for you to do, but perhaps for the average Puerto Rican, how would they rate the Federal Government's response? You have been on the ground an awful lot. I appreciate that. From 1 to 10,

what do you think they would say?

Mr. Long. Senator, with all due respect, obviously people have different experiences. I am not interested in giving myself a grade or rating each other. Quite honestly, that would be the only thing that the media picked up today in this congressional hearing if that is the case. Could we have done better? Did we move as fast as people want? Obviously, in some cases no. But, if you look in the Miami Herald this morning, the State Department representative, Luis Rivera, read his assessment, and go talk to the 78 mayors, all of them, and get your assessment from them, please, because for me to sit back and say we did things perfectly, I know we did not. Of course, there are things that I wish had gone better, or things that I had known going into that event, obviously. But, the bottom line is that I know at the end of the day we pushed as hard as we could, our partners pushed as hard as we could, and we moved as fast as the situation allowed. And, this is one of the most logistically complex disasters that this Nation has faced.

Senator Peters. You mentioned talking to local mayors. Actually, that leads into the second question I have. As you know, Isabella County and Midland County, Michigan, experienced some catastrophic flooding this summer, one of the long list of issues that you had that were on your plate this year. And, I heard from county administrators, emergency responders, as well as impacted constituents in general that they were very appreciative of the work

that FEMA did to help them in responding to that flooding.

But that said, they also thought that FEMA could have done a much better job of coordinating with local officials at the beginning of their response efforts. And, in our experience, I think as you mentioned, up-front coordination with local authorities can go a long way to facilitating that kind of response. But, that is what I heard from my folks in Michigan, although, again, being supportive of your efforts, but thinking that that was a lack in FEMA's efforts, was the local coordination with local officials.

What do you think we should be doing to better that type of co-

operative effort?

Mr. Long. Personally, I would like to expand our footprint. I would like to change our footprint and graduate beyond the regional offices. I would like to develop what we call "State Integration Teams" that are multifaceted, that are there working with the State every day and being able to drive out to your local counties and doing things such as approving mitigation plans, without having it to come all the way back through the region or up to head-quarters. I would like to change the workforce. I would like to make our reservist cadre more in line with what the National Guard approach is, so that you can have a full-time job, step away from your job to go support FEMA in a disaster without losing that daytime job.

I would like to change our entire workforce program to be more like an FBI model. We are the only public safety agency in the country that does not have a true academy-style model of hiring and graduating people through our system so that we are training everybody to be the next Federal Coordinating Officer that understands all aspects of this program. I am frustrated by our hiring processes. I would like to rewrite the book on how we do that and how we maintain and utilize disaster reservists who are critically important to our mission.

Senator Peters. I think those are all really good thoughts. I look forward to working with you on those issues going forward. Thank

you, Mr. Long.

Chairman JOHNSON. Thank you, Senator Peters.

One of the concerns I have, just kind of listening to some of the dialogue here, is I do not want to see FEMA be the primary responder here. I believe their role is to support State and local governments, to support them. And, the more we expect out of FEMA, first of all, we are going to spread them thinner, and now you are going to have, again, a one-size-fits-all model, and it is going to be the Federal Government that is going to have to decide where all these assets have to be deployed ahead of time. States and local governments need to understand that. They need to understand their risks. They need to be held responsible as well.

And so, I think we need to be very careful as we go down this road and say, "Well, how come FEMA did not do the job perfectly, and listen to people's complaints," oh, they did not coordinate quite as well as we would like to. Again, it is to help them. FEMA's role is to help, to be subordinate to that. I think that is incredibly im-

portant.

I have only got one other point I want to make, because it was pretty interesting talking to you, Administrator Long. We have so much foodstuffs and water to a certain extent down in Puerto Rico. You pointed out the fact that the private sector is now asking you. We need to reestablish ourselves. If our population is going to rely on FEMA and the Federal Government to provide meals, we are not going to have the private sector firing back up and have grocery stores operating properly.

Can you just kind of talk about what—

Mr. Long. Sure, you are absolutely right. So, the goal is always to get the retail industry back up and running, and the last number I saw was roughly 90 percent. Obviously, as the retail industry comes up, we should be drawing down on the commodity mission. In many cases the mayors have asked us to stop the flow of food, but continue the water deliveries until the water system is fully back online.

So, it is a constant communication battle every day—or not battle. It is just constant good communication every day with the mayors to understand what the need is, where the private sector market is. But, as we go forward, I do think that we have to form tighter bonds with the private sector and understand the modeling to see this not only in Puerto Rico but in California or Florida or Texas to say here is where the market is, here is where the gas stations are coming back online so that we can tailor the response day in and day out.

Chairman JOHNSON. I think your name describes what your function is: Federal Emergency Management Agency. It is not Federal recovery. It is not long-term recovery. That is going to be other Federal Agencies, but hopefully more State and local governments are going to really take up the responsibility of recovering in their local jurisdictions.

With that, Senator Carper.

Senator Carper. Just to follow on what the Chairman is saying, the last 100 years, 33 Category 5 hurricanes; this fall, 2 within a matter of weeks of one another. We have seen this very interesting chart, very instructive chart that the Chairman has shown that indicates what is happening in terms of the frequencies of this kind of crazy weather that we are faced with. And, this is a shared responsibility. But, I would feel that we had failed in our responsibilities collectively if we simply help rebuild an electric grid in Puerto Rico that is just as vulnerable, that is just as energy inefficient, and that is just as polluting as what they largely have faced in past decades. I think we would have really missed an opportunity.

My colleague Senator Peters asked you, Mr. Long, to evaluate or maybe provide a grade of some sort to the work of FEMA so far. We have a saying in Delaware, when a little fighter is fighting a big fighter and wins, we say that the little fighter fights above his or her weight. And, I think FEMA is punching above its weight, and we applaud that. I think the grade to be assigned is probably "incomplete" because there is plenty of work still to do, and I think

you know that.

Richard Nixon used to—I am the only Democrat I know that quotes Richard Nixon, but Nixon used to say, "The only people who do not make mistakes are people who do not do anything." Think about that

Tom Carper always says, "Everything I do, I know I can do better, and if it is not perfect, make it better." So, that is our goal. We know perfection is probably not achievable, but we certainly want to head in that direction regardless of whether you sit on this

side of the dais or your side.

Senator Peters also talked about the interaction and interface between State and local folks and FEMA, and this will be one short question for you, Administrator Long. There has been some feedback that there has been a disconnect between the Government of Puerto Rico, FEMA, the Army Corps of Engineers, and various contractors on the ground regarding roles and responsibilities, who is doing what activity. I do not think that is totally surprising. But, what are you doing to ensure that a cohesive effort that supports the Governor of Puerto Rico who is ultimately in charge of recovery efforts? Would you just respond to that?

Mr. Long. Sure. It is a great question. So, clear communication is what is needed to succeed, and I speak to Governor Rossello multiple times a week on a regular basis. But, what we do, obviously, to have wide area management capability over the magnitude of everything that has happened is I have to rely very heavily on Federal Coordinating Officers. For the example of Puerto Rico, Mike Byrne is my Federal Coordinating Officer. Technically, he is appointed by the President, if you look at the Stafford Act. And so, I have Federal Coordinating Officers over each one of these disas-

ters that I stay in touch with, but I also reach out very regularly to Governor Rossello. I have to tell you, every day that man goes to work trying to do the best that he can for Puerto Rico, and I have deep respect for the Governor and what he is trying to do and work through. He is facing the most complex disaster of many of them.

So, the communication is good, but I have to set up recovery command onsite and allow the decisions to be made onsite rather than all the way back up here in D.C. Incident command decisions have to be made closest to where the disaster is, not up here.

Senator CARPER. Sometimes when I see adult children of my friends who have gone on to do great things in their life, I say they picked the right parents. And, I would say to Rick Rossello, the Governor now, that he picked the right parents—my old colleague Pedro Rossello, with whom I served from 1993 to 2001 as Governor.

I want to ask one question for each of you, and then I am done. But, the question is this: Just name one thing, each of you just name one thing that folks on my side of the aisle, those with whom we serve here in the Senate and the House, one thing that we need to be doing to enable you and your folks to do a better job. Just one thing, please. And, we will just start, if I can, with Dr. Kadlec. Are you an Air Force Academy graduate?

Dr. KADLEC. Yes, sir, I am.

Senator Carper. Navy salutes Air Force. Good for you.

Dr. KADLEC. You beat us at football, though. Senator CARPER. Thank you for your service.

Dr. Kadlec. Thank you, sir. I think one of the issues that came up was about streamlining processes in effect and activities. For the health care, we talk about minutes and hours, really depending life-and-death decisions, and being able to intervene positively. And, I think one of the areas that Congress should look at is dependencies. Dependencies affect all the activities here. What makes it more streamlined? What makes it more efficient? What makes it, most importantly, more effective? And, those are the areas that I would identify as most important.

Senator CARPER. OK. Thank you. General Jackson.

General Jackson. Senator, thank you for the question. Since we have spoken mostly about the power grid restoration, I think that is where my comment would come from, and that is, I think if Congress can decide what end state looks like, there are multiple requirements that could be out there, multiple things that could be done. They all cost different amounts of money. But, what does end state look like, and what does the Nation want us to do, whether it is what the Corps is doing or what whoever will do in terms of, what the power generation will look like, what the transmission lines and such will look like. Being able to craft what end state looks like with the resources to match would be my recommendation.

Senator CARPER. Good. Thank you so much.

Mr. SALESSES. Senator, thank you for the question. I would say continue to support the men and women in uniform. Specifically, the Defense Department did enormous work in all of these hurricanes. As you know, the number of Navy ships, the strategic airlift that was involved in this, the Army, Navy, Air Force, and Marine

Corps, Active, Reserve, and Guard, that made a huge difference in each one of these hurricanes. The Defense Department has evolved greatly in that responsibility of supporting civil authorities, and that needs to continue because it makes all the difference to our citizens.

Senator CARPER. When I am talking with folks from different armed services other than the Navy, sometimes I will—there is a friendly inter-service rivalry, as you know, not just on the football field. But, I always say to them at the end of those conversations, "Different uniforms, same team." And, it is a great team. Administrator Long.

Mr. Long. Externally, for the entire country, I think survivable communications is something that we have to address with the private sector. We become more and more vulnerable every day as we go to digital networks, and when you do not have redundant systems or mitigated systems designed to handle all hazards, then it creates panic. As we have seen, we basically just went through a complete and total communication blackout for an island, and it created a lot of panic, a lot of misunderstanding, a lot of misinformation. That was incredibly frustrating. So, I think we have a lot of work to do for survivable comms.

Internally, fix the NFIP, do more pre-disaster mitigation, and let us come back to the drawing board on the Disaster Relief Fund (DRF).

Senator CARPER. Thank you to all of you and the teams you lead. Thank you so much.

Mr. LONG. Thank you.

Chairman JOHNSON. Thank you.

So, my final comment, I appreciate my colleagues like this chart. There are a number of factors that are built into the dramatic increase in the FEMA declarations. One of them is just that we declare more disasters a FEMA disaster. And, my concern is that—I will not say the word "abdication," but certainly local and State authorities are happy to have the Federal Government spend their money and be responsible for a greater share of these things that are occurring within their States. That is part of the factor here.

But, again, I want to thank all of you. I think your efforts have been extraordinary. I would give you a pretty high grade, personally. Again, this is unprecedented what had happened here. You get 51 inches in any place, there is no way to plan for that. That is going to create a lot of destruction. You get Category 5 hurricanes going over an entire island, even one that is in the Caribbean that is used to hurricanes, that is going to cause a disaster. You just do not snap your fingers and alleviate all pain and suffering.

So, again, I think the men and women that have worked with you have done an extraordinary job, and I thank all of them and I thank all of you.

With that, this hearing record will remain open for 15 days, until November 15th at 5 p.m., for the submission of statements and questions for the record. This hearing is adjourned.

[Whereupon, at 12:13 p.m., the Committee was adjourned.]

APPENDIX

Opening Statement for Chairman Ron Johnson "2017 Hurricane Scason: Oversight of the Federal Response" Tucsday, October 31, 2017

As prepared for delivery:

The 2017 hurricane season brought massive destruction to Texas, Florida, Puerto Rico, and the U.S. Virgin Islands. Four storms reached Category 4 or 5, and three of those made landfall on American soil. Our country has not been hit by three storms this strong in any single season in modern history. Hurricane Harvey poured 19 trillion gallons of rain over Texas and Louisiana, leading to some of the worst flooding Texas has ever seen. Hurricane Irma set a record as the most intense storm anywhere on Earth, maintaining wind speeds over 180 mph for 37 hours, and causing significant damage to Puerto Rico and Florida. Hurricane Maria, the strongest storm to hit Puerto Rico since 1928, destroyed property and further decimated the island's already weakened power grid.

As unprecedented as this year's storms have been, the federal response has also been unprecedented. More than 47,000 federal employees have deployed to disaster zones to perform rescue and recovery efforts. DHS and DOD rescue teams have saved more than 122,000 people in distress. Congress approved \$51.5 billion in supplemental disaster relief funding to help communities recover and rebuild. The effort is ongoing, and the 2017 hurricane season isn't over yet.

Prior storms like Katrina and Sandy provided lessons that have been applied to our emergency response strategy. Katrina showed us the challenges of coordination across federal, state, and local agencies. After Sandy, we saw social media taking on a new role in both information dissemination and search and rescue efforts. The devastation of both storms, which took 1,945 lives and cost a combined \$183 billion, reminded us of what is at stake.

No disaster response is perfect. This Committee's duty is to help our government identify and develop ways to better prepare for and respond to these types of disasters. We must also help ensure that federal resources are directed where they are most needed, with as little waste as possible. Our goal of this hearing is to provide a forum to discuss the facts about the state of preparedness before the storms hit, the impact of the storms, the response, and next steps.

Earlier this month, I went to Puerto Rico to assess the damage caused by Hurricane Maria. My message to the people of Puerto Rico was quite simple: "We are aware of your plight, and you will not be forgotten." We are committed to helping residents of Puerto Rico recover and rebuild in a way that will enable them to better withstand future storms.

I also want to thank all of the first responders who collectively worked 24 hours, 7 days a week, for weeks on end. Thousands responded from the agencies represented here today, and many others from around the federal government. We appreciate everything they have done—and are doing—to help alleviate suffering and begin the monumental task of rebuilding.

I thank all of our witnesses for appearing today, and I look forward to your testimony.

Opening Statement of Senator Thomas R. Carper (DE) Senior Democrat and Former Ranking Member, U.S. Senate Homeland Security and Governmental Affairs Committee

U.S. Senate Committee on Homeland Security and Governmental Affairs Hearing on "2017 Hurricane Season: Oversight of the Federal Response" October 31, 2017

Thank you, Mr. Chairman. Before I make my opening statement, I want to extend my well wishes to Senator McCaskill and her family today. Unfortunately, Senator McCaskill is out to help her husband recover from some medical issues, and I know we all wish him a swift and full recovery.

Two weeks ago, Senator McCaskill sent you a letter requesting that this Committee conduct a bipartisan investigation and consider scheduling a series of hearings to lay out the reality of the federal government's response to Hurricanes Harvey, Irma and Maria.

Today's hearing is an important first step, and I hope that Democrats and Republicans can continue to work together to conduct oversight over the decisions made both before and after these three disasters.

When disasters strike, Americans band together to help one another. I believe that's because most people in this country believe in, and try to live by, the Golden Rule – to treat other people the way we want to be treated. This principle should also guide our federal response when disaster strikes and some of our citizens find themselves in times of dire need.

Led by FEMA, many federal agencies – including the Department of Defense, the Army Corps of Engineers and the Department of Health and Human Services – have been working around the clock for the past two months to respond to these hurricanes.

FEMA, The Army Corps of Engineers and the National Guard serve as our nation's frontline in the response to and recovery from all manner of disasters.

Delaware deployed members of the Delaware National Guard to support hurricane relief efforts in Texas, Florida, Puerto Rico and the U.S. Virgin Islands. I would like to extend my thanks to those men and women who put the needs of those in distress ahead of their own.

I also want to thank the witnesses appearing before our committee today, and I would also ask that you convey our heartfelt thanks to the members of your staffs for their tireless efforts.

And Mr. Chairman, I hope that in the very near future we can have the governors of Texas, Florida, Puerto Rico, and the U.S. Virgin Islands before us as well so that we can hear their valuable perspectives on how the recoveries have been going and learn more about their needs.

We are at the very beginning of a long and difficult rebuilding effort. The cost of the devastation wrought by these hurricanes may well exceed \$300 billion – more than double the total economic damage of both Hurricanes Katrina and Rita in 2005. We must ensure that the federal government is meeting the needs of the survivors of these disasters, and,

at the same time, ensure that federal funds are being used efficiently and effectively. Every dollar wasted is a dollar that won't be available to help other Americans who are still in need.

We have already started to hear of allegations of programmatic mismanagement and questionable contracts.

Many of us were shocked to learn of the \$300 million contract to repair the electric grid that was awarded by the Puerto Rico Electric Power Authority (PREPA) to Whitefish Energy. As you know, this is a company with two full-time employees that has only existed for two years. This award was made after PREPA declined "mutual aid" offers from other utilities on the mainland to help restore Puerto Rico's power. I was glad to hear that on Sunday, after much controversy, this contract with Whitefish was canceled.

I cannot overstate the urgent need for action to quickly restore power, repair homes and other structures, as well as ensure the availability of safe and clean drinking water for all citizens in the United States.

But in adversity lies opportunity, and the federal government's responsibility to help the victims of these disasters by rebuilding the infrastructure they depend on every day presents us with the opportunity to make it more resilient when the next storm hits. And, it will! By making smart choices as we rebuild, not only can we increase resiliency, but we can also make that infrastructure more efficient and affordable.

By virtue of burning diesel fuel to create most of its electricity, Puerto Rico and the U.S. Virgin Islands pay far more for their electric than Americans in the contiguous United States. By facilitating a conversion to natural gas for much of their electricity needs and combining that with electricity generated from renewable sources, while also taking advantage of technologies such as distributed generation and microgrids, Puerto Rico can rebuild their power grids while dramatically reducing energy costs and stimulating economic growth. While I understand that there is a need to move with dispatch, it's also important for us to keep in mind the need for Puerto Rico to reduce its long-term energy costs, while factoring resilience into our efforts.

In addition, I believe it's also important for Administrator Long and President Trump to extend the deadline for Hurricane Maria victims to register for Individual Assistance grants, and I strongly urge them to do so.

Individual Assistance provides a helping hand for people whose homes have been damaged or destroyed in the course of a disaster. FEMA is encouraging people to go online to file a claim. However, a great many of the victims of this storm currently lack electricity and cellular capabilities. It's likely that a significant number of people will need more time to file for this critical assistance. That's why I am glad to learn that FEMA last night extended the deadline to late March. In summary, we need to be mindful of the unique situation on the ground in Puerto Rico and try to ensure that all necessary steps are taken to help all of those who lives have been shattered by all three of these devastating and unprecedented storms.

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Finally, Mr. Chairman, before I close, I'd like to say a few words about the obligation our

federal government has to help rebuild when disaster strikes our country.

When extreme weather hits, it's scary and dangerous, and it's often far more powerful than we

imagined it would be. For those of us who haven't had the misfortune of living in the path of

the worst destruction, it's hard to imagine.

But for the people whose reality has become a nightmare, they just want to know that there's

a path to a better and safer future. Clearing that path is a shared responsibility, though. The

residents of Puerto Rico and their leaders must do their part, but our federal government has

a moral obligation to help, as well. Like the folks at Home Depot say, "You can do it, we can

help." And keeping with the spirit of the Golden Rule, let's continue to make sure we do just

that.

Thank you, Mr. Chairman.

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STATEMENT

OF

WILLIAM B. LONG ADMINISTRATOR FEDERAL EMERGENCY MANAGEMENT AGENCY U.S. DEPARTMENT OF HOMELAND SECURITY

BEFORE

THE

HOMELAND SECURITY AND GOVERNMENTAL AFFAIRS COMMITTEE UNITED STATES SENATE WASHINGTON, D.C.

"2017 Hurricane Season: Oversight of the Federal Response"

Submitted

Ву

Federal Emergency Management Agency

500 C Street SW

Washington, D.C. 20472

October 31, 2017

Introduction:

Good morning, Chairman Johnson, Ranking Member McCaskill, and Members of the Committee. My name is Brock Long, and I am the Administrator of the Federal Emergency Management Agency (FEMA). I'd like to thank you for the opportunity to discuss the future of FEMA and this hurricane season's federal response and recovery efforts.

I have been in office for just over four months, and I am proud to be part of an agency that, every day, is helping communities reduce the risks associated with future disasters, as well as assisting disaster survivors all across the country. As I returned to serve at FEMA, I came in with ideas on how to make this Agency more effective. But before implementing a set of changes and reforms, I needed to spend time in the Agency with the people who do this important work every day to ensure my ideas withstood the rigors of a thorough review. Just as I began this effort, Hurricane Harvey struck Texas. Then, Hurricane Irma swept through the Caribbean, striking the U.S. Virgin Islands, Puerto Rico, Georgia, and the entire state of Florida. Hurricane Maria followed, striking a devastating blow to the U.S. Virgin Islands and Puerto Rico.

These historic disasters – each historic in its own right – put to test many ideas and concepts in a way that no intra-Agency dialogue could ever accomplish. In my testimony today, I would like to share with you not only the experiences of recent months, to include the catastrophic wildfires in the Northwest and California, but also insights into which ideas survived the test of this historic hurricane season.

2017 Hurricane Season

FEMA works quietly, day in and day out, across the country responding to many disasters that do not get national attention. Prior to Harvey making landfall on August 25, 2017, FEMA had 17 Joint Field Offices working 28 presidentially-declared disasters. FEMA, our partner agencies in the Federal, state, local, tribal, and territorial governments, in addition to our vital volunteer relief organizations and the private sector, work in concert, with unity of effort, to serve the needs of disaster survivors.

To say this hurricane season has been historic is an understatement. To date, we've had four hurricanes make landfall this season, three of which have been major hurricanes (Harvey, Irma, and Maria).

Since Hurricane Harvey made landfall in Texas, the President has granted 14 Major Disaster declarations and 15 Emergency Declarations, while FEMA has authorized 25 Fire Management Assistance Grant declarations. Hurricane Irma was unique not only because it struck both the U.S. Virgin Islands and Puerto Rico, but also because it struck the entire State of Florida, including the Seminole Tribe of Florida. Hurricane Maria, following in quick succession, then struck the U.S. Virgin Islands and Puerto Rico, more than 1,000 nautical miles from the mainland United States, devastating an area with already fragile infrastructure and facing challenging economic circumstances. In a span of 25 days, FEMA and our partners deployed tens of thousands of personnel across 270,000 square miles in three different FEMA Regions.

The impacts of these events are substantial. Roughly 25.8 million people were affected by these three storms – eight percent of the entire U.S. population. As of October 16, 2017, more than four million survivors have registered for FEMA assistance, which is a greater number than Hurricanes Katrina, Rita, Wilma and Sandy combined. FEMA's Individual and Households Program (IHP) has thus far approved more than \$2 billion in disaster assistance to respond to the three hurricanes, and I expect this number to continue to grow. As of mid-October, National Flood Insurance Program (NFIP) policyholders filed approximately 120,000 claims, and the NFIP has paid over \$2 billion to them.

In just over 30 days, FEMA increased our call center capacity to more than ten times our steadystate level. Call centers receive registrations for FEMA's Individual Assistance program from survivors, and also serves as a helpline for those survivors who have questions about their applications. Additionally, FEMA more than quadrupled our cadre of inspectors, who validate damages to an applicant's home and property. We will continue to expand these capacities each day for as long as the mission requires.

FEMA alone cannot deliver assistance to this vast number of survivors. Unity of effort is required for disaster response and recovery on any scale, but especially during this historic season. When emergency managers eall for unity of effort, we mean that all levels of government, non-profit organizations, private sector businesses, and survivors must work together – each drawing upon their unique skills and capabilities – to meet the needs of disaster survivors

State, local, tribal, and territorial governments, along with the residents in the impacted areas, are the true first responders. Non-profit organizations like those that are members of the National Voluntary Organizations Active in Disasters (NVOADs) provide crucial services to sustain lives while the rest of the response and recovery infrastructure can be established by emergency managers for longer-term needs. The private sector also plays a critical role in disasters, as businesses work to restore critical services and donate their time and resources – in close coordination with emergency management personnel – to help communities rebound in the wake of disasters. The whole community must be, and is, engaged, involved, and well coordinated.

For our part on the Federal level, FEMA called upon not only the vast majority of our own workforce, but also engaged over 3,800 other Federal employees through the Department of Homeland Security's "Surge Capacity Force," and, extended the Surge Capacity Force to all Federal agencies. This is significant. FEMA employees come to FEMA knowing they will be deployed into disaster areas, work in austere conditions, and assist survivors. That's part of our job at FEMA. However, when personnel from other Federal agencies volunteer for the Surge Capacity Force, they volunteer to leave their jobs and families, receive just-in-time training, and work in an environment that is completely unfamiliar and outside of their normal job responsibilities. I am incredibly grateful to my interagency colleagues from across the Federal government for supporting this important initiative, and for allowing their hardworking and dedicated personnel to support disaster survivors who have been impacted by these historic events. Over 22,300 members of the Federal workforce were deployed to Texas, Florida, the

U.S. Virgin Islands, and Puerto Rico. This includes 13,892 staff from various offices of the Department of Defense, including the military services. We could not do this without them.

This unprecedented hurricane season has truly tested us as a nation and tested many of our assumptions about what works in disaster response and recovery. While each year the hurricane season comes to an end on November 30, the lessons that we are learning from the response and recovery operations that we are performing this year, under the most difficult circumstances possible, will transform the field of emergency management forever.

Lessons Learned and Key Priorities for FEMA's Future Success

Whole Community Engagement-Early and Often

All levels of government, along with the private and non-profit sectors, share a responsibility for disaster preparedness, response, recovery, and mitigation. Throughout my time at FEMA, I intend to focus on not just engaging the whole community, but coordinating closely with the whole community. I believe the Federal government plays a vital role in supporting state, local, tribal, and territorial (SLTT) partners before, during, and after disasters. The Federal government should bring resources and capabilities following a disaster that our partners do not have at their disposal. However, we are just part of the team.

State, local, tribal, and territorial governments know their communities and their needs best, and have a critical role in preparing for and responding to disasters in order to manage risk to communities and infrastructure. States also play a critical role in supporting each other through mutual aid agreements like the Emergency Management Assistance Compact (EMAC). Indeed, many of these mutual aid agreements have been activated during this hurricane season to support affected states, Puerto Rico, and the U.S. Virgin Islands. As of October 13, EMAC supported 85 different requests for assistance to Puerto Rico, leveraging assistance from 26 different states.

I plan to work with our partners to identify areas of the collective mission that the Federal government, SLTT governments, and private sector partners may each be in the best position to manage. Throughout this collaborative process, it is important that FEMA provide clear guidance on what our role is, what support our partners might expect from the Federal government, and what they should be prepared to handle at their level. This will help support communities in becoming more self-sufficient while allowing everyone to focus their resources and training on identified areas of responsibility. As a result of a discussion with the Council of Governors this summer, FEMA will develop a checklist of actions Governors should take to be ready to support the disaster response mission in their states and territories, and enable Governors to identify areas where they could implement better local solutions. The Federal government must work with SLTT governments to build capability and manage risk.

For instance, if an event does not rise to the level of a Federal disaster declaration, FEMA should help SLTT governments in planning for how they could support their impacted communities and individuals through state-, commonwealth-, territorial-, or tribe-led disaster assistance programs. According to the 2016 National Emergency Management Association (NEMA) Biennial Report, 28 states have their own state-funded assistance programs to help individuals and businesses

when a disaster or emergency does not meet the criteria for a Federal declaration. That means that 22 states do not have any financial resources set aside to support their citizens when disaster strikes. Moreover, even for those states that have programs, many are underfunded and several are entirely unfunded. How can FEMA help incentivize and support SLTT partners in creating and maintaining their own programs similar to FEMA's Individual Assistance and Public Assistance programs that work for them? How can we encourage and support additional mitigation activities prior to a disaster?

The key to working on these and other areas of collaboration with our partners is communication and relationship building. This is why I am exploring options for improving coordination with our partners in order to ensure a quick and effective response after a disaster strikes, and helping improve national resilience. For instance, FEMA personnel could support states with their pre-disaster technical assistance needs, including disaster planning, training, exercising, and initial response and recovery support.

We will also examine how FEMA can better work with the private sector -- including businesses, industry associations, trade groups, and academia -- to help solve challenges, spur innovation in emergency management, identify any current barriers to effective coordination, and integrate, as appropriate, the private sector across various Federal programs.

We continue to bolster FEMA capacity at both the Headquarters and Regional levels to ensure we meet the needs of the whole community--including people with disabilities. Through our Office of Disability Integration and Coordination (ODIC), we are continuing our work to ensure that FEMA programs and services are accessible to everyone by promoting equal physical access, program access, and effective forms of communication. Including people with disabilities and groups that represent them in disaster response and recovery planning efforts will result in solutions and resources that better suit a variety of needs. In addition, we are committed to ensuring FEMA and its partners provide services and run programs in accordance with applicable Federal civil rights laws, including Title VI of the Civil Rights Act of 1964 and Section 504 of the Rehabilitation Act of 1973.

Finally, we cannot forget about engaging individuals across America. During a disaster, people in the affected community become the "first responders." We need to empower individuals with the skills necessary to help speed their recovery after an emergency. Do they know how to shut off their own water and gas? Do they check on their neighbors? Do they know CPR?

September was National Preparedness Month, and this year's theme was "Disasters Don't Plan Ahead. You Can." During this campaign and other public awareness campaigns throughout the year, such as "You Are the Help Until Help Arrives," FEMA provides actionable steps that people can take to prepare themselves and their families. I'd like to thank Congress for supporting this effort, and Chairman McCaul and Ranking Member Thompson for co-chairing the National Preparedness Month campaign.

The Disaster Relief Fund

Under current law, the Disaster Relief Fund (DRF) is the source of the funding that enables FEMA to direct, coordinate, manage, and fund response, recovery, and mitigation efforts associated with major disasters and emergencies that receive a Presidential declaration pursuant to the Robert T. Stafford Disaster Relief and Emergency Assistance Act (Stafford Act). Therefore, FEMA's ability to provide essential services and financial assistance to overwhelmed SLTT governments relies on having sufficient balances in the DRF.

The DRF helped fund response needs related to hurricanes Harvey, Irma, and Maria and will also help fund recovery efforts for those events. As of October 27, 2017, FEMA obligated approximately \$12.7 billion in support of these hurricanes response and recovery operations. Adequate funding for the DRF is essential to FEMA's ability to carry out its mission.

Because FEMA had only \$2 billion on hand to fund Major Disasters at the time Harvey struck, the Agency took extraordinary measures to maintain the DRF's solvency during the first two weeks of the incident, including temporarily suspending payments for long-term recovery projects (a policy known as Immediate Needs Funding), reprogramming a net total of \$750 million from the Base category of the DRF (which funds, among other things, emergency declarations) to the Majors Disaster category.

To date Congress has passed two supplemental appropriations bills that enables FEMA to continue helping communities respond to and recovery from Harvey, Irma, and Maria. I'm concerned, however, that use of emergency appropriations like those passed on September 8 and October 24 may become the new normal due to a projected decline in the amount of funding available for natural disasters since FY 2015.

Currently, Congress proactively funds the DRF through annual appropriations in anticipation of future disaster activity. This mechanism, known as the Disaster Relief Allowable Adjustment, or more simply the Disaster Cap, was successful in decreasing dependence on supplemental appropriations since it was put into place with the passage of the Budget Control Act of 2011 (BCA).

Funding available under the Disaster Cap is recalculated each year based on a formula established by the BCA. However, the Disaster Cap will continue to fall or remain flat over the next few years due to the good fortune of relatively low disaster spending between 2012 and 2016 and the fact that the formula does not take into account emergency funding FEMA will receive in FY 2018.

This drop in the Disaster Cap could result in constraints on future DRF appropriations and, consequently, insufficient balances in the DRF to support mission operations. This dynamic could lead to an increasing reliance on emergency supplemental appropriations to support basic disaster missions as soon as this fiscal year or FY 2019. We would like to work together with Congress to provide a fix to the mechanism that funds the DRF.

Simplifying Recovery and Reducing Disaster Costs

My goal is to make navigating FEMA's programs as clear and easy as possible. I'm also committed to making sure Federal dollars are spent in the most effective way possible and that we're taking steps to reduce disaster costs for all levels of government.

This year, FEMA focused on improving the delivery of direct post-disaster housing when financial rental assistance is not practical or does not meet the need. The agency recognizes that this is a complicated issue that requires diverse, innovative solutions that meet individual communities' needs. FEMA would like to work with SLTT governments to help and incentivize them to build more capacity to allow them to take a leadership role in post-disaster housing.

Following Hurricane Harvey in Texas, FEMA entered into an Intergovernmental Service Agreement with the State of Texas which allows the delivery of post-disaster housing to be Federally supported, state managed, and locally executed. FEMA continues to engage our SLTT partners, other Federal agencies, and industry stakeholders to explore ways to improve disaster housing outcomes through improving coordination, improving implementation of our programs, and evaluating new, innovative housing solutions. FEMA is working with each of the impacted areas to look at which temporary housing solutions can best meet community-specific needs. Working with the Texas General Land Office, FEMA has authorized new forms of housing assistance such as "Direct Lease" and "Direct Repair," increased eligibility for the Multi-Family Repair & Lease program, and authorized the use of recreational vehicles as a housing solution for eligible applicants. FEMA also continues to work with the U.S. Department of Housing and Urban Development (HUD) to ensure our programs transition into HUD long-term housing programs. As Texas recovers from the effects of Hurricane Harvey, it will be important for FEMA and the DHS Office of Inspector General to validate both the effectiveness and financial benefit of these new approaches.

Even as we take steps to streamline and simplify assistance, we must strive for a future where disasters cause less disruption in our communities. It's important to acknowledge that the number of Presidential disaster declarations is increasing, as is the cost of disasters to the Federal government. From 1995 through 2004, the President approved 598 disaster declarations with a cost of \$36.9 billion in FEMA assistance. From 2005 to 2014, that number increased to 808 disasters with a cost of \$106.9 billion. The increasing cost is primarily driven by at least three factors: 1) the increase in the overall number of declared disasters; 2) the magnitude of destruction caused in declared disaster areas (particularly the devastation caused by the most significant events, such as Hurricane Katrina and Superstorm Sandy); and 3) the widening gaps in insured versus uninsured losses. Given this backdrop, we must consider what steps we can take collectively to reduce costs and, more importantly, to reduce the human and economic impacts of disasters. Costs are merely a proxy measure for the extent of disruption our communities face from disasters. As Administrator, I look forward to working with Congress to find ways to address these causes of increased disaster costs.

Additionally, flooding is the most frequent and costly disaster we face. For example, over 3.24 million flood insurance policies administered by the National Flood Insurance Program (NFIP) were in areas impacted by Hurricanes Harvey, Irma, and Maria. The NFIP has paid over \$2 billion to policy holders, and the program managers estimate that both storms caused up to \$16

billion in losses. We expect much more to be provided in the near future. Homeowners who maintain flood insurance are not only able to recover more quickly and fully after a flood disaster, but they also have less of a need for Federal disaster assistance grants. FEMA is engaging in an effort to double the number of flood insurance policies nationwide by 2023. This effort is focused on encouraging homeowners to purchase insurance not just through the NFIP, but through the private market as well. Insured survivors -- regardless of how they purchase their coverage -- will be in a better position to recover. FEMA will be working closely with the insurance industry, realtors, mortgage lenders, community leaders, and other partners -- including Congress -- to work towards this goal.

Buying Down Risk through Preparedness and Mitigation

Building more resilient communities is the best way to reduce risks to people, property, and taxpayer dollars. I cannot overstate the importance of focusing on investing in mitigation before a disaster strikes. Developing resilient capacity ahead of an incident reduces loss of life and economic disruption. When communities are impacted, they should ensure that they rebuild infrastructure better, tougher, and stronger to protect taxpayer investment and promote economic stability.

Through the Mitigation Framework Leadership Group (MitFLG), FEMA is working with Federal, SLTT, and private sector partners to help align pre- and post-disaster mitigation investments to more effectively reduce disaster losses and increase resilience. The results of this effort will also provide strategic planning considerations for the Federal government, SLTT partners, and the private sector as they make resource allocation decisions.

FEMA also manages the Hazard Mitigation Grant Program (HMGP), the Flood Mitigation Assistance (FMA) grant program, and the Pre-Disaster Mitigation (PDM) grant program that fund projects such as seismic retrofits, safe rooms, and risk reduction for utility and other infrastructure. These funds play a key role in building resilient communities. For example, in September 2013, an unprecedented rainfall event occurred along Colorado's Front Range of the Rocky Mountains, resulting in catastrophic flooding. Eighteen counties experienced significant damage from this flood. Fortunately, a 2010 PDM project for the City of Longmont (the Left Hand Creek flood project), located in Boulder and Weld counties, two of the affected counties, had been completed in 2012. The mitigation project was designed to increase the flow capacity of the creek channel through a mixed-use area. The Left Hand Creek flood project improved the creek channel design and updated and resized two bridge culverts. The project also removed 110 structures from the Special Flood Hazard Area (SFHA). In 2012 dollars, the FEMA project cost was \$5,689,013, with total estimated losses avoided of \$22,453,091. This mitigation project avoided losses and resulted in a return on investment of \$3.95 saved for every \$1 spent.

In addition, FEMA's investment of \$205 million in the coastal areas of Texas for the acquisition and elevation of 1,618 properties avoided losses from Hurricane Harvey of what could have been more than \$330 million.

HMGP is available to a state following a major disaster declaration, and its funding level is based on the costs associated with that disaster. Each year, we receive more PDM and FMA

applications than we are able to fund. This enables FEMA to select the best applicants on a competitive basis. From FY 2003-2016, FEMA received PDM grant applications requesting a total of \$3.4 billion. From FY 2013-2016, FEMA received FMA grant applications requesting a total of \$1.2 billion. During my time at FEMA, I plan to work with SLTT and private sector partners to explore other potential avenues to enhance pre-disaster mitigation efforts so the Nation is investing as many resources as possible into managing risk, and consequently lessening the impacts to communities, before a disaster strikes.

From the preparedness perspective, FEMA continues to maintain and strengthen the National Preparedness System by helping our non-Federal partners build their capabilities, which will reduce their reliance on the Federal government in the future. Together, we are working to achieve the National Preparedness Goal of a "secure and resilient nation with the capabilities required across the whole community to prevent, protect against, mitigate, respond to and recover from the threats and hazards that pose the greatest risk." Our team is currently focused on promoting integrated mutual aid across the whole community, continuing the development of a National Qualifications System for first responders, and advancing a National Training and Education System and National Exercise Program to prepare responders and officials for disasters.

Advancing Efforts to Counter Terrorism and Changing Threats

Events of the last several years, including the planned and deliberate violent attacks abroad in London, Paris, and Brussels, and closer to home in Charlotte, San Bernardino, Orlando, Charlottesville, and most recently Las Vegas, are constant and disturbing reminders of the destruction and human suffering that terrorism and other man-made events can inflict in today's world. This is also a recurring reminder that both the Nation and its communities need to continue to plan, prepare and build the capabilities needed to face constantly evolving man-made threats, from lone shooters to cyber-attacks. FEMA's various preparedness and homeland security grant programs are critical to these efforts. These programs, which include the Urban Area Security Initiative (UASI), State Homeland Security Program (SHSP), Tribal Homeland Security Grant Program (THSGP), Port Security Grant Program, Transit Security Grant Program, provide needed financial resources to help ensure that states, tribes, territories, and local communities could build the capabilities needed to face these ongoing threats. In FY 2017, more than \$1.6 billion was awarded to our partners for preparedness efforts.

Further, the dollars provided through these grant programs throughout the years are complemented by various counterterrorism training and exercise programs, such as training and exercise programs that address active shooter, complex attack, and nuclear events. And when terrorist events have occurred, as they did in Boston, Orlando and San Bernardino, the combination of funding, training, and exercises have contributed to the ability of these communities to better reduce future risks to their citizens and counter the threat.

Addressing Human Capital Challenges and Improving FEMA's Processes

FEMA's best assets are its people. One of my key areas of focus is determining how we can holistically look at our hiring, training, and career paths to serve the needs of our staff and the

Nation while reducing preparedness costs. For example, how do we develop better career progression opportunities so that motivated, experienced staff have a path to move forward and do not leave the agency? How do we remove silos across programs, enhance cross-training, and expand development opportunities so employees can gain a better understanding of the big picture? How do we develop a more robust Reservist capacity while increasing the cost efficiencies of the program? The 2017 hurricane season provided many opportunities for FEMA's programmatic staff to support response and recovery efforts. This experience is invaluable and will help FEMA deliver better services and support in future disasters. These are some of the issues we'll be exploring during my time at the agency.

FEMA is also making a concerted effort to modernize our various information technology (IT) systems and processes to be a more responsive and agile agency. FEMA has several ongoing initiatives: Financial Systems Modernization (FSM); the Grants Management Modernization (GMM) Program; the Pivot NFIP IT Modernization Initiative, and the Enterprise Data & Analytics Modernization Initiative (EDAMI). These initiatives target FEMA's existing IT infrastructure to deliver crucial mission capability by improving the customer experience, minimizing service gaps, reducing costs and delays in services, improving logistics and delivery coordination, and minimizing barriers to informed and timely decisions.

Next Steps and Conclusion

At FEMA, we strongly believe in the importance of listening to our employees and external partners on how to improve our programs and the way we do business. In August of this year, we began hosting several "Discovery Change" sessions to help shape our future strategic direction, brainstorm on topics covered in this testimony, and explore new ways to accomplish our mission.

These sessions are my first step in a new cycle of listening to stakeholders, including agency employees, SLTT governments, non-governmental organizations, and the private sector, regarding ideas to improve the agency, our processes, and our services. During those sessions, stakeholders discussed the importance of building State-level capacity, reducing risk, streamlining and simplifying recovery, and improving FEMA's internal processes. The agency will continue to leverage ideas from these sessions and lessons learned from the recent hurricanes and wildfires to define our strategic goals and objectives for the 2018-2022 FEMA Strategic Plan.

The 2017 hurricane season has and continues to provide me the opportunity to test the validity of many of the ideas I had coming into this job. We look forward to collaborating with the Senate Homeland Security and Governmental Affairs Committee in the coming months to implement lessons learned, as well as gather any additional feedback that you may have. I look forward to your questions. Again, thank you for the opportunity to appear before the Committee today.

Statement by

Robert G. Salesses

Deputy Assistant Secretary of Defense
for Homeland Defense Integration and Defense Support of Civil Authorities
General Lori J. Robinson, U.S. Air Force
Commander, U.S. Northern Command
Major General Donald E. Jackson, U.S. Army
Deputy Commanding General for Civil and Emergency Operations
U.S. Army Corps of Engineers

Before the 115th Congress

Committee on Homeland Security and Governmental Affairs

United States Senate

October 31, 2017

Introduction

Chairman Johnson, Ranking Member McCaskill, distinguished Members of the Committee: Thank you for the opportunity to address you today on Department of Defense (DoD) support of the national response to Hurricanes Harvey, Irma, and Maria.

DoD is a fully committed and critical partner in the national response system. DoD has a long tradition of supporting its Federal, State, and local partners in responding to domestic disasters and emergencies, even while DoD defends the United States, its interests, and its allies and partners around the world. DoD plans and is postured to rapidly support disaster and emergency responses. The Secretary of Defense directed DoD to give full support to the Federal Emergency Management Agency (FEMA) for the national response to Hurricanes Harvey, Irma, and Maria in advance of each hurricane. DoD specifically postured capabilities in advance of each hurricane. DoD then provided significant support to the national response Hurricanes Harvey, Irma, and Maria to save and sustain lives in Texas, Florida, Puerto Rico, and the U.S. Virgin Islands. The men and women of DoD – military and civilian – and DoD contractors were ready and acted with a great sense of urgency when they were needed to respond to these hurricanes.

The Department of Defense is a Committed and Critical Partner in Responding to Disasters

DoD is a committed and critical partner in the national response system. The following organizations are key to DoD's support of disaster response:

U.S. Northern Command. U.S. Northern Command (USNORTHCOM) is the combatant command responsible for conducting Defense Support of Civil Authorities (DSCA) missions in its area of responsibility (AOR), which for DSCA includes the continental United States, Alaska, Puerto Rico, and the U.S. Virgin Islands.

U.S. Transportation Command. U.S. Transportation Command (USTRANSCOM) provides full-spectrum global mobility solutions and related enabling capabilities for

supported customers' requirements during peacetime and military contingencies (including war).

Defense Logistics Agency. The Defense Logistics Agency (DLA) has an interagency agreement with FEMA to provide commodities (e.g., food, water, and fuel) to civil authorities responding to disasters.

U.S. Army Corps of Engineers. Under the National Response Framework, the U.S. Army Corps of Engineers (USACE) serves as the lead Federal agency for Emergency Support Function #3 – Public Works and Engineering. In this capacity, USACE assists FEMA by coordinating Federal public works and engineering-related support, as well as providing technical assistance, engineering expertise, and construction management to prevent, prepare for, respond to, and/or recover from domestic incidents. In addition, Pub. L. 84-99, as amended, 33 U.S.C. § 701n, provides authority for the Corps to prepare for and respond to floods, hurricanes, and other natural disasters, and to support emergency operations in response to such natural disasters.

Military Departments. The Military Departments, which are responsible for organizing, training, and equipping Active and Reserve (including the National Guard) Component military forces, also fulfill a key role in disaster responses. These outstanding men and women are the personnel who are called on by DoD – and, in the case of the National Guard, the Governors – to respond to disasters. Under immediate response authority, ¹ or based on a mutual aid agreement with a local community, Military Department personnel are typically the first Federal military responders in a disaster. The Military Departments also provide FEMA with access to installations for use as staging and support bases for disaster responders.

¹ Under immediate response authority, Federal military commanders, Heads of DoD Components, and responsible DoD civilian officials may, in response to a request for assistance from a civil authority, under imminently serious conditions and if time does not permit approval from higher authority, provide an immediate response by temporarily employing the resources under their control, subject to any supplemental direction provided by higher headquarters, to save lives, prevent human suffering, or mitigate great property damage within the United States.

National Guard. In the national response system, the National Guard serves as a critical State resource in disaster responses and can provide much-needed capabilities to State governors very quickly. The majority of National Guard support in disaster responses is performed at the direction of a State Governor and in a State Active Duty status as a State militia.

The Department of Defense Plans and Is Postured to Respond to Disasters and Emergencies

DoD plays an important but supporting role in our nation's response system. As provided in the National Response Framework, the national response system and its protocols provide tiered levels of support when additional resources or capabilities are needed. Most incidents begin and end locally and are managed at the local level. Some may require additional support from neighboring jurisdictions, State governments, and, as necessary, the Federal Government. The Federal Government's role is to support State and local emergency assistance efforts to save lives, protect property and public health and safety, and lessen or avert the threat of a catastrophe. DoD's role is to assist the Federal Government's support of the State and local response.

FEMA is responsible for coordinating the Federal Government's response to major disasters. DoD supports this response, providing DSCA in support of FEMA or another lead Federal agency, when directed by the President or when the Secretary of Defense has approved a request for assistance pursuant to the Stafford Act² or the Economy Act.³ This arrangement is absolutely critical when DoD is supporting a Federal multi-state response so that lead Federal agency requirements are appropriately prioritized and personnel and resources are deployed/employed in the affected region effectively.

The Federal Government and many State governments organize their response resources and capabilities under the Emergency Support Function (ESF) construct. The 14 Federal ESFs bring together the capabilities of Federal departments and agencies and

³ 31 U.S.C. §1535.

² The Robert T. Stafford Disaster Relief and Emergency Assistance Act (Public Law 93-288), as amended.

other national-level assets to perform response functions such as transportation, public works and engineering, mass care and temporary housing, logistics, public health and medical services, and search and rescue. DoD is available to support all 14 Federal ESFs when requested.

A fundamental tenet of the national response system is that DoD is always in support of domestic civil authorities. It is also important to note that the Federal military chain of command always runs from the President to the Secretary of Defense to the Combatant Commander concerned (in the case of the 2017 hurricanes, the Commander, USNORTHCOM). DoD fully supports the Incident Command System of the National Incident Management System.

As demonstrated during the recent hurricane responses, DoD is prepared, when directed by the President or the Secretary of Defense, to provide, as part of the Federal Government's support of State and local emergency assistance efforts, capabilities and resources to save lives, sustain lives, and protect property and public health and safety, including search and rescue, emergency medical care, emergency mass care, emergency shelter, and provision of food, water, and other essential needs, including movement of supplies or persons. DoD is well-prepared and has capabilities and forces postured to act, with a sense of urgency, when needed, to save and sustain as many lives as possible in the aftermath of a disaster.

DoD maintains this high level of preparedness by continually investing in its preparedness, including through training, integrated planning with its Federal, State, and local partners, and joint exercises with its Federal, State, and local partners.

DoD also continually pursues improvements in its ability to provide support when needed, and to work closely with its domestic agency partners. For example, during a disaster response, FEMA issues mission assignments to request support capabilities and resources. DoD has worked closely with FEMA to develop all-hazard, pre-scripted mission assignments prior to disasters. This helps to expedite the process of requesting assistance. These all-hazards pre-scripted mission assignments include: heavy and

medium rotary-wing lift; strategic and tactical transportation; communications support; emergency route clearance; damage assessment; mobilization centers and operational staging areas; airspace control; deployable temporary medical facilities; and rotary-wing medical evacuation.

The DoD standing DSCA Execute Order (EXORD), which was approved by the Secretary of Defense, delegated authorities and assigned capabilities and resources to the Commanders of USNORTHCOM and U.S. Pacific Command – the two Combatant Commanders responsible for DSCA – so that they can provide critical life-saving and life-sustaining capabilities faster to save and sustain lives. This includes such resources and capabilities as: Defense Coordinating Officers and Defense Coordinating Elements; DoD installations that could be used for FEMA mobilization centers; medium- and heavy-lift helicopters; search aircraft for disaster area reconnaissance; deployable communications support packages; joint task forces to command and control Federal military responders; Combatant Commander Assessment Elements; aeromedical patient evacuation/transportation; deployable hospitals and Forward Surgical Teams; naval vessels with medical/surgical, and critical care patient capability; and the DLA Deployable Distribution Center.

In addition to integrated planning and other initiatives, DoD has forged strong, direct, day-to-day partnerships with the Department of Homeland Security (DHS), the Department of Health and Human Services, FEMA, and other Federal partners. This includes full-time DoD advisers and liaisons at our Federal partners' headquarters, Defense Coordinating Officers and Defense Coordinating Elements at each of the 10 FEMA regional headquarters, DoD liaisons at the FEMA National Response Coordination Center, and DoD liaisons at FEMA's deployed joint field offices.

These trusted partnerships, as well as regularly planning and exercising together, establish a Federal, State, and local network that increases information sharing and operational collaboration, which enables rapid identification of critical needs in a disaster and the swift sourcing of capabilities and resources to meet these needs.

FEMA issues mission assignments to request support capabilities and resources. In response, DoD provides capabilities and resources to carry out approved FEMA mission assignments, which are performed on a reimbursable basis. To date, FEMA has submitted DoD 311 mission assignments to DoD, at a cost of approximately \$3,931,700,000, for the national response to Hurricanes Harvey, Irma, and Maria, requesting: search and rescue operations; port and airfield assessment; aerial port operations; emergency route clearance; air and ground transportation and evacuation; patient transportation and aeromedical evacuation; National Disaster Medical (NDMS) patient movement, reception, and medical care; medical support; strategic airlift to transport personnel, relief supplies, and equipment; imagery; fuel distribution; lifesustaining commodity (e.g., food and water) distribution; power distribution restoration; temporary shelters; water purification; logistics support; maritime freight support; Federal Aviation Administration (FAA)-capable radars; installation support bases and responder support camps for FEMA responders; and mortuary affairs support.

The Commander, USNORTHCOM, using her delegated authorities under the DSCA EXORD, postured DoD capabilities in advance of the hurricanes, including prestaging assets and personnel to perform such response missions as aerial damage assessment, strategic lift (e.g., C-17), helicopters, medical, logistics, and air and sea port opening.

DoD also deployed U.S. Navy ships to the disaster areas, and while maneuvering to avoid the consecutive hurricanes, were able to sail to be on station after the storms departed and begin responding immediately.

The Department of Defense Provided Significant Support to the National Response to Hurricanes Harvey, Irma, and Maria

In support of the national response to Hurricanes Harvey, Irma, and Maria, DoD conducted search, rescue, and evacuation operations; provided damage assessment; assessed and made repairs to open airports and sea ports; performed air traffic control; cleared roads; transported life-sustaining commodities such as food and water (including

by helicopter and tactical vehicle in Puerto Rico and the U.S. Virgin Islands); provided power generation and fuel distribution; conducted flood mitigation operations; provided temporary housing support; conducted assessments of civilian hospitals; and provided medical support, including evacuating patients back to the continental United States.

The Total Force – thousands of Active Duty, Reserve, and National Guard personnel – supported (and continue to support) the response. The first Federal military responders in Texas and Puerto Rico were U.S. Army Reserve and U.S. Marine Corps Reserve personnel stationed in Texas and U.S. Army Reserve personnel in Puerto Rico, respectively, acting under immediate response authority. Also of note, the Army Expeditionary Support Command distributed life-sustaining commodities in Puerto Rico, while both Army and Air Force units provided substantial medical support in Puerto Rico and the U.S. Virgin Islands.

DoD rotary-wing, tilt-wing, and fixed-wing aircraft conducted search and rescue, evacuation, aerial damage assessment, transportation, and strategic airlift operations. To date, USTRANSCOM has flown more than 2,800 flights, transporting responders such as FEMA's Urban Search and Rescue Teams, relief supplies, and equipment, and evacuating hundreds of residents and patients. USTRANSCOM transported an FAA-capable radar and 500,000 pounds of mail. While ports were closed, USTRANSCOM delivered critical relief supplies. USTRANSCOM teams were essential to opening airfields and restoring port access.

U.S. Navy Ships such as USS Abraham Lincoln, USS Kearsarge, USS Oak Hill, USS Wasp, USS San Jacinto, USS Farragut, USS Iwo Jima, USS New York, and USS William McLean, and embarked U.S. Marine Corps expeditionary units, conducted search and rescue, emergency route clearance, life-sustaining commodities distribution, and medical support operations. The hospital ship USNS Comfort continues to assist Puerto Rico by receiving and treating critical care and medical-surgical patients.

DLA has provided fuel, generators, food, water, and other life-sustaining commodities to FEMA for distribution to the civilian population and first responders

Texas, Florida, Puerto Rico, and the U.S. Virgin Islands. To date, DLA has provided 2,726,000 gallons of fuel, 15,000 gallons of propane, 852 generators, 6 electricity transformers, 126,000,000 meals (87,000,000 of these for Puerto Rico), 11,500,000 liters of water (10,000,000 of these for Puerto Rico), and 11 high-water vehicles, including fuel trucks. DLA also ran a deployable depot for FEMA. DLA deployed 125 fuel trucks and drivers to Puerto Rico to fuel emergency generators for critical facilities such as hospitals.

Under the DoD excess property program, DLA has donated essential items such as: generators; vehicles, including a cargo truck; scoop/front-end loaders; refrigerated containers; 50,000 gallon collapsible storage tanks; 20,000 gallon tanks; tents; cots; sleeping bags; and blankets.

USACE conducted flood mitigation operations that held back over 125 billion gallons of water from entering downtown Houston at the peak of the flood, prevented the possible failure of the Guajataca Dam in Puerto Rico, surveyed the Gulf Intercoastal Waterway, returned commercial ports to operation; assessed and installed generators to provide temporary emergency power at critical facilities; assessed and planned restoration of electric power distribution; removed debris; and provided temporary roofing. As the lead Federal agency for Emergency Support Function #3, USACE continues to provide temporary emergency power to over 394 key facilities and, more significantly, is working to restore power in Puerto Rico to its pre-storm condition, which is a new undertaking for the Corps. Additionally, USACE is conducting debris removal operations and blue roof installations, and is providing modular hospitals for the islands of St. Thomas and St. Croix.

The National Guard continued its commendable record of State disaster response. National Guard personnel of the affected States and Territories, as well as National Guard personnel deployed in accordance with an interstate mutual aid agreement such as the Emergency Management Assistance Compact, supported the response to Hurricanes Harvey, Irma, and Maria. National Guard personnel conducted search, rescue, and

evacuation operations; provided damage assessment; cleared routes; transported and distributed life-sustaining commodities such as food and water; supported temporary power restoration and distributed power generators; and provided medical, aviation, and planning support. In Puerto Rico, the National Guard supported USACE's temporary emergent repair of the Guajataca Dam.

The most immediate and highest priority concern in any disaster response is to save and sustain lives. This will drive many of the early operations in a disaster response, such as rapid assessment, scarch and rescue, patient evacuations, medical support, distribution of food, water, and other life-sustaining commodities, and sheltering. However, to perform these operations, prevent human suffering, and avoid hazardous conditions for responders, other preliminary operations, such as opening ports and airfields, providing emergency power, and strategic military airlift for transportation are necessary. Although there is a sequencing or phasing of overall response operations, all of these different response operations are carried out simultaneously. For example, while the U.S. Coast Guard is working to open a vital port to allow disaster relief supplies to be shipped in, helicopters, operating from airfields (potentially still under repair) or ships, are conducting search and rescue missions, transporting disaster relief supplies, and evacuating patients.

Conclusion

In conclusion, DoD is a fully committed partner in the national response system. DoD plans and is postured to support disaster and emergency response rapidly. DoD has invested in its preparedness to support the Federal Government's response to disasters. DoD specifically pre-staging forces and resources in advance of this year's hurricanes and employed these capabilities in Texas, Florida, Puerto Rico, and the U.S. Virgin Islands to save and protect lives. The men and women of DoD, and DoD contractors, were ready and acted with a sense of urgency when they were needed to respond to the hurricanes. We are proud of their continuing contributions.

Thank you again for the opportunity to appear before you today. We look forward to your questions.



Written Testimony Senate Homeland Security and Governmental Affairs Committee

Hurricane Season: Oversight of the Federal Response

Statement of

Robert Kadlec, MD

Assistant Secretary For Preparedness and Response U.S. Department of Health and Human Services



For Release on Delivery Expected at 10:00 a.m. October 31, 2017 Chairman Johnson and Ranking Member McCaskill, it is a privilege and an honor to appear before you and members of this Committee to discuss our nation's medical and public health response to the unprecedented string of hurricanes that have hit the U.S. this season. I am Dr. Robert Kadlec, Assistant Secretary for Preparedness and Response – or ASPR – at the U.S. Department of Health and Human Services (HHS).

After being confirmed in August, I barely had enough time to introduce myself to the ASPR staff before Hurricane Harvey made landfall in Texas. The past few months have been very challenging, testing our capabilities and resources. I can proudly appear before you today and say that HHS, as well as our interagency partners, have pushed forward in equally unprecedented ways to save lives and support the communities and people impacted by three major hurricanes, while at the same time dealing with a fourth hurricane and standing ready to respond to potential requests from California for health (especially mental health) support with respect to the California wildfires and from Nevada health authorities with respect to the mass shooting in Los Vegas. I recognize that in some regions, especially Puerto Rico, people are still facing dire conditions and it feels like the government has not done enough. I saw the devastation first hand and want to reassure you all that HHS will continue working as hard and smart as we can until conditions improve.

Since this is my first time testifying before this Committee as the ASPR, please let me begin with a brief description of my background and my vision for the office. Then, I will describe what ASPR has done in leading the medical and public health responses, as well as supporting human services responses, to Hurricanes Harvey, Irma, and Maria.

The Role and Vision of ASPR

During my confirmation hearing, I informed your Senate colleagues that assuming the role of ASPR would be both exciting and daunting. It is exciting because I now lead an organization that I helped create in 2006 when I was staff director of the Senate Subcommittee on Bioterrorism and Public Health Preparedness. It is daunting due to the immense responsibility of this position and the increasingly challenging threat landscape we face.

When ASPR was originally established in the Pandemic and All-Hazards Preparedness Act (PAHPA) under the bipartisan leadership of Senator Richard Burr and the late Senator Ted Kennedy, the objective was to create "unity of command" by consolidating all public health and medical preparedness and response functions under the ASPR. This approach was modeled on the Goldwater-Nichols Act that created the Department of Defense (DoD) combatant commands and the impetus was the disorganized and fragmented response to Hurricane Katrina in 2005. Recognizing this, as I took over as the ASPR two months ago, one of my top priorities was to transform ASPR from a policy-centric organization to an operations-centric agency.

ASPR's mission is to save lives. On behalf of HHS, ASPR leads the public health and medical response to disasters and public health emergencies, in accordance with the National Response Framework and Emergency Support Function #8. HHS also supports other federal entities who lead Emergency Support Function #6, with respect to the human/social services. In addition, HHS leads Federal health and human services recovery support under the Health and Social Services Recovery Support Function. Today, the threats facing our country are increasingly

diverse and more lethal. My main objective is to improve national readiness and response capabilities for 21st century health security threats. I aim to do that through four key priority areas:

- First, provide strong leadership, including clear policy direction, improved threat and situational awareness, and secure adequate resources.
- Second, seek the creation of a "national disaster healthcare system" by better leveraging
 and augmenting existing programs such as the Hospital Preparedness Program (HPP)
 and the National Disaster Medical System (NDMS) to create a more coherent,
 comprehensive, and capable system integrated into daily care delivery.
- Third, support the sustainment of robust and reliable public health security capabilities, including an improved ability to detect and diagnose infectious diseases and other threats, as well as the capability to rapidly dispense medical countermeasures in an emergency.
- Fourth, advance an innovative medical countermeasures enterprise by capitalizing on advances in biotechnology and science to develop and maintain a robust stockpile of safe and efficacious vaccines, medicines, and supplies to respond to emerging disease outbreaks, pandemics, and chemical, biological, nuclear, and radiological incidents and attacks.

Medical and Public Health Responses to Hurricanes Harvey, Irma and Maria

The scale and scope of this year's hurricane season has been unprecedented. Hurricanes Harvey, Irma, Maria, and Nate's proximity and severity have created unique challenges. For example, while we were responding to Hurricane Harvey, teams had to be mobilized for Hurricane Irma,

which devastated the U.S. Virgin Islands, and made landfall again in Florida. In the wake of Hurricane Irma, Hurricane Maria made landfall in the U.S. Virgin Islands and was extremely destructive to the Commonwealth of Puerto Rico. It took out large portions of Puerto Rico's fragile electrical grid, which impacted the entire island. Additionally, Puerto Rico faced public health and health system infrastructure challenges prior to the hurricane that exacerbated the hurricane's effects. Especially in Puerto Rico, no place, no person, no life was untouched by these hurricanes – the physical destruction was unfathomable. But during my trip there, I was overwhelmed by the resilience of the citizens who were making do in extraordinarily difficult situations.

For the three hurricanes to date, ASPR activated the National Disaster Medical System (NDMS) and deployed more than 2,500 personnel and hundreds of other Federal employees to communities impacted by the storms. NDMS teams were deployed from 21 states outside the affected areas for all three hurricanes. In fact, HHS, through ASPR, deployed NDMS teams and U.S. Public Health Service Commissioned Corps (USPHS) teams before the hurricanes hit so they were ready to respond immediately. HHS sent tons of equipment and supplies to affected areas and declared public health emergencies in TX, FL, LA, AL, MS, SC, GA, USVI and PR, as well as for California with respect to the wildfires. This enabled the Centers for Medicare & Medicaid Services (CMS), in response to requests from state/territorial public health or health departments, to waive certain Medicare/Medicaid, CHIP, and the Emergency Medical Treatment and Labor Act (EMTALA) requirements, in order to expedite patient care in affected areas. We cared for more than 10,000 patients and evacuated patients to facilities that could provide the expert care needed. HHS requested activation of a FEMA national ambulance contract, which

provided aeromedical and ground ambulances to move patients from harm's way to hospitals.

HHS activated the Emergency Prescription Assistance Program, which provides medications to disaster victims who cannot afford to pay.

Under the National Response Framework, HHS is the coordinator and primary Federal agency responsible for Public Health and Medical Emergency Support Function #8 (ESF #8). ASPR leads this coordination on behalf of the Secretary. Our strategy in the hurricane response has been three fold: save lives, stabilize the health care system, and then restore services. In some areas, such as Puerto Rico, we are still in the response mode of saving lives and stabilizing health care services.

HHS has 17 core medical and public health functions under ESF #8. One of those functions is to assess medical needs. ASPR worked closely with state, local, and territorial public health departments in each of the affected areas to determine their needs and to best integrate our support. I maintained contact with them throughout our response, and personally visited several of the affected States and territories. Our field personnel worked closely with the Federal Emergency Management Agency (FEMA), and were placed as liaison officers within state and territorial operations centers, in order to provide immediate support and services to local officials. In Puerto Rico, we assessed all 67 hospitals and continue to monitor nursing homes and skilled nursing facilities. And, the Health Resources and Services Administration (HRSA) has been supporting its community based grantees who operate primary care delivery sites in these areas by connecting them to local, state, and Federal resources.

Another ESF #8 responsibility is public health surveillance. Working with the Centers for Disease Control and Prevention (CDC), we supported the monitoring of diseases within the shelters we staffed and responded to State requests for assistance with post-hurricane disease surveillance. In Puerto Rico, we provided CDC environmental health officers and epidemiologists to support their public health response efforts. Additionally, CDC sent experts to Puerto Rico to assist with restoring and augmenting their public health laboratory capacity. Our HHS team has worked with Puerto Rico to provide testing for waterborne diseases such as leptospirosis, an infectious disease endemic to PR, though traditionally with low case numbers.

Another ESF #8 responsibility is to provide health care services. HHS provided medical services in the form of emergency department decompression, hospital augmentation, federal medical stations, and free-standing medical teams. Through the NDMS, ASPR engaged in the evacuation of patients, when necessary. We proactively evacuated more than 200 dialysis patients from USVI before Hurricanes Irma and Maria struck. Our partners from DoD and the Department of Veterans Affairs (VA) were key components of these moves. Once the hurricanes passed, teams provided on-site medical care through federal medical stations (FMS) with 50 to 250 beds provided through the Strategic National Stockpile. In Puerto Rico, ASPR developed an innovative approach to providing medical care. Using a "hub and spoke" approach, we were able to cover all seven regions of PR and provide care and evacuation to each region. ASPR collaborated with the VA and DoD to increase the number of patients who could be seen.

An important lesson learned from events such as Hurricanes Katrina and Sandy and during the 2010 Haiti earthquake was the impact that disasters have on persons who rely on durable medical equipment (DME), especially energy dependent DME. To rectify this problem, ASPR and CMS

created the emPower tool. EmPower provides information to local public health officials about the number of Medicare beneficiaries in each impacted area who rely on 14 types of lifemaintaining and assistive equipment, ranging from oxygen concentrators to electric wheelchairs, as well as data on the number of people who rely on dialysis, oxygen, and home health services. Citizens who use durable medical equipment tend to be at-risk populations with access and functional needs, including the chronically ill and aging populations – those who are the most vulnerable in their communities and most likely to need life-saving assistance in prolonged power outages. EmPower also provides real-time severe weather tracking information from the National Oceanic and Atmospheric Administration to help communities track and plan for emergencies. In Florida and St. Thomas (USVI), for the first time in its history, NDMS personnel joined Urban Search and Rescue (USAR) teams to locate dialysis patients whom authorities were unable to reach during the initial evacuation, using EmPower data.

HHS's Food and Drug Administration (FDA) monitored pharmaceutical supplies impacted by the storms to help prevent hurricane-related devastation from causing drug shortages. ASPR also worked with FDA, Red Cross, and the American Association of Blood Banks to ensure the blood supply was sufficient in the impacted areas. HHS deployed mental health teams and activated behavioral health hotlines in partnership with the Substance Abuse and Mental Health Services Administration (SAMHSA) to aid people in coping with the effects of the storm and help those in impacted areas connect with local behavioral health professionals. HHS created and distributed information and education on carbon monoxide poisoning, worker safety, food safety, vector control, and other health related topics. Our partners at CDC provided expertise in controlling mosquitoes. CDC and FDA also provided technical expertise with potable water

ranging from municipal systems to individual wells. Finally, HHS provided mortuary affairs teams that assisted with respectful re-interment of human remains uncovered by flooding of cemeteries.

ASPR coordinated these broad range of activities through daily ESF #8 Federal interagency calls across all departments and agencies that play a role in health and medical responses, including Federal Emergency Management Agency (FEMA), DoD combatant commands (e.g., NORTHCOM, TRANSCOM, and SOUTHCOM) and other DoD entities, VA, and all HHS operating divisions such as CDC and FDA.

Conclusion

ASPR is still actively in response mode with respect to the impact of Hurricane Maria in Puerto Rico. Now that much of the response effort is concluding, the recovery effort will continue for years. We will continue to partner with FEMA over the next several years during this long period of recovery.

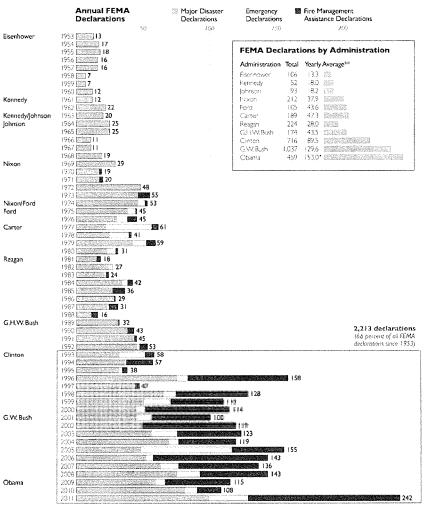
We have a team who has been tracking information throughout the response for an after action report. This report will be critical to future operations. We will be building on things we performed well, and fixing areas that need improvement.

The Pandemic and All-Hazards Preparedness Act (PAHPA) was designed to improve our nation's public health and medical preparedness and response capabilities for emergencies, whether they are naturally occurring disasters, infectious disease outbreaks, or acts of terrorism.

ASPR's forward leaning response during this challenging hurricane season was made possible

thanks to PAHPA and its 2013 reauthorization. Indeed, our nation is better prepared thanks to this landmark legislation, which has brought cohesion and efficiency to the Federal public health and health response. PAHPA is due for reauthorization in 2018, and I look forward to working closely with you to move this important legislation forward. Together, we can continue to strengthen our nation's readiness and response capabilities for 21st century health security threats. I thank you again for this opportunity to address these issues and am happy to answer any questions.

FEMA Declarations, by Year and by Presidential Administration



^{*} Based on data through january 19, 2012 - ** Figures are provated for Kennedy Johnson, Nixon, and Ford Admin strations

Note: Account tours may not add up to presidential tour's during the same time period due to the fanuary 20 inauguration date.

Source: FSMA Disanter Search database, at http://www.ferengenfernat/kews/disanter/searchd+darton=ferent (January 20, 2012).

United States Senate

WASHINGTON, DC 20510

October 30, 2017

The Honorable Brock Long Administrator Federal Emergency Management Agency 500 C Street SW Washington, DC 20024

Dear Mr. Long:

I write to request information regarding the ongoing humanitarian crisis in Puerto Rico. Hurricane Maria, which struck the island on September 20, 2017, was the strongest storm the Commonwealth has experienced in nearly a century. As you know well, the storm devastated the island, which is home to 3.4 million U.S. citizens.

The conditions in Puerto Rico remain critical. A full four weeks after Maria made landfall, three million Puerto Ricans, 80% of the Commonwealth's residents, were without power. One million lacked access to running water. Many remain without cellular communications services, as most of the island's cell phone antennas are inoperable. The Federal Emergency Management Agency (FEMA) has estimated that as many as 60,000 homes need roofing repairs. Additionally, health and medical services are severely strained. Although nearly all hospitals are now operational, many of those hospitals continue to operate on back-up generator power.

The full extent of the damage in Puerto Rico is still unknown, but early estimates suggest the cost of response and recovery could total \$90 billion.³ You have described the response to Hurricane Maria as "a logistically challenging and very unique event that the United States hasn't seen for a very long time, if ever."

In a situation as dire as the one currently facing Puerto Rico, it is incumbent upon Congress to ensure that assistance reaches survivors efficiently and effectively. It is also critical that Congress has access to timely and accurate information about the situation on the ground in Puerto Rico, so that we can respond appropriately and hold federal agencies accountable for the

¹ About 1 million Americans without running water. 3 million without power. This is life one month after Hurricane Maria, CNN (Oct. 18, 2017) (www.edition.cnn.com/2017/10/18/health/puerto-rico-one-month-without-water/index.html).

² StatusPR (www.status.pr) (accessed Oct. 20, 2017).

³ What every American needs to know about Puerto Rico's hurricane disaster, Vox (Oct. 16, 2017) (www.vox.com/science-and-health/2017/9/26/16365994/hurricane-maria-2017-puerto-rico-san-juan-humanitarian-disaster-electricty-fuel-flights-facts).

⁴ FEMA chief: Puerto Rico relief is an unprecedented challenge, Axios (Sept. 26, 2017) (www.axios.com/fema-chief-puerto-rico-relief-is-an-unprecedented-challenge).

assistance they are providing disaster survivors. In order to better evaluate the initial response to and recovery from Hurricane Maria, I request that you provide information in the following

FEMA Response and Recovery Efforts in Puerto Rico

As you are aware, the President has the authority to declare a major disaster pursuant to the Robert T. Stafford Disaster Relief and Emergency Assistance Act (Stafford Act) upon the request of a Governor of an affected state or territory for such a declaration. FEMA is responsible for formulating a recommendation to the President to support or deny the request. In addition, a state or territory and FEMA are to work together to conduct a preliminary damage assessment to identify the needs of individuals, businesses, the public sector, and the community as a whole in an affected area and the types of federal assistance that might be needed.

President Trump issued a major disaster declaration for Puerto Rico on September 20, 2017. Pursuant to the declaration, all municipalities are eligible to receive Individual Assistance and Emergency Work Public Assistance (categories A and B) for debris removal and emergency protective measures. However, to date, the President has yet to declare Puerto Rico eligible to receive Permanent Work Public Assistance (categories C through G) for the rebuilding of roads and bridges, water control facilities, public buildings and contents, public utilities, and parks, recreational, and other facilities. The Governor of Puerto Rico requested such assistance on October 2, 2017. By comparison, the President declared Texas and the U.S. Virgin Islands eligible to receive Permanent Work Public Assistance ten days and two weeks after Hurricanes Harvey and Maria, respectively. With respect to the major disaster declaration for Puerto Rico, please provide responses to the following:

- Please describe the process that Puerto Rico and FEMA are using to conduct a preliminary damage assessment to support the major disaster declaration that President Trump issued.
- Please describe the status of any assessments that have been conducted to date, including the number of public and private facilities that have been assessed for damage and the municipalities in which assessments have or have not been made.

^{5 42} U.S.C.§ 5170

^{6 44} C.F.R. § 206.37(c).

^{7 44} C.F.R. § 206.33

⁸ Federal Emergency Management Agency, Puerto Rico Hurricane Maria (DR-4339) (www.fema.gov/disaster/4339) (accessed on Oct. 20, 2017).

⁹ Letter from Ricardo Rosselló Nevares, Governor of Puerto Rico, to the Honorable Donald J. Trump (Oct. 2, 2017).

¹⁰ FEMA has yet to authorize full disaster help for Puerto Rico, Vox (Oct. 16, 2017) (www.vox.com/policy-and-politics/2017/10/3/16400510/fema-puerto-rico-hurricane).

- 3. What is the status of the approval for Permanent Work Public Assistance (categories C through G) for Puerto Rico?
- 4. Have you made a recommendation to the President on whether to approve Permanent Work Public Assistance (categories C through G) for Puerto Rico? If so, what was your recommendation, and when was it made? Please provide all documents related to the development of any such recommendation and its transmittal.
- 5. What is the anticipated timeline for the President to decide whether to approve Permanent Work Public Assistance (categories C through G) for Puerto Rico as the Governor requested on Oct. 2, 2017?

On October 18, 2017, FEMA reported that 20,000 federal civilian personnel, including more than 1,700 FEMA personnel, were on the ground in Puerto Rico and the U.S. Virgin Islands and engaged in response and recovery efforts related to Hurricanes Irma and Maria. A number of federal departments and agencies, including the Departments of Defense and Health and Human Services, have deployed a wide range of physical assets as well.

- Please provide the number and types of FEMA personnel who have been deployed to Puerto Rico, including where on the island they have been deployed, and a summary of their respective roles and responsibilities.
- 7. Please provide the number and types of personnel from other federal departments and agencies who have been deployed to Puerto Rico, including where on the island they have been deployed, and a summary of their respective roles and responsibilities.
- Please list all federal departments and agencies that have been involved in the response to and recovery from Hurricane Maria in Puerto Rico to date and summarize each department's or agency's specific mission assignments.
- Please provide a summary of all physical assets that each federal department or agency has deployed to Puerto Rico during the response to and recovery from Hurricane Maria.
- 10. Section 402 of the Stafford Act authorizes the President to "direct any Federal agency, with or without reimbursement, to utilize its authorities and the resources granted to it under Federal law (including personnel, equipment, supplies, facilities, and managerial, technical, and advisory services) in support of State and local assistance response and recovery efforts, including precautionary evacuations." The President is further authorized to "provide accelerated Federal assistance and Federal

¹¹ Federal Emergency Management Agency, *Hurricane Maria - Federal Response Updates* (www.fema.gov/hurricane-maria) (accessed on Oct. 18, 2017).

support where necessary to save lives, prevent human suffering, or mitigate severe damage, which may be provided in the absence of a specific request." For each department and agency that has been involved in the response to and recovery from Hurricane Maria in Puerto Rico, please provide the date on which President Trump issued any such directive — with or without a request from the Governor of Puerto Rico.

Information Related to Hurricane Maria Response and Recovery Efforts

On October 5, 2017, FEMA removed key metrics related to Hurricane Maria response and recovery efforts from its website, including the number of Puerto Ricans with access to power and drinking water.¹³ Although the power and drinking water statistics were restored to the website the following day, it is concerning that this information was removed at all. It is important for such information to be transparent, so that Congress and the American public can hold federal agencies accountable for their efforts in Puerto Rico.

- 11. Why did FEMA remove information related to Hurricane Maria's response and recovery from its website?
- 12. Please provide all documents, including communications, referring or related to FEMA's decision to remove and restore these metrics from its website.

On October 13, Bloomberg Businessweek reported that one of its reporters was inadvertently included on an internal email list through which the Department of Defense and FEMA officials discussed how to frame recovery and response efforts to Hurricane Maria in a positive light. ¹⁴ This reporting indicates that FEMA is, at best, attempting to spin, or, at worst, attempting to hide the facts on the ground in Puerto Rico from the American public.

13. Please provide all documents, including communications, that FEMA communications staff sent or received regarding how to present information related to Hurricane Maria response and recovery efforts to the public.

FEMA officials routinely conduct all hazards planning and tabletop exercises in an effort to prepare federal, state, local, and territorial first responders for large-scale disasters.

^{12 42} U.S.C.§ 5170

¹³ FEMA removes—then restores—statistics about drinking water access and electricity in Puerto Rico from website, Washington Post (Oct. 6, 2017) (www.washingtonpost.com/news/post-politics/wp/2017/10/05/fema-removes-statistics-about-drinking-water-access-and-electricity-in-puerto-rico-from-website/?tid=sm fb&utm term=.0eeabcdceb6a).

¹⁴ How the Pentagon Spun Hurricane Maria, Bloomberg Businessweek (Oct. 13, 2017) (www.bloomberg.com/news/articles/2017-10-13/how-the-pentagon-spun-hurricane-maria).

- 14. What, if any, planning, training, and exercises did DHS and/or FEMA conduct in an effort to prepare for a catastrophic weather event affecting Puerto Rico or the U.S. Virgin Islands in advance of Hurricane Maria?
- 15. Did these advance plans, training, or exercises account for the massive amounts of food, water, generators, medical supplies, and repairs to communications and power distribution systems that would be required in the event of a catastrophic weather event like Hurricane Maria?
- 16. Did these advance plans, training, or exercises include contingencies in the case of extended airport and seaport closures? If so, what were those contingencies?

Thank you in advance for your prompt attention to this matter. Given the dire situation in Puerto Rico and the need for immediate congressional oversight, I ask that you respond to this request as soon as possible but in no event later than November 20, 2017. If you have questions, please contact Zachary Schram at Zachary_Schram@hsgac.senate.gov or (202) 224-5543. Please send any official correspondence related to this request to Zachary Schram.

Sincerely,

Gary C. Peters Ranking Member

United States Senate

WASHINGTON, DC 20510

October 27, 2017

The Honorable Scott Pruitt Administrator Environmental Protection Agency Ariel Rios Federal Building 1200 Pennsylvania Avenue, NW Room 3000 Washington, DC 20460

The Honorable William B. Long Administrator Federal Emergency Management Agency 500 C. Street, SW Washington, DC 20472

Lieutenant General Todd T. Semonite Commanding General and Chief of Engineers U.S. Army Corps of Engineers 441 G. Street, NW Washington, DC 20314

Dear Administrator Pruitt, Administrator Long, and General Semonite,

It has been over five weeks since Puerto Rico and the U.S. Virgin Islands experienced the catastrophic winds and waters of Hurricanes Irma and Maria. As communities work to rebuild with the help of the federal government, the vast destruction of structures across the islands have resulted in an enormous amount of waste and debris. Recent reports indicate that vast piles of trash consisting of destroyed building materials, appliances, couches, personal belongings, and other ruined property are building up along streets waiting to be removed. As members of the Senate Environment and Public Works Committee, which has jurisdiction over waste management and regulatory oversight, we are requesting that your agencies update us on the cleanup of the debris and plans for future waste remediation.

The removal of debris from the islands will be a challenging endeavor. While some communities recently began receiving help with removing waste, the latest Federal Emergency Management Agency (FEMA) update indicates that the U.S. Army Corps of Engineers estimates that roughly 90 percent of the debris from Hurricane Maria has yet to

 $^{^{1}\,}http://www.cnn.com/videos/world/2017/10/23/puerto-rico-hurricane-debris-trash-cleanup-sandoval-pkg.cnn$

be cleared from Puerto Rico.² As the waste piles across the islands are further exposed to the elements, they become hosts to pests such as rodents and mosquitos, creating another health concern for residents of Puerto Rico and the U.S. Virgin Islands.³

The issue of debris removal is compounded by the enduring waste management problems faced by the islands. Puerto Rico has approximately 29 landfills in operation, of which the majority were beyond capacity prior to Hurricane Maria. This causes an immediate problem for the disposal of debris. Furthermore, the Environmental Protection Agency (EPA) had previously scheduled 12 of the landfills for closure as they posed a threat to the environment and public health.⁴

One such landfill in Toa Alta, just to the west of San Juan, was scheduled to close by the end of 2017. An April 12, 2017, EPA news release stated that violations at the landfall presented an "imminent threat to the community.⁵" That threat was due to liquid from decomposed waste potentially leaking into the aquifer system on the north coast of the island. It is highly likely that the devastating winds and rains from Hurricane Maria disturbed normal operations at the Toa Alta landfill and other landfills across the island.

The federal government has an obligation to protect the health and welfare of our fellow Americans in Puerto Rico. The potential environmental and health impacts of waste management problems on the islands were of concern even before Hurricane Maria. It is now imperative that the federal government address the issues of removing debris, assessing the damages incurred by landfills, and taking immediate steps to protect the public where there are risks of hazardous human exposure. As the problems of debris and waste management are coupled on the island, we write to ask you for the following information:

- 1) What progress has been made to date removing debris from communities across the islands? In particular, how have those efforts differed between urban and rural areas, especially in remote rural areas?
- 2) What plans have been made to handle the remaining debris that still requires clearing and removal? Please include budget estimates for these plans, as well as estimates for any alternatives which have been considered?

² FEMA DR-4339-PR Congressional Affairs Advisory, October 24, 2017

³ http://www.miamiherald.com/news/nation-world/world/americas/article178702921.html

⁴ https://www.epa.gov/sites/production/files/2016-09/documents/puerto_rico_landfills_fact_sheet_final_0.pdf

⁵ https://www.epa.gov/newsreleases/epa-orders-operators-toa-altas-landfill-make-environmental-improvements-and-stop

- 3) What protocols are currently in place regarding the identification, separation, and disposal of hazardous vs non-hazardous waste streams?
- 4) Have the condition of the islands' landfills been assessed following the hurricanes? What were the results of those assessments?
- 5) Have any emergency response actions been taken at these landfills as a result of those assessments? If so, please provide detailed information including the date, location, the nature of the threat posed, the emergency response action taken, and any ongoing monitoring activities at these sites.
- 6) Were impacted communities notified of the risks? If so, please provide detailed information regarding the method and content of these notifications.
- 7) How is EPA assisting Puerto Rico and the U.S. Virgin Islands' with their long-term waste management challenges, including managing existing landfills, future waste disposal needs, and the previously ordered closure of specific landfills?

Thank you for your timely response to these questions. We hope to hear from your offices within the next two weeks. The proper handling of waste will be essential in the health and safety of our fellow Americans as we work to help rebuild Puerto Rico and the U.S. Virgin Islands.

Sincerely,

T / Season

Kamala D. Harris United States Senator

Edward J. Markey

United States Senator

Jeffrey A. Merkley United States Senator

Kirsten Gillibrand United States Senator

Thomas R. Carper V United States Senator

Tanmy Duckworth United States Senator

Cory A. Booker United States Senator





AMERICAN FEDERATION OF GOVERNMENT EMPLOYEES, AFL-CIO

Joseph P. Flynn National Secretary-Treasurer J. David Cox, Sr. National President Augusta Y. Thomas NVP for Women & Fair Practices

November 14, 2017

The Honorable Ron Johnson Chairman, Senate Homeland Security Committee 340 Dicksen Senate Office Building Washington, DC 20510 The Honorable Claire McCaskill Ranking Member, Senate Homeland Security Committee 340 Dirksen Senate Office Building Washington, DC 20510

Dear Chairman Johnson and Ranking Member McCaskill:

On behalf of the American Federation of Government Employees, AFL-CIO (AFGE) which represents nearly 700,000 federal and DC government employees and 580 FEMA employees across the country, we thank you for holding the 2017 Hurricane Season: Oversight of the Federal Response hearing on October 31, 2017 this year. As representatives of FEMA employees, we wanted to bring your attention to specific issues that impact employees' ability to ensure operations are running efficiently and effectively.

FEMA Emergency Response Teams are on the ground in communities hit hard by Hurricanes Harvey, Irma, and Maria. FEMA employees' priority is to provide relief to victims. This means potentially sacrificing their own health and safety. Federal employees serving in disaster areas deserve precautions and protections of their health and safety. One lesson from the 9/11 first responders experience is that serious health consequences can emerge at any time as a result of failure to protect the health and safety of those working to address needs during a disaster. FEMA's initial response teams on the ground today still do not all have their immunizations. FEMA is giving immunizations now to employees soing to Puerto Rico. However, employees on the ground from the beginning could be exposed to diseases which may affect their safety and ability to carry out their duties. FEMA nurses have recommended that all FEMA employees be offered Diphtheria, Tetanus, and Pertussis (DTaP) vaccines as well as rabies and the starting shot for hepatitis A vaccines as reasonable preventive care. We strongly urge Congress to improve the health and safety of FEMA workers on the ground by ensuring that they receive all the recommend immunizations.

There is a shortage of available temporary housing for FEMA workers in several locations. For example, in Texas, Florida and Puerto Rico some FEMA employees must drive one to two hours each way to support disaster response. This compromises FEMA workers' ability to maximize their time in clean up and rescue, which causes exhaustion and wastes gasoline which is in short supply in Puerto Rico. FEMA employees are working 16-hour days which cause exhaustion and can lead to safety and health risks. Typically, when FEMA employees come into an area they book many hotel rooms for their staff. In one instance in Texas, as a preventative measure, FEMA employees left hotels available in Houston for victims. FEMA employees must drive one to two hours from their hotel get to a disaster

site. This travel on top of 16-hour days is physically exhausting for FEMA workers. Additionally, per diem has been an issue for those responding to the hurricane in Houston. Employees are paid per diem for Houston where they are working. However, FEMA employees assigned to work in Houston are lodging in more expensive areas like Galveston and Corpus Christi. The per diem for Houston does not cover the cost of living in the more expensive areas where they are renting hotel rooms. AFGE strongly urges Congress to improve housing infrastructure and per diem rates for FEMA employees working on disaster relief for Hurricane Harvey.

FEMA employees on the ground in disaster areas managing emergency teams are not being fully compensated for hours worked. Title 5 U.S. Code § 5303-5307 mandates an annual salary cap for GS-15 employees. These GS-15 FEMA employees work 16-hour days, accumulating overthe hours. They reach their pay cap quickly in a year due to the long hours working at disaster sites and do not get paid for the hours they work on the ground after their annual salary cap has been reached. Some GS-15 FEMA employees are on the ground at disaster sites working for free. Until Congress approves a pay cap waiver, these FEMA employees are working for free. FEMA employees deserve to be paid for their work. AFGE urges Congress to lift the pay cap on FEMA employees working in disaster zones who are not being paid for hours worked.

AFGE wants to again thank the Committee for holding the hearing and we look forward to working with you to address the concerns raised in this letter. For questions or concerns please contact Fiona Kohrman at fiona.kohrman@afge.org.

Sincerely,

Thomas S. Kahn

Director, Legislative Affairs



Healthcare Ready

November 4, 2017

The Honorable Ron Johnson Chairman 340 Dirksen Senate Office Building Washington, DC 20510 The Honorable Claire McCaskill Ranking Member 442 Hart Senate Office Building Washington, DC 20510

Healthcare Ready (healthcareready.org) is a national 501(c)(3) non-profit organization focused on disaster preparedness and response for the past ten years. Since August 24, 2017 Healthcare Ready has sustained the longest continuous activation in our history. In this timeframe, we have supported response activities for: Hurricanes Harvey', Irma", Maria" and Nate^{IV}, the California wildfires^V, and the Hepatitis A outbreak^{VI} in San Diego.

Healthcare Ready's role in responding to the disasters of 2017 is rooted in the organization's founding. The organization was founded in 2007 as Rx Response, a non-profit, public-private partnership designed to ensure that the most vulnerable patients have access to life-saving medicines in the time of disasters and disease outbreaks. Three years ago, after supporting more than 60 disasters and disease outbreaks such as Hurricane Sandy, H1N1, and the Joplin tornado response, Rx Response became Healthcare Ready, in recognition of the fact that access to critical medicines is only effective if patients have access to healthcare services to assess their needs and dispense these medicines.

Since evolving into Healthcare Ready, the organization has broadened its mission to focus on improving healthcare resilience, to help patients receive the life-saving healthcare and medicines they need in moments of crisis. Whether the events are accidental, naturally-occurring, or man-made, Healthcare Ready exists to coordinate with the range of disaster-response stakeholders to connect patients with critical healthcare services during catastrophic events.

Healthcare Ready plays a unique role in disaster preparedness and response, serving as the key liaison across non-governmental organizations (NGOs), federal, state and local governmental agencies, and the private sector healthcare supply chain. As an information sharing and analysis center (ISAC) designated by the Department of Homeland Security (DHS), and a coalition structured to support information exchange and coordination between the public sector and the private sector supply chain, Healthcare Ready's focus during disasters is to identify the supply chain needs on the ground that are barriers to care and then work with the public sector to resolve these challenges and mitigate disruptions in operations.

Healthcare Ready works with and supports other NGOs, whose primary role is to deploy and remain on the ground to provide direct services to patients and communities. Our



organization typically operates at a systemic level, fielding reports and requests for help from NGOs, which are often first to detect individual patient issues or more pervasive gaps affecting populations of patients. Healthcare Ready triages those queries by engaging private sector healthcare companies, public sector (emergency management and public health departments) and other NGOs providing direct patient services.

While the organization has focused a portion of our efforts on the California wildfires and the Hepatitis A outbreak, this statement will hone in on our response to the 2017 hurricane season, including Harvey and Irma, but particularly the response to Hurricane Maria. Hurricane Maria hit on the heels of two other catastrophic events, straining our already stretched team, activated for more than 30 days straight before Maria hit the Caribbean.

Healthcare Ready has benefitted from having partners and members on the ground, however our limited resources have prevented our support team (ST) from deploying during the hurricane response. Instead, the ST has worked closely with partners for increased visibility of on-the-ground situations, embedded within the Department of Health and Human Services Secretary's Operations Center, and worked in lockstep with the DHS and Federal Emergency Management Agency (FEMA) during all responses. The ST has maintained continuous communications with key departments and agencies at the federal, state, and local level in all of the impacted areas, as well as private sector healthcare (including manufacturers, distributors, pharmacies, and healthcare systems) with operations in the affected regions. Healthcare Ready ST response activities occur in three phases:

- Connecting patients to healthcare facilities that are open and able to provide care
- Working with the pharmaceutical supply chain to support resumption of healthcare supply chain operations
- Supporting healthcare facilities as they work to resume operations

As part of our work to reconnect patients to functioning healthcare facilities, one of our essential services is the pharmacy status reporting tool, $\underline{R} \times \underline{Open}$, which provides pharmacy status for more than 90% of all community and chain pharmacies across the United States and Puerto Rico. When people displaced by disaster urgently need medications, they do not have the time or ability to hunt for open pharmacies. This map was created because the private sector is invested in sharing pharmacy operating status for patient benefit, but there has not been an appropriate mechanism to share this with the public sector in a manner that would be useful for both patients and emergency responders. To close the gap, Rx Open is a free service which Healthcare Ready donates to the public, and is mainly used by patients and public sector officials.

Rx Open is considered by the disaster response community as a timely and highly credible resource, and in fact, is a primary measure used by the public sector to determine healthcare operating status in disaster impacted areas. During the 2017 hurricane season,



RX Open has been active and reporting pharmacy operating status since August 23, and reported on more than 16,000 pharmacies across the Southeast, Puerto Rico and the US Virgin Islands. Recent events have reinforced the need to collect and disseminate healthcare operational status right before and after natural disasters. Our 2017 hurricane season preparedness poll has indicated that 1 in 7 Americans reported they could only be away from their medications or medical equipment for two to three days before they began to experience serious effects vii.

Overview of the response efforts to the 2017 hurricane season

The first section will focus on the general overview and important considerations from the recent hurricane season. Three sequential catastrophic hurricanes have stretched public and private emergency response capabilities and reinforced the clear dependence of healthcare services on several other critical infrastructure sectors, such as water, power (energy), and telecommunications. Hurricane Maria, the largest and most catastrophic of these hurricanes significantly tested the public and private sectors ability to rapidly respond to patient needs in a crisis.

The role of partnerships in disaster preparedness and response coordination

Established relationships and trusted partnerships are a currency that enables coordination during emergency preparedness and response. Response activities require collaboration across entities and sectors, and it depends on detailed information exchange about real-time situation assessments – limiting factors, capabilities, and challenges. One of the primary lessons learned after Hurricanes Katrina and Sandy is that the private sector must serve an integral role in emergency preparedness and response, especially with issues related to healthcare and public health. The private sector owns more than 90% of all critical healthcare infrastructure, so coordinating an effective response must include their capabilities**

Partnerships in this space are complicated and face multiple challenges. During this hurricane season alone, the primary hindrances to partnership centered on having established channels of information exchange and a foundation of trust. Information exchange with government departments and agencies can be especially complex. Often, private sector partners find themselves in communications with dozens of government offices and officials at the federal, state, and local level on a single issue. Most private sector companies do not have the capability to sustain such a cumbersome resource-intensive coordination effort, causing these relationships to strain over time.

One of the key roles that Healthcare Ready has continued to fill in this hurricane season is that of a trusted partner and information hub, helping to reduce the burden and increasing the responsiveness of private sector companies. The healthcare supply chain is filled with



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companies with operations in the various affected regions (Texas, Louisiana, Florida, South Carolina, Puerto Rico, and the US Virgin Islands). Those organizations have individual business continuity plans and provide a range of capabilities that can be leveraged to support response activities. In order to get those facilities back online and operational, Healthcare Ready was tasked with supporting a number of companies and partner NGOs, sometimes in groups but often times on an individual basis, to understand their operating status, determine their needs for assistance, and then route those requests for assistance (RFAs) to the appropriate parts of federal, state, and/or local government to find resolutions and keep these organizations functioning. A significant portion of our time has been spent on establishing the relationships and lines of communications needed to garner information about each partner's unique role and challenge – and then translating that information into rapid solutions to enable patients to support resumption of normal operations.

- · Assistance procuring diesel and gasoline
- · Help moving medical products while roads were flooded
- · Determining ideal options for asset deployment to support the response
- Coordinating capabilities and emergency contributions to support patients in shelters and other healthcare facilities

The partnerships that Healthcare Ready maintained across sectors enable the ST to serve as a trusted holder and dispenser of situational awareness. Those partnerships, often dependent on establishing communication channels, were critical to providing direct logistical assistance to maintain or revive healthcare operations. There were a number of logistical activities that Healthcare Ready undertook to ensure that medicines made it to healthcare facilities, and ultimately patients. As examples these include: more than five (5) airlifts of medicines coordinated to deliver medicines during Hurricane Harvey, working to set up workarounds for patient assistance programs after Hurricane Maria made mailorder medicine delivery impossible, and the eleven (11) organizations in the healthcare supply chain directly assisted to provide diesel, gasoline, water and other critical resources to sustain operations after Hurricane Maria.

Healthcare Systems and Supply Chain Operations

Healthcare delivery during disasters depends on real-time coordination between healthcare organizations and public health departments. While there is a need to respond to the acute needs that will come through the doors of a hospital, urgent care clinic or pharmacy, it is also imperative to respond to the needs of patients with chronic conditions that require continuous healthcare delivery during crises. It is only in tending to these patient needs



and keeping patients healthy and functioning that the health system can avoid additional strain on the healthcare system.

Rx Open has been used in the past few months to help patients prepare for storms in the days before they made landfall, and also help emergency managers and responders understand which facilities are open and able to meet patient needs, and which communities require additional resources. The private sector has used the map to determine the deployment of resources, such as mobile pharmacies. In particular, the ability to view counties with less than 75% pharmacies open provides an important indicator of which communities are most profoundly impacted, the supply chain most disrupted and where resources are most needed. In advance of Maria, analysis of the map helped responders plan for communities that were dependent on a few pharmacies based on geography.

Across all events, there were specific healthcare facilities that were of considerable interest to the Healthcare Ready ST. Hospitals (emergency departments) were crucial to dealing with the acute care needs of patients, especially for patients who crossed state lines after the event. In fact, we received a number of patient RFAs after Hurricane Harvey from patients who traveled to Louisiana to stay with relatives and access needed healthcare after the event. Hospitals were the primary healthcare facilities that were connected to generator power after Maria, having to serve all patients in their radius. The major facilities that proved to be critical in ensuring that chronic care patient populations received care were: pharmacies, dialysis centers, safety net clinics and federally-qualified health centers. The last group of facilities has established formal or informal networks to support each other during crises, but there is more to be done to increase the resilience of these facilities. In Puerto Rico and the US Virgin Islands, there were several community pharmacies which opened their doors and allowed physicians to see patients in their facilities. Weeks after Maria, there were still medical resupply and communications challenges on both islands. Healthcare Ready was able to work with private sector partners to address these problems, reconnecting pharmacies and Federally Qualified Health Centers (FQHCs) through telecommunications support and getting their complete resupply filled by the private sector.

Hurricane Maria

After dealing with the impacts of Hurricane Irma, the Caribbean had to brace for Hurricane Maria. Preparedness and response activities from Hurricane Irma undoubtedly helped the response efforts for Maria, but the storm still overwhelmed Puerto Rico's capability to respond. In addition to the facility and health systems needs already mentioned, we observed a tremendous chasm between the government response and the civil society efforts to provide healthcare relief to patients. Separately, the issue of patient education re-emerged during this response, as patients were unsure about rules to obtain prescription refills. Even those who evacuated to the continental US had no clear guidance



on how, or where, to obtain healthcare or refill prescriptions.

The Maria response reinforced the need for private sector partners in disaster response and recovery. The needs on the ground dramatically overwhelmed the capabilities of any single sector, and we saw repeatedly that organizations were willing to step up and respond to any requests put forward by healthcare facilities on the islands. Coordinating the logistics of a donation quickly became more of a challenge than obtaining offers of assistance. Private sector companies partnered with our organization to provide satellite phones to FQHCs, work with independent pharmacies to get their computers and telecommunications working so they could open, and even care for patients who were evacuated to the mainland. The lesson we learned again is that the private sector can serve as an effective partner in hurricane responses, but their contributions have to be coordinated in order to respond to the actual need on the ground and effectively support and amplify the impact of government efforts. There were several challenges along the way, as obtaining visibility on the needs for assistance and receiving permission to engage the private sector in finding a response often took days (for challenges that needed a rapid response), but there were several instances where companies stepped up in major ways. It is our hope that our organization can continue to serve as that bridge between the sectors, and that government, especially the federal government, continues to advance the ways in which they coordinate with private sector entities during crises.

Key takeaways

While our organization has begun to take stock of successes, best practices, key lessons learned and areas for improvement, we are too entrenched in the response and recovery efforts to begin a meaningful after-action process at this point. There is certainly a need to conduct a comprehensive after-action process, in partnership with public and private sector leaders, as well as patient groups and NGO partners. Though premature, this section seeks to carve out a few important takeaways that have already been revealed over this three-month activation.

A major lesson learned is that there is a need to educate patients on preparedness and response, including educating patients on how to seek assistance during crises. Often, patients routed to us were unsure of their options, or even the prescriptions they take to manage their conditions, and needed to rely on any help available to get them reconnected to care. This situation was exacerbated with patients who self-evacuated or were seeking evacuation. There is a clear need to invest in educating patients about these issues before disasters, and use effective communication strategies, especially in the absence of electrical power, to educate patients in real-time.

While the healthcare sector is certainly a form a critical infrastructure in a community, it is a form of critical infrastructure which has dependencies on other sectors. All three of the recent catastrophic natural disasters has reinforced the need for healthcare resilience to be linked with resilience planning for other sectors, as healthcare operations are significantly



hindered in the absence of clear roads, continuous power (electric grid or generator power), telecommunications, and clean water.

Sincerely,

Nicolette A. Louissaint, Ph.D. Executive Director Healthcare Ready (formerly Rx Response) nlouissaint@healthcareready.org Office: 202-572-7790

https://www.fema.gov/disaster/4332

ii https://www.fema.gov/hurricane-irma

ni https://www.fema.gov/hurricane-maria

iv https://www.fema.gov/disaster/3394

v https://www.fema.gov/disaster/4344

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viii http://www.gao.gov/new.items/d04780.pdf



October 31, 2017

The Honorable Ron Johnson Chairman 340 Dirksen Senate Office Building Washington, DC 20510 The Honorable Claire McCaskill Ranking Member 442 Hart Senate Office Building Washington, DC 20510

Re: 2017 Hurricane Season: Oversight of the Federal Response

Dear Chairman Johnson and Ranking Member McCaskill:

I am grateful for the opportunity to submit this written testimony at the request of the Office of Ranking Member, Senator McCaskill. I am pleased that the Homeland Security and Governmental Affairs Committee provided critical oversight during its October 31, 2017 hearing examining the federal response to the 2017 hurricane season. On behalf of the National Association of Councils on Developmental Disabilities (NACDD), I ask that the Committee look back at existing federal law and guidance concerning integration and inclusion of persons with disabilities in all aspects of emergency management. Doing so will aid us in evaluating the effectiveness of current efforts to provide aid to persons with disabilities who are most likely to be in need of assistance during an emergency.

NACDD is a national nonprofit, nonpartisan organization that serves as the national voice of the 56 state and territorial Councils on Developmental Disabilities (DD Councils), including Consejo Estatal sobre Deficiencias en el Desarrollo (CCED) in Puerto Rico and the Virgin Islands Developmental Disabilities Council (VIDDC). Because the DD Councils are federally funded, governor appointed entities with memberships that are at least 60% persons with developmental disabilities and immediate family members, our DD Councils are in a unique position to provide critical feedback concerning how persons with disabilities were supported by the recent federal response efforts.¹

Legislative history of how the federal government should include persons with disabilities in all aspects of emergency management is clear in numerous federal statutes. Congress spoke clearly to the duties expected from federal agencies in the Post-Katrina Emergency Management Reform Act of 2006 (KEMRA) which mandated the integration and inclusion of people with disabilities and others with access and functional needs into all emergency management efforts. Federal Emergency Management Agency

¹ See Developmental Disabilities Assistance and Bill of Rights Act of 2000. Pub. L. 106-402. 114 Stat. 1677, 30 October 2000. Congress.gov. Web 30 October 2017.

² See the Rehabilitation Act of 1973, Americans with Disabilities Act, and Post-Katrina Emergency Management Reform Act of 2006

(FEMA) Office of Disability Integration and Coordination (ODIC), established by Congress in KEMRA, is charged with providing coordination on matters related to individuals with disabilities in emergency planning and relief efforts.

Unfortunately, DD Councils from Puerto Rico and the Virgin Islands have reported inequity and confusion around the hurricane relief efforts that have disproportionately affected persons with disabilities. Specifically, the response plan lacked coordination between the federal government and persons with disabilities and there was a severe lack of planning and execution to meet the basic needs of persons with disabilities. Finally, there are ongoing concerns regarding federal investments in infrastructure that require oversight to insure compliance with all federal laws regarding accessibility and use for persons with disabilities.

Lack of federal agency coordination and communication with persons with developmental disabilities.

NACDD and much of the disability community welcomed the establishment of ODIC in 2010. After Hurricane Katrina, the country banded together to ensure that people with disabilities would never again be treated as "expendable" in a national emergency. ODIC's dedicated leadership and structure provided people with disabilities a new hope that their concerns would be met and that they would have a seat at the table in all aspects of emergency management.

After the election of President Donald Trump, the disability community sought assurances that there would be a continued commitment to ODIC as permanent and unchanged and that a new ODIC Director would be in place expeditiously.

As early as January 2017, the National Council on Disability wrote to express their concern that the Director position was vacant and urged Administrator Fugate to "publicly affirm that the position is not in jeopardy and that FEMA intends to adequately resource the office so that the ODIC office will continue to operate as it has since 2010 to ensure that the needs of people with disabilities are addressed during all phases of emergency management." The ODIC Director was eventually appointed with an official start date of October 1, well into the 2017 Atlantic hurricane season which runs from June 1 to November 30. To date, six major hurricanes achieved Category 3 (111-plus mph winds) or higher in 2017.

The new ODIC team began service in the middle of a severe hurricane season and NACDD has great respect for the work they have done with little to no time to prepare. However, we have great concern that perhaps because of the delay in getting a team in place, many of the lessons learned from previous disasters and federal laws may not have been applied which lead to misunderstanding and confusion in responding to local disability community leaders and persons with disabilities during the hurricanes.

³ NCD Letter to FEMA Regarding Office of Disability Integration and Coordination. (January 12, 2017) at https://www.ncd.gov/publications/2017/ncd-letter-fema-ODIC

Given the DD Councils' authorization in federal statute and their relationship with the governors in all the states and territories, it was disheartening to hear from the DD Councils in Puerto Rico and the U.S. Virgin Islands that they were initially completely shut out of the emergency response efforts. In the midst of emergency response, FEMA insisted that the DD Council of Puerto Rico produce a "memorandum of understanding" (MOU) outlining their authority to give feedback or provide information to FEMA on how the emergency response efforts were not meeting the needs of the developmentally disabled community. The DD Councils were shut out of Joint Field Office (JFO) and other community coordinated response activities until they were able to identify the correct federal bureaucrat to negotiate an MOU, which seemed nearly impossible in the immediate aftermath of a hurricane where basic communication, such as phone and internet, were unreliable. This severely impacted the ability of the developmental disability community to advocate for themselves on the shortcomings of the response efforts during the initial several weeks of the response efforts.

NACDD and the DD Councils made several attempts to contact DHS and FEMA's Office of Disability Integration and Coordination (ODIC) to identify a point of contact for our DD Councils, but our efforts were frustrated by a lack of coordination among the agencies. For example, when NACDD asked for the person coordinating the response efforts for persons with disabilities in the U.S. Virgin Islands, a senior advisor in the Department of Homeland Security Office for Civil Rights and Civil Liberties referred us to a nonprofit organization operating relief efforts in the area who was clearly not able to negotiate MOUs or access to federal response centers. Eventually, the head of ODIC was engaged and DD Councils are now in the process of working with the federal agencies. However, there are still different procedures and people responsible for negotiating MOUs in Puerto Rico and the U.S. Virgin Islands.

Specific questions regarding the MOU procedure should be made clear, specifically:

- What is the purpose of the MOU?
- Which agencies are coordinating MOUs? Are groups required to have multiple formal MOUs with each agency?
- Who is required to have an MOU? Are there different requirements for local non-profits, national non-profits, state agencies, federal grantees? Is there an expedited process for obtaining an MOU in the midst of emergency response? For example, is there someone authorized at each JFO and emergency management center to streamline the MOU process in emergencies?
- Persons with disabilities must be integrated into the federal emergency response efforts at all
 levels-- especially in the preparation and first few weeks of the response. Federal agencies need
 to provide additional clarification and outreach to the DD Councils and other members of the
 developmental disability community who should have a seat at the table in any discussion of
 emergency preparedness and response.

Furthermore, all members of federal agency response teams should be trained to identify and meet the needs of persons with disabilities during an emergency. Finally, ODIC should provide the name and contact information of the ODIC point of contact with a public notice on a website and publicly posted

at each field office so persons with disabilities can get an immediate response if they identify a problem that has a disproportionate effect on persons with disabilities.

The committee should inquire about efforts that were made prior to the arrival of hurricanes to identify and prepare for the needs of persons with disabilities. In particular, which organizations did the agencies enter into MOUs with to insure that persons with disabilities were fully integrated into all aspects of the emergency response? Moreover, how were federal agency personnel deployed to the hurricane affected areas trained to handle the needs of persons with disabilities?

Severe lack of communication and planning to meet the basic needs of persons with disabilities.

The DD Councils in Puerto Rico and the U.S. Virgin Islands have shared with us numerous stories of how the federal response efforts to the hurricanes lacked critical communication and responsiveness to the needs of persons with disabilities in the lead up to landfall, during the hurricanes and in subsequent recovery efforts.

Here are just a few excerpts from emails received from Myrainne Roa, Executive Director, Puerto Rico Council on Developmental Disabilities:

"Puerto Rico Developmental Disabilities Council, created by federal statute, is still dealing with the lack of recognition or standing from FEMA. Today (Day 40) we were informed, that finally the Protection and Advocacy System (P&A) will have access to the FEMA Joint Field Office and they will be part of the meetings. I am sorry to say that because of this we still do not have a clear overview of the needs of the DD population after the emergency. There have been several cases, that we know of because we're on the media, that were not handled properly because of the lack of expertise of the agency/entity involved. If the state has the experts in the DD population and they are not consulted or brought to the discussion those are the situations that may happen."

"Regarding the issue of food and water, there is also the matter that some of the food given was expired or was not suitable for people with significant health issues. High sugar or sodium content food was some of the canned food given to everyone without exceptions or consideration of medical issues. Not to mention the how cultural disparity was significantly highlighted when the food given was beef jerky and cheese nips to people that love their rice and beans. Almost everyone knows that."

"In addition, access to services or help most of the time was offered urban areas, far away from rural areas were some of the DD population resides. Lack of transportation, access to communication prevented the DD population and their families to get those services or even request them. Finally, when access is achieved lines and expected waiting times created health risks and decompensation of the individuals with [developmental intellectual disabilities]."

Here are additional examples from an email I received from Yvonne D. Petersen, Executive Director, Virgin Islands Developmental Disabilities Council, Inc.

"The food distribution plan was severely flawed. There was no contingency plan to address the special transportation needs of the developmentally disabled population so many did not benefit from food relief efforts."

"There was no concerted effort to identify persons with DD as a special population. Although many private organizations and charities provided generators, emergency kits, etc. those with transportation or access to transportation were the only ones able to take advantage of these donations. Generators, needed to keep medications refrigerated, were not distributed to many persons with developmental disabilities."

Because of the numerous concerns raised by the DD Councils, the federal agencies should be asked to look back at KEMRA and other federal laws and guidance and describe their efforts to integrate and include meeting the specific needs of persons with disabilities in emergency planning and relief efforts. It is important that the responses include all aspects of the emergency response efforts including search and rescue operations; gathering and distribution of emergency commodities that were appropriate for those with significant health concerns (e.g. nutritionally appropriate food, prioritization for medical equipment (generators, oxygen); and medicine for persons with disabilities); ensuring safe evacuation and transportation to ADA accessible shelters for persons with disabilities; access to ongoing relief efforts (such as food distribution sites and field offices) for persons with disabilities.

<u>Concerns regarding federal investment in infrastructure that is accessible and available for persons</u> with disabilities.

The DD Councils in Puerto Rico and the Virgin Islands also expressed concern regarding the lack of federal oversight of investment in infrastructure following the hurricanes. The Committee should ask the federal agencies to identify guidance and implementing policies to insure the rights and wishes of individuals with disabilities regarding post-evacuation residency and relocation are respected. Additionally, housing investments must be ADA compliant, accessible and available to persons with disabilities.

In conclusion, NACDD recommends the following:

- Additional clarification regarding inclusion and integration of persons with disabilities throughout the hurricane response efforts, including outreach to the DD Councils and other local and national organizations regarding MOUs with ODIC.
- 2) Thorough lookback at whether FEMA and other agencies complied with the KEMRA requirements for inclusion and integration of persons with disabilities in all aspects of emergency management of the hurricanes, in particular those efforts in Puerto Rico and the Virgin Islands.
- 3) Require that the federal agencies obtain feedback and work with the DD Councils and other disability rights groups to assess the hurricane relief efforts specific to persons with disabilities and identify ways to better manage emergencies in the future.

I am grateful to the Committee for its consideration of this testimony and the work its members are doing to better prepare our country for disasters. NACDD and the DD Councils are ready to work with ODIC and other federal agencies as they continue their response to the 2017 hurricane season and identify lessons learned so we can be better prepared in the future.

We know there are many individual stories of hardship suffered by persons with disabilities during hurricane season. The DD Councils can collect more details if it would be helpful to the Committee. Please feel free to contact me if you have any questions.

Sincerely, Pun Mangley

Erin Prangley

Director, Public Policy

National Association of Councils on Developmental Disabilities

cc: The Honorable Tom Carper

The Honorable Steve Daines

The Honorable Michael Enzi

The Honorable Kamala Harris

The Honorable Margaret Hassan

The Honorable Heidi Heitkamp

The Honorable John Hoeven

The Honorable James Lankford

The Honorable John McCain

The Honorable Rand Paul

The Honorable Gary Peters

The Honorable Robert Portman

The Honorable Jon Tester



November 9, 2017

The Honorable Ron Johnson Chairman Committee on Homeland Security and Governmental Affairs U.S. Senate Washington, DC 20510 The Honorable Claire McCaskill Ranking Member Committee on Homeland Security and Governmental Affairs U.S. Senate Washington, DC 20510

Dear Chairman Johnson and Ranking Member McCaskill:

I appreciate the opportunity to submit this written testimony at the request of the Office of the Ranking Member, Senator Claire McCaskill. The Committee's October 31 hearing, "2017 Hurricane Season: Oversight of the Federal Response," focused on an important and timely set of issues regarding our nation's response to major disasters.

I am a Senior Policy Analyst for the Project On Government Oversight (POGO). Founded in 1981, POGO is a nonpartisan, independent watchdog that champions good government reforms. Its investigations into corruption, misconduct, and conflicts of interest achieve a more effective, accountable, open, and ethical federal government. POGO's mission has long included working to strengthen the effectiveness and accountability of federal government agencies through bipartisan, fact-based policy analysis.

Rising Numbers of Major Disasters: The New Normal

This year has seen a lot of tragic firsts for national disasters. Four major hurricanes came ashore within six weeks in the Gulf and Caribbean, a staggering new record. The resulting disasters affected millions of people living in the paths of the storms, causing death, injury, and illness, and destroying or damaging homes and businesses. An estimated 3.5 million people have registered for federal disaster assistance so far this year. \(^1\)

The devastation will be long-lasting in huge numbers of American communities along the Gulf Coast and in the Caribbean Territories. Large numbers of homes and building are still at just the beginning states of repair, and Puerto Rico and the Virgin Islands face months before a majority of people have power and clean water in their homes and communities. And the hurricanes are not the whole story. The deadliest wild fires in California history struck in October, killing dozens and wiping out whole

¹ Deborah Barfield Berry, "Congress tees up another \$36 billion in disaster aid for hurricane and wildfire damage," USA Today, October 11, 2017.

https://www.usatoday.com/story/news/politics/2017/10/11/congress-tees-up-another-36-billion-disaster-aid-hurricanered-will/fire-famous/752894081/ [Downloaded November 8, 2017]

¹⁹⁹¹ Mee Berger von de Berger 12 (1822) van de Groen van

neighborhoods. Additional disasters were declared for floods, fires, and other events across the nation, which, though smaller as far as the relative levels of destruction, still had a devastating impact for the local communities.

The response by survivors, their neighbors, and emergency responders were at heroic levels: press accounts describe rescues, neighbors helping neighbors, and exhausted first responders and aid workers providing life-saving assistance.

The questions the nation needs to ask now are whether we were prepared as we needed to be, and are there lessons to be learned for future major disasters? The short answer to these questions: no, we were not as prepared as we should have been, and yes, there are lessons that we can and *must* learn from the 2017 disasters.

Clearly, there are lessons for Congress and the Administration to learn. It seems that after every major disaster comes the realization that a response to major disasters costs money. And every few years, Congress, led by those representing the affected states, arrange for additional billions of dollars in funding. These "emergency" funding bills are separate from the normal budgeting process, thereby not treating disasters as predictable expenses that are part of costly budget scoring and planning. This results in a slowed recovery due to financial uncertainties and politicization of disasters.

Preparing for major fires, storms, and carthquakes should be part of the normal functions of government. We as a nation must recognize that large disasters are no longer uncommon, and while the specifies may be unpredictable, the response shouldn't be.

Trend of Destruction Is Increasing

First, let's put the recent disasters into perspective.

Both the quantity and severity of 2017 disasters are historically noteworthy. Ten Atlantic hurricanes formed so far this year, the first time we saw that number in more than a century. And of the four that reached U.S. soil, one—Irma—reached Category 5, the highest category. Coming in close, Harvey and Maria (also having earlier reached Category 5) both made landfall as Category 4. Smaller in strength only by comparison, Nate made it to Category 2.

Did we as a nation do enough to prepare and respond to the disasters? Unfortunately, the answer by the U.S. government's own metrics is no. The Federal Emergency Management Agency—the lead agency in preparing for, and responding to, the nation's disasters—had a goal of "restoring basic services and community functionality" within 60 days, focused on "essential city service facilities, utilities, transportation routes, schools, neighborhood retail business, and offices and other workplaces." This was a goal we did not reach in Puerto Rico or the U.S. Virgin Islands.

² NOAA, Environmental Centers for Environmental Information, "Billion-Dollar Weather and Climate Disasters: Table of Events."

https://www.ncdc.noaa.gov/billions/events/US/1980-2017 (Downloaded November 8, 2017)

³ Federal Emergency Management Agency, FEMA Strategic Plan: Fiscal Years 2011 – 2014, February 2011, Updated July 30, 2013. https://www.fcma.gov/media-library/assets/documents/25275 (Downloaded November 8, 2017)

The level of disaster suffering of 2017 will be repeated in years to come. Major hurricanes will continue to strike the United States. Wildfires will continue to happen over what is looking like an increasing length of the season.4 Earthquakes, tornadoes, tsunamis, and other disasters will strike with little notice, and also result in great destruction.

The National Oceanic and Atmospheric Administration tracks the cost of U.S. weather-related disasters, and the trend toward more and costlier damage each year is clear.5 The number of billiondollar hurricane disasters in 2016 was the second highest, behind 2011. Looking more long-term, the average number of such disasters almost doubled since 1980. The four major hurricanes of 2017-Harvey, Irma, Maria, and Nate-resulted in combined damages of \$200 billion to \$300 billion, likely leading to a new record for total dollar damage for one year. For comparison, the previous record of annual disaster costs was in 2005, due largely to Hurricane Katrina's \$161 billion (inflation adjusted) in damage.6

The increase in disaster costs cannot be dismissed as mere chance, or an uncommon problem during a few unlucky years. Weather and climate are not the only factors resulting in an increase in damage costs. Rising population and development patterns—how many people and buildings are in the area of a disaster—are the other factors.

Leadership is Key

So what has 2017 taught us? First, strong government leadership in disaster response is key.

Having well trained, experienced, and dedicated staff at all levels is critical. You can't outsource emergency response, nor can the nation simply wait for a disaster to strike before it gets its act together.

Of course, in a disaster, every hour counts. By the time a disaster happens, it is too late to start figuring out the response. Planning and working together before a disaster is how agencies really know the nuts and bolts of what to do. And as our responses to hurricanes from Katrina to Maria showed us, disasters require preparation months and years in advance. Local responders and leaders do not have time to put together a plan when the threat is looming. This is even truer for a "no notice

⁴ Matt Richtel and Fernando Santos, "Wildfires, Once Confined to a Season, Burn Earlier and Longer," The New York Times, April 12, 2016.

https://www.nytimes.com/2016/04/13/science/wildfires-season-global-warming.html

⁽Downloaded November 8, 2017)

⁵ Adam B. Smith, "2016: A Historic year for billion -dollar weather and climate disasters in U.S.," Climate.gov, National Oceanic and Atmospheric Administration, January 9, 2017.

https://www.climate.gov/news-features/blogs/beyond-data/2016-historic-year-billion-dollar-weather-and-climatedisasters-us (Downloaded November 8, 2017)

⁶ Historic damage numbers are from NOAA, National Centers for Environmental Information, "Billion-Dollar Weather and Climate Disasters." https://www.ncdc.noaa.gov/billions/events/US/1980-2017 (Downloaded November 8, 2017) ⁷ For an outline of disaster planning steps, see Department of Homeland Security, National Preparedness Goal—Second

Edition, September 2015.

https://www.fema.gov/media-library-data/1443799615171-2aae90be55041740197e8532fc680d40/National_Preparedness_Goal_2nd_Edition.pdf (Downloaded November 8, 2017)

event" such as an earthquake. Without proper planning, federal agencies, including the military, would show up late or ill prepared.

The good news is that, since Katrina, FEMA's disaster preparation and response mission has received a lot more attention. Since Katrina, its leaders have consistently been people who are disaster and emergency response professionals, not just political appointees who learn the disaster trade after appointment. The current Administrator, Brock Long, came to FEMA having led Alabama's emergency management agency.⁸ And his predecessors in the last Administration came with similarly strong backgrounds, such as former Administrator Craig Fugate who had headed Florida's disaster agency.9

But FEMA doesn't, and cannot, do the job on its own.

State and local government's play key roles in preparing for and responding to the disasters in their collective backyards.

Equally important, FEMA operates much of the federal response in coordination with other federal agencies. FEMA's National Incident Support Manual¹⁰ describes how an operation is supposed to unfold. FEMA puts forward the "mission assignments" to get "resources"—the equipment, supplies, and trained people—to the scene: Although FEMA has some resources of its own ready to go, it is not enough and the agency largely works through the mission assignments to its federal partners for getting the quantities and types of resources to effectively respond. When FEMA wants to send generators or medical teams, the agency makes the requests to the different federal agencies with the required resource. The Department of Defense has transportation assets such as Army trucks and Air Force cargo planes, Health and Human Services the medical teams, and so on. And FEMA will ask

But FEMA cannot give orders to other agencies; it can only make requests. Even though representatives of the agencies have worked together, there can still be disagreements among the bureaucracies.

Some more good news: since Katrina federal agencies are required by law to formally prepare and practice their responses and how they work together. Every two years, the federal government tries out the agencies' response to disaster with the "National Exercise Program." The officials responsible for coordinating are brought together in a room, and a scenario is played out. In 2014 it was an Alaskan earthquake, and for 2016 the exercise focused on major acts of terrorism.

Hurricane Sandy in 2012 is an example of how good leadership can result in improved responsiveness to a national disaster. Hurricane Sandy was the second largest Atlantic storm on record, and made landfall in southern New Jersey, knocking out power for more than eight million people and causing tens of billions of dollars in damage. During the response and recovery phases,

[§] Federal Emergency Management Agency, "William B. 'Brock' Long." https://www.fema.gov/brock-long
§ Federal Emergency Management Agency, "William Craig Fugate." https://www.fema.gov/william-craig-fugate

¹⁰ Federal Emergency Response Agency, FEMA National Incident Support Manual, February 2011. https://www.fema.gov/media-library-data/20130726-1821-25045-

^{8641/}fema national incident support manual 03-23-2011.pdf (Downloaded November 8, 2017)

11 Federal Emergency Management Agency, "National Exercise Program."

https://www.fema.gov/national-exercise-program (Downloaded November 8, 2017)

President Obama established an ad hoc interagency Energy Restoration Task Force to find ways to restore power and ensure that the federal agencies effectively work together. One challenge identified during the Sandy recovery was getting a large enough number of specialized power line repair trucks, such as the "cherry pickers" used to reconnect the power lines. Many could simply be driven in across state lines, but many others needed to be air-lifted in. Due to the work of the interagency task force, the Pentagon delivered 229 vehicles by air.12

The "Sandy FEMA After-Action Report" had clear conclusions, including the need to "prepare for incidents that are larger and more complex."13 That report also stated that, "FEMA recognizes that it must plan for even larger, more severe storms and disasters."14

The National Exercise Program continues to identify disaster response problems, and to note the lessons learned. In fact, the Department of Homeland Security keeps track of gaps in the response preparations. However, not all of the lessons learned are actually put into practices. The Government Accountability Office (GAO) noted that implementation of corrective actions is not well tracked. As a result, DHS and FEMA "cannot provide a comprehensive picture of the status of national preparedness."15

Upping Our Game: Realizing Major Disasters Are the New Normal

The large and devastating Hurricane Katrina and our nation's response to it sparked a much needed debate over how to improve our response to major disasters. In 2006, Congress passed the Post-Katrina Emergency Management Reform Act, 16 which updated critical laws and policies. Based on the work of Congressional special investigative committees that examined the aftermath, the law helped define the interagency goals and preparations for major disasters.

Among its new goals, FEMA preparations for a major disaster must assume the likelihood of little to no warning, and of "cascading effects," where one disaster creates others. It is no longer adequate for the federal government to prepare for an earthquake, but instead it must expect that it can lead to a dam breaking or a nuclear power plant leaking radiation. 17

The Japanese Fukushima disaster, or more correctly disasters, points to what FEMA should now be prepared for. On March 11, 2011, a 9.0 magnitude earthquake struck. 18 The resulting deaths, injuries,

¹² Federal Emergency Management Agency, *Hurricane Sandy FEMA After-Action Report*, July 1, 2013, p. 6. https://www.fema.gov/media-library-data/20130726-1923-25045-7442/sandy_fema_aar.pdf (Hereinafter Sandy FEMA After-Action Report) (Downloaded November 8, 2017)

³ Sandy FEMA After-Action Report, p. v.

¹⁴ Sandy FEMA After-Action Report, p. 36.

¹⁵ Government Accountability Office, Emergency Preparedness: Opportunities Exist to Strengthen Interagency Assessments and Accountability for Closing Capability Gaps, GAO-15-20, December 2014 https://www.gao.gov/products/GAO-15-20 (Downloaded November 8, 2017)

¹⁶ Post-Katrina Emergency Management Reform Act of 2006, Title VI of Public Law 109-295.

https://www.gpo.gov/fdsys/pkg/Pl_AW-109publ295/html/PLAW-109publ295.htm (Downloaded November 8, 2017)

¹⁷ Federal Emergency Management Agency, National Response Framework: Third Edition, June 2016, pp. 7 and 51. https://www.femm.gov/media-library/assets/documents/117791 (Downloaded November 8, 2017)

18 Becky Oskin, "Japan Earthquake & Tsunami of 2011: Facts and Information," LiveScience, September 13, 2017.

https://www.livescience.com/39110-japan-2011-carthquake-tsunami-facts.html (Downloaded November 8, 2017)

and major damage to buildings, roads, and other infrastructure in Japan was bad enough. But the earthquake triggered a 10 - 40 meter-high Tsunami that struck the coast.

Not only did more than fifteen thousand people perish and hundreds of thousands lose their homes, but things got worse. Several of the nation's reactors suffered damage, and ironically, fell victim to electrical power outages causing a partial nuclear melting and radioactive contamination.

The multiple types of disasters happening concurrently was not something Japan was well prepared to handle. But this cascade of disasters will not prove atypical.

It is time to up our game.

The last two months of U.S. disasters, including four hurricanes occurring within six weeks, stretched, and continues to stretch, our response resources. Preparing for one major disaster is simply not good enough. The nation should assume that multiple disasters within a short time period of a few weeks or days is the new normal. If we don't prepare now for more and larger-scale disasters, we simply will not be ready when they happen.

Congress and the Executive Need to Get to the New Normal

The executive branch has more to do to truly prepare for the new normal of major disasters. Smarter planning, with an eye on larger, more constant and caseading disasters, is a start. There also needs to be tighter cooperation among the federal agencies that respond to disasters.

The cost of getting ready for larger disasters does not have to break the bank. For example, an audit by the GAO put the annual cost of the ten FEMA centers responsible for storing and supplying basic items like bottled water and medical kits at about \$65 million a year, small compared to the cost of disaster response. ¹⁹ And the cost of purchasing supplies and equipment in advance is less than purchasing the same during the crisis after the disaster has struck, and when prices are higher and logistics more complicated. FEMA and the disaster response community should consider increasing the quantities of supplies based on lessons learned from recent experience. Further, FEMA should stock additional types of items, such as those that are needed when there are power or mobile-phone outages.

More Money Will Be Spent

Just providing more money will not solve everything, but it's a start, and the recent trend in the cost of disaster recovery efforts tells us that we are not setting aside nearly enough to help the impacted communities. Rather than recognizing that multiple, large disasters are a major risk with a high likelihood each year, Congress does not allocate in advance the amount of money likely to be needed.²⁰ This affects the critical interagency planning and preparations.

¹⁹ Government Accountability Office, Emergency Management: FEMA Collaborates Effectively with Logistics Partners but Could Strengthen Implementation of Its Capabilities Assessment Tool, GAO-15-781, September 2015. https://www.gao.gov/assets/680/672413.pdf (Downloaded November 8, 2017)

https://www.gao.gov/assets/680/672413.pdf (Downloaded November 8, 2017)

The status of the Disaster Relief Fund is updated monthly and describes all expenditures for the year, as well as allocations. U.S. Department of Homeland Security, Disaster Relief Fund: Monthly Report as of September 30, 2017, October 11, 2017. https://www.fema.gov/media-library/assets/documents/31789; For a history of the Disaster Relief Fund

And after disasters do strike, even with Members of Congress from the disaster areas understandably pressing for recovery monies, the budget process faces delays, with decisions about how much to allocate for natural disaster relief often put off until days or weeks after they occur. It was 35 days after the most recent hurricane, Hurricane Maria, came and left Puerto Rico and the U.S. Virgin Islands that Congress passed a \$36.5 billion hurricane relief bill with funding for these and other areas impacted by this hurricane season.21

Good stewardship over billions of dollars in spending also demands more consistent oversight resources and attention. Whether it's agency spending for federal employees on the ground, contracting, or assistance and benefits to individuals, the upsurge in spending is at risk for waste and fraud. Auditing and oversight takes resources, and the interagency aspect of disaster response adds complexity. Increases in disaster spending should include new funds for Inspectors General and the GAO to perform their oversight. However, oversight cannot ramp up as quickly as disaster spending, so Congress needs to include oversight budgeting on a regular basis.

The Federal Government Should Address the New Normal Before the Next Disasters

Congress, FEMA, and the White House need to address the fact that multiple, catastrophic disasters is the new normal. More realistic budget submissions should reflect the actual cost of recovery, and the need for stronger, smarter preparations.

Despite clear trends, the federal government continues to plan for catastrophic disasters the way it always has-allotting some portion of funds that are never enough, failing to certify the readiness of the infrastructure, and only planning for one major disaster at a time. We can no longer operate this way. The federal government needs to recognize that the increased frequency of hurricanes, rainfalls, fires, droughts, and other disasters is the new normal, and to begin planning for multiple disasters in a given year, sometimes within a short time period of a few weeks or days. American lives depend on

Thank you once again for the opportunity to provide our testimony to the Committee. Please do not hesitate to contact me and my colleagues at the Project On Government Oversight if you have any questions.

Sincerely,

Peter Tyler Senior Policy Analyst ptyler@pogo.org

Peter Zeler

allocations, see Congressional Research Service, FEMA's Disaster Relief Fund: Overview and Selected Issues, May 7, 2014. https://fas.org/sep/crs/homesec_R43537.pdf (All downloaded November 8, 2017)

21 Thomas Kaplan, "Senate Approves \$36.5 billion Aid Package As Hurricane Costs Mount," *The New York Times*,

October 24, 2017.

https://www.nytimes.com/2017/10/24/us/politics/senate-congress-disaster-aid-hurricanes-fire.html (Downloaded November 8, 2017)

Post-Hearing Questions for the Record Submitted to the Honorable Brock Long From Senator Claire McCaskill

"2017 Hurricane Season: Oversight of the Federal Response" October 31, 2017

1
Hurricane Mission Assignments
2017 Hurricane Season: Oversight of the Federal Response
The Honorable Claire McCaskill
HOMELAND SECURITY (SENATE)

Question: Please provide a comprehensive list of all mission assignments that were issued in preparation for or in response to Hurricanes Harvey, Irma, and Maria respectively. At a minimum, the list should include the mission assignment number, the time and date each assignment was issued, the federal department or agency that received each assignment, the emergency support function that each assignment supported, a narrative description of each assignment, projected mission completion dates, and dollar amount.

Response: Please see attachment for complete response to the above question. *Please note: The database does not include a timestamp for the issuance of Mission Assignments.*

Question#:	2
Topic:	Briefings Transmitted
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Claire McCaskill
Committee:	HOMELAND SECURITY (SENATE)

Question: Please provide copies of all senior leadership briefings transmitted through the Homeland Security Information Network or through other methods relating to the federal government's preparation for or response to Hurricanes Harvey, Irma, and Maria for each of the seven days preceding each storm's landfall in Texas, Florida, and Puerto Rico and for each of the 21 days following each storm's landfall.

Response: Due to the large amount of information, these briefings will be provided under separate cover.

Question#:	3
Topic:	Employees Deployed
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Claire McCaskill
Committee:	HOMELAND SECURITY (SENATE)

Question: Please list the total number of federal employees that had been deployed to each disaster by department or agency for each of the seven days preceding each storm's landfall in Texas, Florida, and Puerto Rico and for each of the 21 days following each storm's landfall.

Response: Please see the attached spreadsheet for a detailed breakdown of FEMA and Surge Capacity Force personnel deployed to Harvey (Texas), Irma (Florida and Puerto Rico), and Maria (Puerto Rico).

Prior to September 3 in Puerto Rico and September 5 in Florida, FEMA did not have personnel pre-deployed to these disaster locations. Due to response efforts involved with Harvey and other incidents, personnel were not pre-positioned to these locations until the 3 and 5 respectively. However, FEMA did have personnel pre-positioned at the Personnel Mobilization Center in Anniston, Alabama awaiting orders to deploy to a final duty station once it was confirmed they could be received and accommodated in the disaster areas.

Additionally, due to the last-minute repositioning of Federal resources ahead of Maria's imminent landfall in Puerto Rico, an exact count of FEMA personnel is not available for September 20. Forecasts expected the entire island to fall within the area of impact, resulting in the Agency's determination that responders could not be pre-positioned in the territory. Most FEMA responders who were already deployed to Puerto Rico were relocated to Atlanta, Georgia prior to Maria's landfall to ensure that they would not place additional strain on the immediate emergency response operations and the local economy. FEMA positioned responders in Atlanta, Georgia and Anniston, Alabama ahead of Maria's landfall, and conducted staging operations from those locations.

Questi	on#: 4
To	ppic: Puerto Rico Timeline
Hear	ring: 2017 Hurricane Season: Oversight of the Federal Response
Prim	ary: The Honorable Claire McCaskill
Commi	ttee: HOMELAND SECURITY (SENATE)

Question: When (time and date) did the following occur in Puerto Rico:

Regional Response Coordination Center activated;

Response: The Regional Response Coordination Center was activated on September 3, 2017.

Question: FEMA Region II Interim Operating Facility established;

Response: The FEMA Region II Interim Operating Facility was activated on September 4, 2017 at the Caribbean Distribution Center Warehouse.

Question: Incident Management Assistance Teams (IMATs) requested;

Response: IMAT's were requested on September 3, 2017.

Question: Declaration of Emergency issued;

Response: The Governor of Puerto Rico declared a state of emergency for Hurricane Irma on September 4, 2017 and for Hurricane Maria on September 17, 2017.

Question: Health care facilities evacuated;

Response: Non-critical patients were discharged 72 hours prior to Irma (September 2, 2017). On September 30, 2017, San Francisco Hospital in Rio Piedras, San Juan medically evacuated 49 patients, seven of whom were on ventilators, due to fire induced by generators.

Question: Emergency Operations Center (EOC) fully activated;

Response: EOC's for Hurricanes Irma and Maria were activated on September 5, 2017 and September 18, 2017, respectively.

Question: Joint Information Center (JIC) established;

Response: The JIC was activated on September 3, 2017.

Question: Directed evacuations ordered;

Question#:	4
Topic:	Puerto Rico Timeline
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Claire McCaskill
Committee:	HOMELAND SECURITY (SENATE)

Response: Directed evacuations occurred as early as September 3, 2017, as ordered by specific mayors of the municipalities such as San Juan, Luquillo, Loiza, Caguas and Humacao for high risk communities.

Question: Executive order freezing prices issued;

Response: Puerto Rico Executive Order number 2017-004 freezing prices was issued on September 3, 2017 and continues to be extended; the expiration date was December 5, 2017.

Question: Commonwealth shelters opened;

Response: Commonwealth shelters were opened on September 3, 2017 for Hurricane

Irma and on September 17, 2017 for Hurricane Maria

Question: Pre-disaster emergency declaration issued;

Response: For Hurricane Irma, the Federal Emergency Disaster Declaration was granted on September 5, 2017 and the Federal Major Disaster Declaration was granted on September 10, 2017. For Hurricane Maria, the Federal Emergency Disaster Declaration was granted on September 18, 2017 and the Federal Major Disaster Declaration was granted on September 20, 2017.

Question: Shelter in Place directive given:

Response: Shelter in place orders were issued on September 19, 2017.

Question: Airports closed

Response: All airports were closed by September 6, 2017.

Question#:	5
Topic:	State Administrative Plans
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Claire McCaskill
Committee:	HOMELAND SECURITY (SENATE)

Question: Please provide copies of the State Administrative Plans that the state of Texas, state of Florida, and Commonwealth of Puerto Rico submitted to FEMA in accordance with 44 CFR § 206.207(b) following Hurricanes Harvey, Irma, and Maria

Response: Due to the amount of requested information, this response will be provided under separate cover.

Puerto Rico and Florida- Attachments available under separate cover

Texas- For the Hazard Mitigation Grant Program (HMGP), we have completed courtesy reviews and technical assistance on the State's HMGP Administrative Plan, but it has not been officially submitted for review and approval. Public Assistance (PA) plan is available under separate cover.

Question#:	6
Topic:	Individual Assistance Applications
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Claire McCaskill
Committee:	HOMELAND SECURITY (SENATE)

Question: How many applications for Individual Assistance has FEMA received following Hurricanes Harvey, Irma, and Maria, respectively? How many of those applications have been approved? How many have been denied? How many applications are still pending? How do those approval rates compare to prior disasters, and what factors might account for any differences?

Response: For Hurricanes Harvey, Irma, and Maria, FEMA received 4,663,517 valid registrations for FEMA Disaster Assistance as of December 7, 2017. Please note that a valid registration does not reflect whether it is eligible or ineligible for assistance. For a registration to be valid, it must meet four criteria:

- Damage sustained is within a declared county
- Date reported for when damages occurred to home/personal property is within incident period (time frame declared for incident)
- Type of damage reported for home/personal property (i.e. hurricane, flooding, etc.) is the same as incident type declared.
- Registration is submitted before the filing deadline for the disaster.

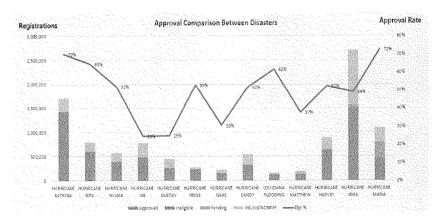
A breakdown of the registrations by hurricane as of December 7, 2017 is included in the table below. The breakdown includes the number of valid registrations, registrations referred for possible assistance, registrations approved for assistance, registrations that are still pending, registrations that have been found to be ineligible for assistance, registrations that have been voluntarily withdrawn, and registrations where no decision has been made due to an indication that insurance would cover all or part of the damage. The table also shows the number of approved Individuals and Households Program assistance for each hurricane.

Disaster Name	HURRICANE HARVEY	HURRICANE IRMA	HURRICANE MARIA
Valid Registrations	891,756	2,698,343	1,099,747
Referrals	739,527	1,964,460	850,108
Approved	358,072	768,652	303,343
Pending	9,297	60,522	318,927
Ineligible	275,805	733,769	164,643
Withdrawn	48,882	106,693	40,383

ion#:	6
opic:	Individual Assistance Applications
ring:	2017 Hurricane Season: Oversight of the Federal Response
nary:	The Honorable Claire McCaskill
ittee:	HOMELAND SECURITY (SENATE)
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NoDecision- INS	47,471	294,824	22,812
Approved Amount	\$1,463,684,248	\$978,767,644	\$451,999,105

Approval rates between separate disasters can vary significantly, as every disaster is different. There are a number of factors that affect approval rates for a disaster; the cause and scope of damage and the percentage of individuals who have insurance coverage for all or part of the damage are especially responsible for variation. The chart below provides a comparison of approval rates between several disasters using data as of December 7, 2017. The approval rate shows the percentage of registrations that were found eligible and thus approved for assistance. On the bar graph, blue represents the number of registrations found to be ineligible, gray represents the number of registrations still pending, and yellow represents the number of registrations that were not referred for assistance, voluntarily withdrawn, or indicated that they had insurance for all or part of the damage. The blue line graph shows the approval rate for each disaster.



Question#:	7
Topic:	Public Assistance Delivery
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Claire McCaskill
Committee:	HOMELAND SECURITY (SENATE)

Question: How has FEMA's redesigned Public Assistance delivery model been utilized during the response to and recovery from Hurricanes Harvey, Irma, and Maria? When will the delivery model be implemented nationwide? To what extent have FEMA employees - and state, local, and territorial officials in Texas, Florida, and Puerto Rico - been trained to utilize the redesigned delivery model?

Response: In order to improve the recoveries of disaster-affected communities and local governments, all but seven disasters declared after September 12, 2017 are using the updated Public Assistance delivery model. All future disasters will use the updated delivery model.

Historically, the Public Assistance Program struggled to deliver intended outcomes to communities recovering from disasters. In 2014, FEMA began a multi-year effort to address these challenges. This effort resulted in a series of process improvements, refined roles, responsibilities and training, and new technology tools that FEMA referred to collectively as a "new" delivery model. The changed delivery model simplifies and improves the delivery of Public Assistance Program grants by deliberately targeting the early steps of the grant program—grant development and funding—in order to avoid challenges that historically arose in later funding reconciliation and grant closure steps. . These changes are intended to drive five major outcomes: improve timeliness, simplify process, increase efficiency, increase accessibility and improve accuracy. Over the last two years, FEMA tested these changes in Georgia, Iowa, Missouri, North Dakota, New Hampshire, Oregon, Vermont, and Wyoming. The results of these tests, as measured by twenty-two strategic level metrics, show improved simplicity, accuracy, timeliness, and accessibility for local communities, as well as projected efficiencies. Based on this success, on September 4 the State of Texas and FEMA agreed to use the updated model of delivery of the Public Assistance Program for Hurricane Harvey, DR-4332-TX.

In implementing that decision, FEMA began to train over 1,000 state and local officials from Texas and over 800 FEMA employees, contractors, and other federal agency staff on the updated delivery model. Further, FEMA began mobilizing additional technical staff to Consolidated Resource Centers in Denton, Texas and Winchester, Virginia. Based on this significant undertaking, on September 12, 2017, FEMA made the decision to begin implementing the updated model nationwide for all subsequent declared disasters. Since then, additional disaster declarations for Alaska, California, Florida, the Seminole Tribe of Florida, Georgia, Louisiana, Mississippi, New York, South Carolina, and Wisconsin began using the updated delivery model. Because Alabama, Idaho, Puerto Rico, and the U.S. Virgin Islands received disaster declarations shortly after this decision

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Public Assistance Delivery
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but were in the process of implementing the Public Assistance Program for prior events using the legacy delivery model, these events are not using the updated delivery model.

In each of the events using the updated delivery model, FEMA employees and state, local, tribal, and territorial officials have been trained to utilize the updated process and tools. They have been provided formal classroom training, on-the-job coaching and mentoring, online video and webinar tutorials, and access to a telephone hotline for continuous training support. Through these efforts, FEMA has trained over 2,500 individuals to use the updated delivery model. FEMA will continue to provide support for all events using the updated model to ensure federal, state, local, tribal, and territorial staff are adequately trained.

Question#:	8
Topic:	Persons with Disabilities
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Claire McCaskill
Committee:	HOMELAND SECURITY (SENATE)

Question: Please describe the efforts your agency has made to meet the specific needs of persons with disabilities during the response to and recovery from Hurricanes Harvey, Irma, and Maria.

Response: During the responses to Hurricanes Harvey, Irma, and Maria, FEMA deployed the Disability Integration Cadre. These individuals ensure survivors with disabilities and other access and functional needs have access to the programs and services FEMA provides in order to facilitate their recovery.

Virgin Islands:

FEMA's Disability Integration Cadre partnered with the Disability Rights Centers in St. Croix and St. Thomas to provide accessible facilities for survivors with disabilities to register for FEMA assistance. FEMA provided accessible communication for survivors, including American Sign Language (ASL) interpreters as well as staff to guide survivors with disabilities through the FEMA registration process.

Additionally, FEMA's Office of Disability Integration and Coordination ("Disability Integration") partnered with the Immediate Needs Task Force on the US Virgin Islands to match donated durable medical equipment (DME) with individuals who needed replacement equipment.

FEMA Disaster Survivor Assistance (DSA) teams made home visits to survivors whose disabilities made it impossible for them to leave home to register; such individuals were identified in partnership with the local Centers for Independent Living.

Regular phone calls with disability community partner organizations were initiated across the islands, resulting in Disability Integration referring survivors to agencies providing food, water, and other goods.

Disability Integration also assisted the Shelter Transition Task Forces on all three islands, coordinating with other federal agencies, FEMA IA, and the Red Cross to interview survivors with disabilities and other access and functional needs in shelters. The information collected from these interviews helped mitigate issues that can arise when transitioning from shelters to accessible and appropriate housing.

Partnerships between Disability Integration and the Virgin Islands University Center for Excellence in Developmental Disabilities and the Virgin Islands Developmental

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Disability Council, to implement recommendations supplied by the Department of Health and Human Services (HHS), resulted in the creation of sensory kits for individuals with disabilities in shelters. Additionally, Disability Integration Cadre and the Virgin Island Deaf and Hard of Hearing Association disseminated information to the deaf and hard of hearing community on programs and resources to secure new hearing aids and hearing aid repairs.

Texas:

Over 30,000 households indicated they had a disaster-related access and functional need and Disability Integration worked with Individual Assistance (IA) and Disaster Survivor Assistance (DSA) to identify and address unmet needs.

Disability Integration provides American Sign Language Interpreters, Certified Deaf Interpreters, and Disability Integration Advisors. Disability Integration supported speakers bureau events, conducted accessibility site inspections, were embedded with DSA to support survivors with disabilities, and provided sign language interpretation services.

Accessible videos were created in the field and at headquarters and included captions, American Sign Language interpretation, and were translated into several languages.

Disability Integration is embedded into the National Disaster Recovery Framework (NDRF) to ensure the needs of survivors with disabilities are accounted for across all Recovery Support Functions.

Florida:

In Florida, Disability Integration works closely with the state's Disability Coordinator to assist individuals with disabilities in general population and special medical needs shelters. A regular conference call with over 20 of Florida's disability partner organizations results in dissemination of information to affected individuals with disabilities, identification and distribution of resources, and efficient means of addressing unmet needs.

Additionally, Disability Integration is embedded with the FEMA Housing Task Force to ensure that the needs of families with disabilities and other access and functional needs are fully addressed in their housing solution.

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Disability Integration partners with several Centers for Independent Living to register survivors with disabilities for FEMA programs and services. Disability Integration worked with FEMA IA to address unmet needs of survivors with disabilities and connected them with disability partner organizations to facilitate solutions.

Disability Integration works with FEMA's Office of External Affairs to support accessible communication at public meetings and events, including through provision of American Sign Language (ASL) interpreters.

Puerto Rico:

In Puerto Rico, Disability Integration works to provide effective communication to deaf survivors through a contract for the provision of ASL interpreters on the island. The interpreters accompanied DSA in canvassing neighborhoods. Additionally, interpreters provide sign language interpretation at DRCs, housing inspections, and Facebook Live events.

Additionally, Disability Integration collaborated with the North Carolina Department of Emergency Management (detailed to Puerto Rico Emergency Management Agency) on revising the shelter intake form to be more accessible and inclusive.

Disability Integration participates in regular calls with disability partner organizations including Movimiento para el Alcance de Vida Independiente (MAVI) a local Center for Independent Living, the Puerto Rico Developmental Disabilities Council, Defensoria de personas con Impedimentos (the Protection and Advocacy agency), El Programa de Asistencia Tecnológica de Puerto Rico, (the Assistive Technology Center), and the Puerto Rico University Center for Excellence on Developmental Disabilities/IDD. Regular meetings and calls allow for sharing of information and resources, resulting in improved outreach to the disability community, identification of needs, and the ability to meet those needs.

Disability Integration is supporting the PR Department of Health Maternal Child Health Department, through facilitating the order of 100 sensory kits, again based on HHS recommendations, to support children with autism and other developmental disabilities. The kits are made up of a number of items designed to support the sensory needs of children in the shelter setting. The items range from weighted vests and blankets to noise canceling headphones and communication systems. Further, Disability Integration collaborates with NGOs to collect and distribute consumable and durable medical supplies to survivors with disabilities.

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Puerto Rico Infrastructure Systems
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Question: Please describe the current state of federal response to address the operations of Puerto Rico's Infrastructure Systems as specified in Tab 5 to Appendix 2 of the FEMA Region II Hurricane Annex for PR and VI.

Response: Below is an overview of the current state of the federal response as specified in Tab 5 of Appendix 2 of the FEMA Region II Hurricane Annex for Puerto Rico. The focus continues to be the survivors' immediate needs, and critical infrastructure and key resources (CIKR) assets, which include energy supply, transportation, communications/internet, water supply, and health care facilities. (Note: Information is as of November 25, 2017)

Current Situation:

- Remote damage estimates of the impacted areas of Puerto Rico are based on Civil
 Air Patrol (CAP), and National Oceanic and Atmospheric Administration
 (NOAA) visual imagery and geospatial analysis. The total number of structures
 within the impacted area is approximately 1,594,650. Of that number,
 approximately 53,664 structures were affected and an estimated 3,341 destroyed.
- Post-landfall infrastructure and public works assessments continue to be conducted.
- \$452,389,435 in Public Assistance Program funding has been obligated. There have been 282 requests for public assistance (RPA).
- The government of Puerto Rico, FEMA, non-governmental organizations (NGOs), and other partners continue to provide water and meals on a daily basis to survivors. Approximately 35.3 million meals, 8.5 million gallons of potable water, and 44.9 million liters of bottled water have been delivered to survivors in municipalities. (Daily Fact Sheet 11-25-17)

FEMA and the government of Puerto Rico, in collaboration with our federal partners, continue to identify goals and develop metrics to clearly and accurately assess capacity and needs. Our staff in the field, as well as in the Joint Field Office in San Juan, coordinate closely with each other within the existing Incident Command System structure, to meet those goals and identify and overcome challenges.

The joint partnership between FEMA and the government of Puerto Rico has identified the need to concentrate on several key focus areas: power restoration, housing, water service restoration, public health, debris removal, survivor support, communications and mitigation.

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Topic:	Puerto Rico Infrastructure Systems
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
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The following information represents a summary of the current state of the federal response and recovery efforts related to the focus areas (as of November 25, 2017):

Power:

Power has been restored to 61.4 percent of the pre-storm average load. Additionally, 700 generators have been installed at CIKR sites and other facilities to provide power for critical infrastructure.

- The U.S. Army Corps of Engineers (USACE) has a FEMA mission assignment to lead planning, coordination, and integration efforts to execute emergency electrical power grid repair in Puerto Rico.
- The process of repairing the grid includes four main lines of effort: provide temporary emergency power and spot generation for critical facilities like hospitals and shelters; ensure adequate generation at the power plants; reinstall and repair transmission lines; and restore and repair distribution lines, ultimately providing power to local residences.
- Puerto Rico has 1,143 miles of transmission lines, of which 51.4 percent are energized. There are 336 sub-stations, of which 75.3 percent are operational. Repairs have been made to 60.7 percent of the damaged transmission lines.
- Two generators, part of a \$35.1 million contract by the U.S. Army Corps of Engineers, were successfully integrated with electrical grid at the Palo Seco power plant. The generators are currently providing about 30MW to the Puerto Rico electrical grid with the ability to provide up 50MW, depending on demand.

Transportation System:

Airport Status: All airports are open without restriction, except the following:

- OPEN sunrise to sunset Visual Flight Rules (VFR) only:
 - o Mayaguez (MAZ)
 - o Isla De Culebra (CPX)
 - o Isla De Vieques (VQS)

Port status: All ports are open without restrictions, except the following:

- Guayama, PR Open draft restricted to 33 ft. per Marine Safety Inspection Bulletin (MSIB) 31-17
- Yabucoa, PR daylight transit only; draft less than 37 ft.

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• Mayaguez, PR – daylight transit only; draft less than 28 ft.

The Puerto Rico Highway Transportation Authority (PRHTA) has inspected 1,575 of the 2,338 bridges as defined by the National Bridge Inspection Standard in Puerto Rico. Of the 1,575 bridges inspected, 1,235 have no identified disaster related damages.

- Hurricane Maria damaged 340 of the bridges inspected, with damage occurring
 in one or more of their elements. This conclusion was reached by comparing
 previous inspection reports with current conditions found at bridges.
- · 47 bridges are closed.
- 12 damaged or destroyed bridges are under construction.
- 155 damaged or destroyed bridges are currently being designed.

Highways and bridges are continually assessed, repairs are prioritized, and resources for necessary repairs are identified. The situation, however, remains fluid because of the weather and availability of crews and equipment.

The Federal Transit Administration (FTA) completed damage assessments on the Tren Urbano (rail system), Autoridad de Transporte Maritimo (ATM) (ferry system), and Autoridad Metropolitana de Autobuses (AMA) (San Juan bus system), along with municipalities across the island. Each of the three major systems and 64 municipalities sustained varying amounts of damage to their transit assets. FTA completed its assessment of damage to capital transit assets across the islands, and continues to work with all transit providers on the island to finalize the emergency operations costs in the wake of Hurricane Maria.

- All Tren Urbano stations received some level of damage. In addition, their
 operations and maintenance facility, power and communication systems, and
 several rail vehicles were also damaged. Two stations remain closed due to
 major structural damage.
- AMA damages impacted buses, bus terminals, and a radio tower.
- Two ATM ferry vessels were docked in St. Thomas, Virgin Islands for repairs during Hurricane Irma. One of these was damaged and the other is considered a total loss. Hurricane Maria caused minor damage to two other vessels, while also damaging six ferry terminals and a maintenance facility in Puerto Rico. ATM Island Service is running 4 vessels presently (3 cargo/passenger ferries, 1 passenger only) with four roundtrips per day for each of the Municipal Islands of Viegues and Culebra PR. ATM's metro service is also back in operation.
- Municipalities across the island experienced varying levels of damage to transit facilities, vehicles, and other assets.

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Communications:

Cellular communication sites continue to come online and 95.67 percent of the island's population now has access to wireless coverage for voice call or text message. Wireless companies are sharing resources and have activated roaming agreements across all carriers, giving residents and responders more access to coverage.

Water Restoration:

The Puerto Rico Aqueduct & Sewer Authority (PRASA) is reporting 92.6 percent of clients have access to potable water service. The Water Task Force is reporting that 83.1 percent of non-PRASA community water systems are operational. Reverse osmosis water purification units are producing water in the municipalities of Quebradillas, Jayuya, and Comerio.

- Approximately 8.5 million gallons of potable water and 44.9 million liters of bottled water have been delivered to survivors in municipalities.
- A boil-water advisory remains in effect across many parts of the island.

Public Health:

- All 68 hospitals are operational, 59 are on grid power and nine (9) are on generator power.
- Eighty two (82) of 107 medical clinics are operational. Fifty eight (58) are on grid power and 27 on generator power.
- Forty five (45) of 48 dialysis facilities are operational. Thirty six (35) are on grid power and 10 on generator power.
- Over 4,700 medical personnel have been deployed and 36,002 survivors have received care.

Housing Assistance:

There are a wide range of housing options currently available for Puerto Ricans displaced by hurricanes Irma and Maria. These forms of housing assistance are either provided directly to disaster survivors, or though financial grants to assist survivors with their housing needs.

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As of December 6, 2017, over 1 million individuals and families have registered with FEMA for assistance and \$445,739,189 of financial assistance has been provided (\$227 million in housing assistance and \$218 million in assistance for other needs).

Housing Resources provided directly to Disaster Survivors:

Sheltering and Temporary Essential Power (STEP) Also referred to in Puerto Rico as Tu Hogar Renace (Your Home Reborn): Managed by the government of Puerto Rico, a homeowner's primary residence may be eligible for necessary repairs to return the home to safe, habitable, and functional conditions.

Transitional Sheltering Assistance (TSA): Transitional Sheltering Assistance is a temporary hotel room available for a period of time to survivors who have a need for shelter in Puerto Rico or the continental United States to find a participating hotel, disaster survivors should visit http://www.femaevachotels.com/index.php.

Blue Roof Program: Operation Blue Roof, managed by the U.S. Army Corps of Engineers, installs a temporary covering of reinforced blue plastic sheeting over the damaged roof to help reduce further damage to property until permanent repairs can be made. There are approximately 65,000 roofs eligible for the Blue Roof program, with 55,385 blue roofs installed have been completed as of Feb. 3, 2018. The mission is 85 percent complete, with an average of over 625 temporary roofs installed each day over the last two weeks.

Direct Lease and Multi-Family Lease and Repair: Vacant units are leased by FEMA and are used as temporary housing for disaster survivors. FEMA pays the rent for these units for 18 months. Property owners interested in participating can email FEMA-Lease-PR@fema.dhs.gov.

Permanent Housing Construction (Direct Repairs): Permanent repairs on eligible homes are completed by FEMA to make a home habitable where no alternative housing resources are available, and other types of Temporary Housing Assistance are unavailable, infeasible or not cost-effective. PHC-Repair labor and materials costs for Puerto Rico is capped at \$60,000.

Financial Assistance Available to Disaster Survivors for Housing Needs

Rental Assistance: FEMA will provide funds directly to disaster survivors, who are then responsible for finding available rental resources of their choosing.

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Home Repairs: Financial grant to help make minimal repairs to a primary residence, utilities, and residential structure, including privately-owned access routes (driveways, roads, or bridges) to a safe and sanitary living or functioning condition.

Other Needs Assistance (ONA): Financial grant for uninsured or underinsured, disasterrelated, necessary expenses and serious needs. This may include housing related expenses other than rent, such as repair or replacement of household appliances and furnishings, uniforms, tools and equipment required for your job, school books and supplies.

Debris:

For the response to Hurricane Maria in Puerto Rico, FEMA assigned the United States Army Corps of Engineers (USACE) to the mission of assisting with debris removal and associated assessment and planning efforts. This is coordinated jointly between FEMA, USACE, the Environmental Protection Agency (EPA), and the government of Puerto Rico

The US Army Corps of Engineers (USACE) currently has ongoing operations in 54 municipalities and has cleared a cumulative 2,871,444 cubic yards of debris (as of Feb. 5) of the 3.9 million it was tasked with removing, enabling communities to recover faster. Debris removal continues to be a priority.

In addition to USACE's mission to assist with debris, many municipalities have chosen to conduct their own debris removal using available local or Puerto Rico government resources and contractors. Under the Public Assistance Program, Category A, FEMA reimburses eligible applicants for debris removal based on the agreed upon cost share. Currently, all 78 municipalities are coordinating directly with FEMA and the government of Puerto Rico on eligible debris removal activities.

Question#:	10
Topic:	Authority to Build a Power Grid
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Claire McCaskill
Committee:	HOMELAND SECURITY (SENATE)

Question: In testimony you stated that in order to build a power grid in Puerto Rico that is resilient, it "is going to require authorities far greater than the Stafford Act affords me at FEMA." Please provide additional information on this point.

Response: The Robert T. Stafford Disaster Relief and Emergency Assistance Act (Stafford Act) authorizes FEMA to provide Federal reimbursement for the repair and replacement of public infrastructure damaged by a disaster event, for mitigation measures that will make damaged infrastructure more resilient, and for mitigation measures typically prioritized by the grantee to increase the resilience of citizens and public infrastructure. So FEMA has authority to provide financial assistance to the Puerto Rico Electric Power Authority (PREPA) to restore damages caused by the declared hurricanes and to make the power grid more resilient from future damages.

Puerto Rico's power infrastructure was not, however, fully maintained prior to the disasters and consists of aged component parts that do not meet modern standards or operate efficiently. In some circumstances, it may be very difficult for FEMA to determine whether a component is degraded because of lack of maintenance or because of disaster damage. In other circumstances, repairs funded by FEMA to disaster damaged components of the electrical grid may not be fully functional without also replacing outdated, undamaged components.

In the Bipartisan Budget Act of 2018, P.L. 115-123, Congress provided FEMA additional authority to address these circumstances. Specifically, Congress authorized FEMA in section 20601 of the Bipartisan Budget Act, for critical services in Puerto Rico and the U.S. Virgin Islands, to replace or restore the function of a facility or system to industry standards without regard to pre-disaster condition and to replace or restore undamaged components of a facility or system to fully effectuate the replacement or restoration of disaster-damaged components. In addition, Congress provided the U.S. Department of Housing and Urban Development, up to \$2 billion through its CDBG program "to be used to provide enhanced or improved electrical power systems." FEMA now believes there is sufficient authority to rebuild a resilient power grid in Puerto Rico.

Question#:	11
Topic:	PREPA and Whitefish Contract
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Claire McCaskill
Committee:	HOMELAND SECURITY (SENATE)

Question: In testimony you stated that FEMA was notified of the contract between PREPA and Whitefish "several weeks after the fact." However, recently released documents provide evidence that FEMA attorneys were involved in the drafting of the amended contract signed by PREPA and Whitefish on October 17, 2017. Email communications indicate that FEMA attorneys reviewed drafts of the Whitefish contract and provided feedback to PREPA in emails on October 11 and 12, 2017. A recent report indicates that FEMA officials met with PREPA on October 7, 2017 to discuss Whitefish's work with PREPA. Additionally, Governor Ricardo Rosselló of Puerto Rico wrote to the Department of Homeland Security Office of Inspector General that FEMA and lawyers representing PREPA on the Whitefish contract, on October 24, 2017, had a three-hour call regarding the contract.

Did FEMA review drafts of any contract (or amendment) between PREPA and Whitefish prior to the signing of the amended contract on October 17, 2017? If so, please explain FEMA's role.

Response: PREPA executed its contract with Whitefish on September 26, 2017. FEMA became aware of the contract for the first time in the context of a meeting with PREPA on October 7, 2017 – eleven days after the contract was signed. At that meeting, FEMA counsel provided general oral feedback that the contract was missing several elements required by federal regulation.

Attorneys on FEMA's Procurement Disaster Assistance Team (PDAT) received the contract on October 11, 2017, and confirmed with FEMA counsel in Puerto Rico that the contract was missing several required elements. In addition, PREPA counsel asked FEMA counsel in Puerto Rico about contract language related to cost plus a percentage of cost contracts, and FEMA counsel provided PREPA with the citations for the applicable procurement rules the next day, October 12, 2017. PREPA counsel responded that they were working to get the contract into "proper form."

FEMA was not a party to the contract between PREPA and Whitefish. FEMA counsel involvement on October 7, 11, and 12, 2017 focused on helping PREPA understand procurement rules and the contract's possible noncompliance with federal procurement regulation. At no time did FEMA counsel approve the contract or validate cost reasonableness or compliance with PREPA procurement standards. FEMA has no authority to approve contracts between third parties, although it can decide not to reimburse expenses for contracts that do not comply with applicable federal procurement rules, cost principles, or other FEMA policies.

Question#:	11
Topic:	PREPA and Whitefish Contract
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Claire McCaskill
Committee:	HOMELAND SECURITY (SENATE)

Question: Did FEMA provide feedback to PREPA or Whitefish on any draft contract or related language prior to the signing of the amended contract on October 17, 2017? If so, please explain.

Response: FEMA provided general oral feedback to PREPA as described above on October 7, 2017. PREPA counsel requested information on October 11, 2017, and FEMA counsel provided a citation to the relevant federal regulation on October 12, 2017.

Question: Please identify all meetings or phone calls concerning electricity restoration efforts that occurred since September 20, 2017, in which employees or representatives of both FEMA and PREPA participated. For each meeting, identify the date, participants, and a description of the topics discussed.

Response: 10/07/17 – FEMA Public Assistance Program and Office of the Chief Counsel (OCC) met with PREPA in Puerto Rico regarding the Whitefish contract dated September 26, 2017; at that meeting, FEMA OCC in Puerto Rico reviewed the contract (after it had already been awarded) and provided feedback verbally to PREPA about issues with the contract (use of time and materials contract; cost plus a percentage of cost; contract prices; sole sourcing; missing contract provisions).

10/24/17 – FEMA held an in-person meeting with PREPA and its attorneys to find out additional information about how the Whitefish contract was procured and how it complied with its procurement procedures. FEMA informed PREPA and its attorneys that it would be making a request for documents, including their procurement rules. FEMA OCC provided a draft copy of questions to PREPA's outside counsel by email (Greenberg Traurig), the final version of which was provided on November 26, 2017.

11/10/17 – FEMA met with PREPA and expressed concerns with the Cobra Acquisitions, LLC contract and reminded PREPA that it had yet to receive responses to the October 26 requests, which would be applicable to both the Whitefish and Cobra contracts. PREPA indicated that the Cobra contract had been amended to include missing contract provisions and to remove problematic sections and that a copy would be provided to FEMA. (No copy of the contract, nor response to the questions have been provided as of November 26, 2017). Please see the attached sign in sheet, which does not include teleconference dial in participants.

Question: Did FEMA employees or representatives participate in a call with lawyers representing PREPA on the Whitefish contract on October 24, 2017?

Question#:	11
Topic:	PREPA and Whitefish Contract
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Claire McCaskill
Committee:	HOMELAND SECURITY (SENATE)

Response: Yes.

Question: Did FEMA employees or representative's state during the call on October 24, 2017 that they had determined that the contract between PREPA and Whitefish complied with FEMA rules and regulations?

Response: No. At the meeting, FEMA identified several issues with the amended contract, including the provision that stated that FEMA had approved the contract. Furthermore, FEMA supplied a draft of outstanding questions in writing to PREPA counsel during the meeting on October 24, 2017, and provided a final list of questions and a request for further documentation to PREPA counsel on October 26, 2017. FEMA never received answers to the questions or the requested documentation for the Whitefish contract.

Question: If so, please describe FEMA's legal rationale for determining that the contract complied with FEMA rules and regulations.

Response: FEMA did not determine that the contract complied with federal rules and regulations.

The contract was between PREPA and Whitefish; FEMA was not a party. At no time did FEMA counsel approve the contract or validate cost reasonableness or compliance with PREPA procurement standards. Indeed, doing so would have been outside of FEMA's role, against established practice, and impossible given FEMA's lack of information at the time and its unfamiliarity with Puerto Rico territorial procurement rules. In fact, FEMA never received answers to the questions or the requested documentation for the Whitefish contract.

Question: Please provide all FEMA correspondence related to any draft or executed contract between PREPA and Whitefish.

Response: FEMA will coordinate with the Committee to provide this information in a timely manner.

Post-Hearing Questions for the Record Submitted to the Honorable Brock Long From Senator John McCain

"2017 Hurricane Scason: Oversight of the Federal Response" October 31, 2017

Question	: 12
Topic	: Jones Act Waivers
Hearing	: 2017 Hurricane Season: Oversight of the Federal Response
Primary	: The Honorable John McCain
Committe	:: HOMELAND SECURITY (SENATE)

Question: The Department of Homeland Security waived the Jones Act requirements for 10 days in Puerto Rico on September 28, 2017. In an October 26 Wall Street Journal article, Educardo Marxauch, President of Supermercados Econo, said that it's "impossible" to book a foreign carrier in such a short time frame. How did the Department decide that 10 days was a sufficient waiver to aid hurricane relief efforts in Puerto Rico?

Response: Under 46 USC 501(a), the Secretary of DHS "shall" grant waiver requests received by the Secretary of Defense. DHS granted the timeframe requested by DoD.

Question#:	13
Topic:	Jones Act Costs
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable John McCain
Committee:	HOMELAND SECURITY (SENATE)

Question: An individual importing a shipping container of goods from the East Coast of the United States to Puerto Rico can expect to pay almost twice as much as they would if they were shipping from Jamaica. How much do you estimate reconstruction efforts in Puerto Rico will cost with the Jones Act in place, and how much could be saved with a repeal?

Response: FEMA does not have expertise in this subject and defers to Department of Transportation/Maritime Administration

Question#:	14
Topie:	Damage to Personal Property
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable John McCain
Committee:	HOMELAND SECURITY (SENATE)

Question: News coverage has largely reported on the extent of damage to critical infrastructure on the island, such as hospitals, banks, water and sewage, and the electric grid. What was the extent of the damage to personal property in Puerto Rico, such as homes, vehicles, and farmland? As individuals recover their livelihoods in the wake of the hurricane, how will the price of everyday goods affect their ability to recover?

Response: Due to the severity of Hurricanes Irma and Maria's impact on the Commonwealth of Puerto Rico, President Trump approved expedited Major Disaster Declarations DR-4336-PR and DR-4339-PR, respectively. As these were expedited declarations, FEMA and the government of Puerto Rico did not conduct joint preliminary damage assessments prior to the President's declarations. The table below details the amount of assistance, as of December 7, 2017, FEMA has approved through the Individuals and Households Program (IHP) for home damage or loss, personal property damage or loss, other miscellaneous items, and transportation damage or loss. As FEMA assistance is limited in terms of what damages and loss are covered, and as the registration period for Federal Assistance is still open, these amounts do not reflect the full extent of the damage to Puerto Rico. FEMA does not provide assistance for or collect data on damaged farmland. FEMA would defer to the Department of Agriculture to provide any agriculture or farmland assessment.

Question#:	14
Topic:	Damage to Personal Property
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable John McCain
Committee:	HOMELAND SECURITY (SENATE)

Puerto Rico Overview As of 12/7/17						
Disaster	HURRICANE IRMA DR-4336	HURRICANE MARIA DR-4339	Total for Both Disasters			
Number of Valid Registrations	5,338	1,078,575	1,083,913			
Registrations Approved	1,150	299,216	300,366			
Registrations Approved for Housing Assistance	744	105,916	106,660			
Dollars Approved for Housing Assistance	\$1,284,931	\$228,933,702	\$230,218,633			
Registrations Approved for Personal Property Assistance	778	61,600	62,378			
Dollars Approved for Personal Property Assistance	\$1,197,038	\$114,909,539	\$116,106,577			
Registrations Approved for Other Miscellaneous	10	204,808	204,818			
Items Dollars Approved for Other Miscellaneous	\$3,400	\$102,375,049	\$102,378,449			
Items Registrations Approved	22	433	455			
for Transportation Assistance Dollars Approved for	22	400	400			
Transportation Assistance	\$26,000	\$888,224	\$914,224			

As to how Hurricanes Irma and Maria will affect the price of everyday goods, and how those prices will in turn affect individuals' ability to recover, FEMA does not collect information or conduct analysis on these topics.

Question#:	15
Topic:	Shipping from the Mainland
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable John McCain
Committee:	HOMELAND SECURITY (SENATE)

Question: In the months after the Hurricane, American aid organizations have mobilized to provide resources to the people of Puerto Rico. Given that the cost of shipping goods to Puerto Rico is almost double when originating from the mainland, how will pricing affect these aid organization's ability to send relief resources?

Response: FEMA does not have expertise in this subject and defers to Department of Transportation/MARAD

Post-Hearing Questions for the Record Submitted to the Honorable Brock Long From Senator Thomas R. Carper

"2017 Hurricane Season: Oversight of the Federal Response" October 31, 2017

Question#:	16
Topic:	Removing Debris
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Thomas R. Carper
Committee:	HOMELAND SECURITY (SENATE)

Question: What progress has been made to date removing debris from communities across the islands? In particular, how have those efforts differed between urban and rural areas, especially in remote rural areas?

What plans have been made to handle the remaining debris that still requires clearing and removal? Please include budget estimates for these plans, as well as estimates for any alternatives which have been considered.

Response: Efforts are currently underway by both Puerto Rican municipalities and the U.S. Army Corps of Engineers (USACE) to conduct debris removal across Puerto Rico. USACE is working closely with the municipalities to identify debris for removal and engaging the Environmental Protection Agency (EPA), FEMA Environmental and Historic Preservation (EHP), and the Puerto Rican Environmental Quality Board (EQB) to obtain all necessary cultural and environmental permissions prior to debris removal.

The debris mission efforts are the same for both urban and rural areas. However, some of the remote and mountainous areas of the island may present challenges that necessitate the use of smaller equipment. After the debris is removed from these remote locations with smaller equipment, it will then be transferred to larger trucks for transportation to the appropriate approved locations for disposal.

Forty nine (49) municipalities are using USACE for the debris removal mission in Puerto Rico. In the U.S. Virgin Islands, the USACE mission is currently underway on St. Croix, St. John, and St. Thomas.

As of December 6, 2017, 917.3 thousand cubic yards of debris have been removed from streets, yards, public facilities, and other locations across Puerto Rico. In addition, in excess of 30 miles of emergency road clearance has been accomplished to enable communities to recover faster. In the U.S. Virgin Islands, 346 thousand cubic yards of debris have been removed as of December 6, 2017.

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Removing Debris
2017 Hurricane Season: Oversight of the Federal Response
The Honorable Thomas R. Carper
HOMELAND SECURITY (SENATE)

In addition to USACE's mission to assist with debris, many municipalities have chosen to conduct their own debris removal using available local or Puerto Rico government resources and contractors. Under the Public Assistance Program, Category A, FEMA reimburses eligible applicants for debris removal based on the agreed upon cost share. Currently, all 78 municipalities are coordinating directly with FEMA and the Government of Puerto Rico on eligible debris removal activities. We have attached a joint FEMA/USACE Fact Sheet on debris removal for your reference.

FEMA instituted a surge program for seven of the Puerto Rican municipalities. Pursuant to this plan, the USACE, EPA, and FEMA are making a coordinated and concentrated effort to complete the seven USACE disaster response mission assignments, including debris removal, in those seven municipalities. During the surge, the USACE is also continuing to execute its debris removal activities throughout the other municipalities. Currently, debris model estimates indicate that Hurricane Maria could have produced 6.2 million cubic yards of debris across Puerto Rico. However, the accuracy of the debris model is plus or minus 30 percent. USACE has been tasked with the removal of 3.7 million cubic yards of debris. The USACE estimates the initial budget for debris removal in Puerto Rico to be \$250 million. As of Feb. 5, 2018, USACE estimates VSVI debris to be removed for a total of 850.000 cubic yards.

USACE, FEMA, EPA, and Puerto Rican EQB continue to consider all viable alternatives for debris removal in Puerto Rico.

Question#:	17
Topie:	Waste Streams
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Thomas R. Carper
Committee:	HOMELAND SECURITY (SENATE)

Question: What protocols are currently in place regarding the identification, separation, and disposal of hazardous vs non-hazardous waste streams?

Response: EPA has a mission assignment from FEMA to collect and dispose of oil and hazardous materials, including household hazardous waste, medical waste, electronic waste, and the hazardous components in white goods (e.g. Freon). Waste materials are collected curbside or at household hazardous waste collection areas. Additionally, they are being removed from debris piles. Once the materials are brought to an EPA staging area, they are segregated by hazard class and prepared for transportation and disposal. This work is being closely coordinated with USACE. Since there are no landfills or facilities in Puerto Rico and the USVI that can accept hazardous waste, those accumulated materials are bulked and prepared for shipment and disposal off-island. The preparation includes sampling and segregating the different types of wastes. The wastes are then shipped off of the island to appropriate disposal facilities.

Question#:	18
Topic:	Landfills
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Thomas R. Carper
Committee:	HOMELAND SECURITY (SENATE)

Question: Have the condition of the islands' landfills been assessed following the hurricanes? What were the results of those assessments?

Response: After the hurricane made landfall, EPA teams assessed three National Priorities List (NPL) landfills:

- Barceloneta Landfill Florida Afruera, Puerto Rico
- Juncos Landfill Juncos, Puerto Rico
- Vega Baja Solid Waste Disposal Rio Abajo Ward, Puerto Rico

As a result of the three assessments, it was determined that follow-up assessments were not required. The remaining, non-NPL landfills on the islands were addressed by FEMA and USACE teams.

EPA has not assessed non-NPL landfills. Moving forward EPA and the PR Environmental Quality Board (PREQB), which has delegated authority for landfills, have agreed to work together to assess all non-NPL landfills on the island.

EPA provides technical support to PREQB, which approves USACE use of landfill sites for debris staging and disposal.

Post-Hearing Questions for the Record Submitted to the Honorable Brock Long From Senator Rob Portman

"2017 Hurricanc Season: Oversight of the Federal Response" October 31, 2017

19
National Urban Search and Rescue System
2017 Hurricane Season: Oversight of the Federal Response
The Honorable Rob Portman
HOMELAND SECURITY (SENATE)

Question: What is your assessment of how the National Urban Search and Rescue System performed this hurricane season?

Are there any National Urban Search and Rescue System-wide lessons learned or identified capability gaps to improve the system moving forward?

Response: With this year's unprecedented hurricane season, the FEMA National Urban Scarch and Rescue System (the System) demonstrated its ability to rapidly and effectively deploy search and rescue resources to assist state, local, tribal, and territorial (SLTT) governments with operations in "back-to-back-to-back" assignments.

6,453 lives were saved or assisted by 27 of the 28 System task forces that were deployed during massive water rescue operations following Hurricane Harvey in Texas (the 28th task force, TX-TF1, was utilized as a state resource). Several of those task forces were immediately re-deployed from Texas to join 15 other Urban Search and Rescue (US&R) task forces and other System resources that responded to Hurricane Irma in Florida and the Caribbean. System resources searched 28,260 structures and task forces saved or assisted 1,590 lives during the operations in response to Hurricane Irma in the Virgin Islands, Puerto Rico, and Florida.

In response to Hurricane Maria, 12 US&R task forces that were deployed to Puerto Rico and the U.S. Virgin Islands saved or assisted 837 lives and completed search operations in 2,649 structures. At the time of the Hurricane Maria response, another System task force, under a concurrent agreement with the United States Agency for International Development – Office of Foreign Disaster Assistance (USAID-OFDA), responded to the 7.3 magnitude earthquake in Mexico.

In addition to the US&R task forces that were deployed to these multiple events, the System also deployed Mission Ready Packages. Mission Ready Packages are smaller, more efficient operational elements with a specific functional foeus such as Mission

Question#:	19
Topic:	National Urban Search and Rescue System
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Rob Portman
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Ready Package -Water Rescue, Mission Ready Package – Canine Search / Live Find, Mission Ready Package – Canine Search / Human Remains Detection, Mission Ready Package – Logistics, etc. These Mission Ready Packages gave the governors of affected States and Territories a unique and focused "right-sized" operational capability when they needed it most.

Unique logistical challenges were encountered with the Outside of the Contiguous United States (OCONUS) response to the Caribbean islands for Hurricanes Irma and Maria. Strategic airlift capability was critical to being able to pre-stage resources in advance of hurricane landfall. Due to pre-planning and effective coordination with the Department of Defense, the System was able to pre-position 276 personnel, including a US&R Incident Support Team, four task forces, and four Mission Ready Packages, as well as their equipment caches and vehicles in the Caribbean in advance of landfall of Hurricane Maria. Those personnel sheltered in place as the hurricane struck, and then were immediately able to engage in search and rescue operations in an expeditionary manner in a very austere environment as soon as the storm passed. System task forces were the first resources to reach and engage leadership in the 78 municipalities in Puerto Rico after the storm. In addition to performing their core mission of search and rescue in the Caribbean, System resources also performed many critical non-traditional humanitarian missions, such as reconnaissance and structural evaluations of hospitals, critical infrastructure, and roads; the repair of generators at hospitals and medical facilities; and the delivery of supplies, medicine, food and water to survivors.

^{*} See two images that follow (Figure 1 and Figure 2) -

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Figure 1: Washed –out bridge that isolated many survivors in a municipality in sentral Puerto Rico.



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Figure 2: New York Task Force One loading medical supplies, food, and water in one of their rescue boats to be ferried across the river to stranded survivors via a rope system that they constructed in the vicinity of the washed-out bridge in Figure 1 (previous page)

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National Urban Search and Rescue System
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System-wide lessons learned or identified capability gaps to improve the system will be summarized based on the System's standard practice: a comprehensive after-action report and improvement plan process (AAR/IP).

This process directs task forces and other System resources to collect comments regarding areas of strengths and areas for improvement across all phases of the response, including mobilization, operations, and demobilization, as well as specific functional areas: US&R branch, command, operations, planning, logistics, administration/finance, incident support team activities, task force activities, and other activities, such as Mission Ready Packages, Hazardous Materials Equipment Push Packages, canine issues, etc.

The System's 28 task forces are divided into three administrative divisions. The initial AAR/IP meetings will take place at each division's annual meeting and will run as long as necessary to complete the discussion, information exchange, and data collection process. The data will be compiled by the Response Directorate for use by an AAR/IP ad hoc group to be seated in January 2018, which will analyze and synthesize the data and prepare a final draft AAR/IP. The meetings have been held or will be held as follows:

- East division meeting (hosted by FL-TF1) on November 7 and 8, 2017
- Central division meeting (hosted by AZ-TF1) on December 5 and 6, 2017
- West division meeting (hosted by CA-TF5) on January 23 and 24, 2018

Preliminary summary of significant strengths and lessons learned identified at the recent East Division AAR/IP meeting include:

- Pre-landfall deployment of teams into the respective theatres reduced reaction time for engagement in lifesaving operations;
- Interoperability of the task forces in regards to equipment caches, personnel training requirements, and strategy/tactics/operational procedures, and their willingness to support each other to meet mission requirements. In most cases, satellite phones assigned to task force equipment caches operated effectively and enhanced communications capabilities in austere environments. This included use of satellite phones by isolated local officials to communicate resource requirements with Puerto Rico's leadership;
- The interfacing and leveraging of local resources to include elements of the military and civilian responders, such as high-clearance vehicles and airboats that are not part of the System's normal loadout;

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Topic:	National Urban Search and Rescue System
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Primary:	The Honorable Rob Portman
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- Ability of task forces to effectively engage in all aspects of water rescue, to include swiftwater operations; and
- The Federal Search and Rescue Coordination Group was effective (particularly in Hurricane Harvey where a large number of agencies were responding).

Preliminary summary of challenges and capability gaps identified at the recent East Division AAR/IP meeting include data collection and communications in truly austere environments, dependency on handheld GPS, and reconstitution of equipment caches being moved by barge to task force home stations. The AAR/IP ad hoc group to be scated in January 2018 will prepare a final draft AAR/IP with validated lessons learned and identified capability gap findings.

Question#:	20
Topic:	National Urban Search and Rescue System Funding
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Rob Portman
Committee:	HOMELAND SECURITY (SENATE)

Question: In the FY2018 budget submission the National Urban Search and Rescue Response System funding is recommended to be reduced by \$7.6 million, an over 20% reduction from the 2017 funding. If funded at this level, what impact do you foresee that having on the ability of the system to respond to future requirements?

How does this budget recommendation synchronize with the plans, implementation steps, and timeframes required in the National Urban Search and Rescue Response System Act of 2016 (PL 114-326)?

Response: Base funding requested in the last several President's Budgets has been approximately \$27 million for the System, which provides the funding required to sustain the task forces and the System's core mission of structural collapse search and rescue operations in an urban environment.

The cooperative agreements with US&R sponsoring agencies allow the Nation to develop and maintain specialized technical rescue capabilities across the contiguous United States that FEMA may federalize to provide a federal technical search and rescue capability in response to all-hazards incidents. Funding provided to the sponsoring agencies through the cooperative agreements help state and local governments maintain the technical search and rescue capabilities available to save lives during a disaster. In addition, the Federal government, through FEMA, helps supplement state and local US&R capabilities. In turn, FEMA may federalize the task forces, which are strategically located across the contiguous United States, for technical rescue capabilities across all hazards. This provides the Nation with specialized, technical search and rescue capabilities necessary to save lives in response to all-hazards, including natural disasters and terrorist threats.

The recent responses to Hurricanes Harvey, Irma, and Maria highlight the value of the System's capabilities, specifically swift water rescue. Across Hurricanes Harvey, Irma, and Maria, FEMA's 28 System task forces demonstrated their ability to rapidly deploy search and rescue resources to assist state, local, tribal, and territorial governments during concurrent major disaster operations by saving or assisting more than 8,800 lives and searching more than 30,909 structures. In response to Hurricane Harvey alone, all 28 task forces supported one of the largest and longest sustained search and rescue missions in FEMA's history, having saved or assisted 6,453 individuals affected by catastrophic flooding.

Question#:	20
Topic:	National Urban Search and Rescue System Funding
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
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The National Urban Search and Rescue Response System Act of 2016 (P.L. 114-326) directed FEMA to report on the development of a plan, including implementation steps and timeframes to finance, maintain, and replace System equipment in FEMA's National Urban Search and Rescue Response System. This report is undergoing review and will be delivered to Congress when finalized.

Post-Hearing Questions for the Record Submitted to the Honorable Brock Long From Senator Jon Tester

"2017 Hurricane Season: Oversight of the Federal Response" October 31, 2017

Question#:	21
Topic:	Mitigation Funding
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Jon Tester
Committee:	HOMELAND SECURITY (SENATE)

Question: Administrator Long: When you and I met in July, we talked about the need to reduce disaster response costs through mitigation. Most importantly, it saves lives, and - frankly - it just makes financial sense. We save at the very least \$4 in response funding when we spend \$1 in mitigation before the event. Through FEMA's mitigation programs, we have invested \$15.6 billion in disaster mitigation since 1988. In that same timeframe, we have spent over \$210 billion in disaster response. This is not sustainable.

What ideas have you developed to flip this backwards investment?

I would like to request that FEMA provide me and the Committee with legislative proposals to improve how the United States Government funds mitigation efforts, as well as your suggested revisions to Section 404 of the Robert T. Stafford Act.

Response: FEMA agrees that it is critical to focus on investing in mitigation before a disaster strikes. Building more resilient communities and developing resilient capacity ahead of an incident is the best way to reduce risks to people, property, and taxpayer dollars. FEMA has been considering what changes it could make in its current mitigation programs to advance this objective and looks forward to working with the Committee to achieve these mutual goals.

Building more resilient communities is the best way to reduce risks to people, property, and taxpayer dollars. The importance of focusing on investing in mitigation before a disaster strikes cannot be overstated. Developing resilient capacity ahead of an incident reduces loss of life and economic disruption. When communities are impacted, they should ensure that they rebuild infrastructure better, tougher, and stronger to protect taxpayer investment and promote economic stability.

Through the Mitigation Framework Leadership Group (MitFLG), FEMA is working with Federal, state, local, tribal, territorial (SLTT), and private sector partners to help align

Question#:	21
Topic:	Mitigation Funding
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Jon Tester
Committee:	HOMELAND SECURITY (SENATE)

pre- and post-disaster mitigation investments to more effectively reduce disaster losses and increase resilience. The results of this effort will also provide strategic planning considerations for the Federal government, SLTT partners, and the private sector as they make resource allocation decisions.

reference IDM	Mission Assignment Number and Amendment#	State_ Territory	Incident	Date Submitted	Date issued	Agency assigned	ESF supported	Statement of work	Projected End Date	Total Obligated Amt	MA Type (Fed Operations Support/Direct Fed Assistance)
238982	236982 AL17083101FCC0100	ŧ	pre-Declaration	09/12/17	09/12/17	202	2	As directed by and in coordination with FEMA, Federal Communications Commission (FCC) will activate and deploy teams and equipment to determine the impact to public safety and EAs communications systems in the affected area and	9/30/17	\$21,000.00	FOS
238817	238817 AL17083101USCG0100	AR .	pre-Declaration	71/60/60	71/60/60	กรด	6	identify arriving and non-working systems in support of FBMA As directed by and in coordination with FBMA. US Casst Guard (USCG) will provide Search and Rescue appaility when outside their statutory authority (including when not in the castal zone	9/30/17	00 000 'SE\$	FOS
243593	243593 AL17100401COE.SAD0100	y AL	pre-Declaration	10/08/17	10/80/17	COE-SAD	m	or other numbelobe varies with 50 support regions a operations, USCO will provide assistance to FEMA Urban Search and Rescue Activation with appropriate USCO, will provide assistance to FEMA Urban Search and Rescue functions of ESF in the RRCT, 10F, 150, Incident Management Assistance Team (MAT), Perficiently by Pamage Assessment (IPDA). Team, or other teams and locations, at the direction and the other parts of the search of the se	10/17/17	\$10,000.00	605
243629	243629 AL17100401COE-SAD0200	. ₹	pre-Declaration	10/08/17	10/08/17	COE-SAD	m	coordination of FIGHAA Conjunction and opportunity of the Act directed by and in coordination with FIGHAA USAGE will prepared to position temporary power support assets for emergency power generation to the affected area in support of FEMA response operations.	10/17/17	\$1,000,000.00	FOS
243431	243431 ALT7100401USGS0100	; 4	pre-Declaration	10/07/17	10/07/17	SESO	M	As directed by and in coordination with FEMA, USGS will deploy surge sensors and rapid deployment gauges, provide advance support, real-time field measurements, and daily reporting of water heights in direct support and for situational awareness of	10/16/17	\$65,000.00	FOS
244555	AL17100401USGS0101	₹	pre-Declaration	10/19/17	10/19/17	USGS	v	FERMA reasons connections to a hitch-water of food event, Data As directed by and in coordination with FEMA, USGS will deploy a surge sensors and rapid deployment gauge, to rovide advance support, restrine field measurements, and daily reporting of water heights in direct support and for situational awareness of	10/23/17	00'18	POS
237999	2379999 FL17083101DLA0100	• ਫ :	pre-Declaration	£1/\$0/60	09/05/17	DLA	۲	Ask Hastonsche operations for a hier-water or food event. Data st directed by and in coordination with FEWA, Defense Logistics Agency (DLA) will deploy a Distribution Expeditionary Package(s) to motient support Base(s). DLA will provide the capability to operate FEMA's incident Support Base. DLA Distribution	9/30/17	\$5,660,000.00	FOS
243427	243427 FLI7100401USGS0100	. 12	pre-Declaration	71/20/01	10/01/17	USGS	ď	exceptionary task the sality to condique personnel, equipment As directed by and in coordination with EMA, LUSGS will deploy surge sensors and rapid deployment gauges, provide advance surge sensors and rapid deployment gauges, provide advance was and adjuve reporting of water heelts in direct support and for situational awareness of	10/16/17	\$43,400,00	F0.
238521	GA17063101COE:SAD0100	45	pre-Declaration	71/10/60	11/10/60	COE-SAD	щ	FERM reasons operations (in hierawster all folde evert, Data Activation for appropriate USACE personnel to perform the functions of £57 3 in the RRCC, 10F, 1FO, Incident Management Assistance Team (IMAT), Performinary Damage Assessment (PDA) Team, or other teams and locations, at the direction and	9/16/17	\$10,000.00	50
236290	238280 GA17083101DOD0200	8	pre-Declaration	71/20/50	71/10/60	god	,	coordination (FRAM, Education (Lock) Expension (Lock) Provided Provided MCIB Allsow, GA as a FEMA ALSKI Temporary Staging Pacility, Produced martering last of heat date for up to 50 whiches Provide shefering space (Germanstum type facility) for whiches, Provide shefering space (Germanstum type facility) for the handing and personal hygene for 160-200 personnel of two (2)	9/20/17	310,000,00	FOS

fOS	FOS	FOS	POS	FOS	P. P. S.	FOS	Pos	POS	Fos	FOS
\$10,000,00	\$20,000.00	\$15,000.00	\$135,000,00	\$10,000.00	\$5,000.00	\$2,000.00	85,000,00	\$2,000.00	\$4,000.00	(\$2,000.00)
71/17	9/21/17	9/18/17	9/29/17	8/30/17	9/7/17	8/27/17	8/27/17	8/27/17	71/6/6	11/2/17
Request Ft. Benning as a FEMA Incident Support Base/Federal Suging Area (1981/54) with the following equements: Indianal to stage truck/frailled/equipment/personnel for processing, cross leading, and forward movement sit required formation life of the sent life cander monitorisment as recentred to	Actificated by and in coordination with FRAN, DOD will provide before coordination of first first with supporting said felement(s) (DOC/DCE) to the RKCL, Region IV oint field Office, IOF, or other locations, to provide DOD regional knowledge, requirements	As directed by and in coordination with FEMA DOD will provide Defence coordination of first Mix supporting sattle themset(s) (DOC)UCS) to the RECL, Region IV Joint Field Office, 105, or other licitations, to provide DOP regional knowledge, equiliments	and association in managed as repressed as the commercial advances appoint a service and association in moral measurements, and daily experting of whate height in direct support and for situational awareness of FEMA response operations for a high-water or flood awareness of FEMA response operations for a high-water or flood	eyentt. Ad directed by and in coordination with FENA, US Army Corp of Addirected by and in coordination with FENA, US Army Corp of Figuress (Life, Juli produce), preparational to the RRC, DG. JFO or other facilities in support of FENA response operations. Archaricim may also include USACE modeling and/or stational transcense process.	As directed by and in coordination with FEMA, Department of herene (DOD) will provide appropriate personnel to the ARCC, IOF, JFO, or other locations as needed to support FEMA operations in response to	Trinoids Storm Hayes Loughsin Addition with FENA, Dept of Additional Additional Additional Lough and in coordination with FENA, Dept of Transportation (DOT) will provide appropriate personnel to Region 8 RRC, 10F, 16O, or other incastors as neveded to support FENA response to or other incastors as neveded to support FENA response or other incastors.	As directed by and in coordination with FEMA, U.S. Casst Guard (U.S.G.) will provide appropriate personnel to RRCC, JFO, IOF or open entities or facilities in support of FEMA response operations.	A directed by and in coordination with FEMA, US Dept of Activature (USO) will provide appropriate personnel to the FEMA file RECC, IOF, 1FO, or other locations as needed to support FEMA response operations.	Unding for USA Command center if if an under de VEMA, will be recetcion Appent (PEMA) will observe the Provisionment to Protection Appent (PEMA) will observe the Provisionment to RRC, IFO, 10F, or other locations as needed to aupport FEMA response operations, funding for EFA command center(s), if	A directed by the Avenue A medical management of th
	non-specific ESF	non-specific ESF	×	m	non-specific ESF	er	non-specific ESF	11	10	10
gog	900	909	USGS	COE-MVD	900	TOO	USCG	USDA	EPA	EPA
71/10/60	09/07/17	71/0/60	71/20/60	71/17	09/21/17	09/21/17	09/21/17	71/11/60	09/10/17	11/02/17
71/70/60	09/07/17	71/10/60	71/10/60	71/12/60	09/21/17	09/21/17	09/21/17	09/21/17	09/10/17	11/02/17
pre-Declaration	pre-Declaration	pre-Declaration	pre-Declaration	pre-Declaration	pre-Declaration	pre-Deciaration	pre-Declaration	pre-Declaration	pre-Declaration	pre-Declaration
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238505 GA17823101DOD0400	238533 GA17083101DOD0660	GA17083101DOD0660	GA17083101U8GS0100	LA17082361COE-MYDD160	LA17082301DODG300	240591 LA17082301DOT0200	246635 LA17082301USCG0160	240651 LA17082301USDA0100	LA17083101EPA0100	LA17083101EPAG101
238505	238533	238510	238346	240516	240605	240591	240635	240651	238426	246475

10/15/17 \$10,000.00	10/15/17 \$10,000 DD FOS	303 00380803	30.50 B.T.T.T.T.	00 000 018	00 000 58	91 000 000 755 00 000 000 755	\$\$,000 000 \$\$	\$10,000,000 \$5,000,000 \$5,000,000 \$5,000,000 \$5,3,730,000	\$1,000,000 00 00 00 00 00 00 00 00 00 00 0	\$1,000 00 \$2,000 00 \$3,000 00 \$1,700 00 \$1,000 00
functions of ESF 3 in the RRCC, IOF, JFO, incident Management Assistance Team (IMAT), Preliminary Damage Assessment (PDA)	Iteman, or other teams and locations, at the direction and additionable items or other teams and consortial and additionable the Additivation of FEMA, Excupring the prefront the Additivation of the proportiate USAGE, CIO, FEO, Indicate Management Additionary of ESS in the RACE, CIO, FEO, Indicate Management Additionary of ESS in the RACE, CIO, FEO, Indicate Management Additionary of ESS in the RACE, CIO, FEO, Indicate Management (POA) and a contract teams and obstroking, at the discission and the Additionary Damage Additionary Damage Additionary Damage Additionary Damage Additionary Additionary and in coordination with FEMA. Conjunent unchases are not authorited and additional and inconduction with FEMA. Commerce MISI will provide appropriate resources to acquire	surface level observations of wind speed (gust and mean), wind	unection, and amospheric pressure in Andarian, inssissippi, folicida. U.S. coastline and inland Reagon IV, agess for TS/Hurricane Ad directed by and in coordination with FEMA, DOD will provide Defense Coordination Officer(s) with supporting staff element(s)	une exton, an antiappine to passure in matazima, wishistoppin of a directory and in coordinates with FFMU years for TSV furtication As directed by and in coordinates with FFMU. Do will provide Defense Coordination Office(s) with supporting staff element(s) (DCC)(DCE) to the RFCC, Region IV binst field Office, 105, or other coastions, to provide DO regional frowledge, requirements whiching on and laison, including as necessary Stop Emersency Activation for payromine DO regional frowledge, requirements which are suppropried DO regional frowledge. To the Activation for Stop Francisco and Province and instances of EST 12 in the RFCC, 105, 100, incident Management	usertion, it was introppinel, peacute in makania, mississippine intertion, it was introppinel, peacute in makania, mississippine six directed by and in coordinator with FFIAM. Varies for TSI/thritizane Defense Coordination Office(s) with supporting staff element(s) DCC/DCE(s) to the RFCC, Region IV boint-field office, ID-G or other coation, to provide DOD regional knowledge, requirement salidation, and laison includine as necessary State/Emerican distinction, and laison includine as necessary State/Emerican Varieties of ESI 21 in the RRC, IO-F, IO-I incident Management Assistance Team (PMAT). Preliminary Domage Assessment (PDA) Team, or other teams and locations, at the direction and coordination of ERMA. Econometric passessment such as an est authoritied activation of ESI 21 in the RRC, IO-I IO-I incident Management activation of ESI 21 in the RRC. Personnel to personnel to personnel to personnel to exclusion and incident and research Management activation of ESI 21 in the RRC, IO-I IO-I incident Management Instrument of ESI 21 in the RRC. IO-I IO-I incident Management	usertion, via minimplinity pressure in malariam, monstrappinity and directed by maintappinity passive in malariam, monstrappinity and directed by with in coordination with Findle OOO Will provide DO (POC)CDE to the REKC, Region Via businity of Cook will provide DO to regional knowledge, requirement obstance, to provide DO to regional knowledge, requirement obstance, to provide DO to regional knowledge, requirement of Advivation for appropriate DOE personnel to perform the malariam individual provider both regional knowledge, requirement of Advivation for appropriate DOE personnel to perform the malariam of the provider both regional for the provider both regional provider both regional provider both regional providers and coastions, at the direction and coastion for ERMA Economic to complete the Management Adsistance fearm (MAX). 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Coastine and inland Reaton Vi areas for IS/Hurricane Defense Coordination Officer(s) with supporting staff elemential Defense Coordination Officer(s) with supporting staff elemential Description, or provide DOD regional knowledge, requirements addistrict, not all bissen includies as necessary aspecif free enemy functions of ESF 12 in the RRC, jof. JrG, Incident Management Assistance the sense and locations, at the direction and function of ESF 12 in the RRC, jof. JrG, Incident Management Assistance fearn (MAX). Perliminary Damege Assistance Into Hold, Incident our ESF 21 in the RRC, jof. JrG, Incident Management Assistance fearn (MAX). Perliminary Damege Assistance (DA) Fearn, or other teams and locations, at the direction and Assistance fearn (MAX). Perliminary Damege Assistance (DA) Fearn, or other teams and locations, at the direction and Assistance fearn (MAX). Perliminary Damege Assistance (DA) Fearn, or other teams and locations, at the direction and Assistance fearn (MAX). 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Even certain the REKC, Cip 470, incident Management Assistance Famil (MAI). Preliminary Damage Assessment (POA) Familiary Damage Assessment (POA) Assessment (POA) Familiary Damage Assessment (POA) Assessment (POA) Assessment (POA) Assessment (POA) Assessment (POA) Assessment (POA) Assessment (intertion, and manapainer peaksure in malarania, moissappup intertion, and manapainer peaksure in malarania, moissappup intertion, and manapainer peaksure in malarania, moissappup deforce Coordination Officer(5) with supporting staff elemential Doctor(5) or gloral interest candination Officer(5) with supporting staff elemential Doctor(5), and in coordination officer(6) or appropriate DOE enromed to serior exequirement self-sidilation, and aliason including as encessary astraff innervence of Staff in the RECC, 10F, 12F, includent Management Assistance Team (MAT). Preliminary Damage Assistance (DO) sear, or other teams and locations, at the description and Assistance Team (MAT). Preliminary Damage Assistance (DO) Team, or other teams and locations, at the description and Assistance Team (MAT). Preliminary Damage Assistance (DO) Team, or other teams and locations, at the description and Assistance Team (MAT). Preliminary Damage Assistance (DO) Team, or other teams and locations, at the description and Assistance Team (MAT). Preliminary Damage Assistance (DO) Team, or other teams and locations, at the descript and Assistance Team (MAT). Preliminary Damage Assistance (DO) Team, or other teams and locations, at the description and Assistance Team (MAT). Preliminary Damage Ass
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COE-MVD	COE-MVD									
10/05/17	10/08/17	71/70/01	10/05/17		10/05/17	19/05/17	71/20/01 71/25/17	10/05/17 10/25/17 10/05/17	10/26/17 10/26/17 10/05/17 11/13/17	10/26/17 10/26/17 10/05/17 10/06/17
10/05/17	10/08/17	10/07/17	10/05/17		10/05/17	10/05/17	10/05/17 10/26/17 10/05/17	71/20/01 71/27/01 71/20/01 71/21/11	10/05/17 10/05/17 10/05/17 11/19/17	10/05/17 10/15/17 10/05/17 11/13/17 10/06/17
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FOS	60 S	ð.	Fos	FOS	FOS	FOS	FOS	Fos	F05	FOS
00'000'5\$	\$43,000,60	\$10,000.00	\$20,000.00	\$10,000.60	S 0.02	\$86,000.00	\$20,000,00	\$75,000.00	\$10,000.00	\$10,000.00
10/15/17	10/16/17	9/20/17	9/20/17	9/15/17	9/15/17	9/11/17	9/11/17	9/11/17	9/12/17	9/15/17
Activation for appropriate HHS personnel to perform the functions of ESF8 in the RRCC, DG. PicO, incident Management Assistance Team (IMAT), Preliminary Damage Assessment (PDA) Team, or other teams and locations, at the direction and	coordination of FEMA. Equipment ourchases are not authorited by the service of the coordination with FeM, and the plot surge services and rapid deployment gauge, provide advance support, restrictine field measurements, and daily reporting of water heights in direct support and for situational awareness of FEMA response operations for a high-water or flood event. Data	Verwerst F. Brage as FEAM Indeed's Lippon Basif Federal Staging Area (ESE/ESA) with the following requirements: hardstand to stage trucks/trailers/equipment/personnel for backstand to stage trucks/trailers/equipment/personnel for backstage. The properties of the p	are structured by and no coordination with resons, exceeding to Communications Commission (FCQ) will activate and deploy teams and equipment to determine the impact to public safety and EAS communications systems in the affected are and	As directed by and in one water asserting in section of a first and by and in coordination with Fifth, Housing & Urban As directed by and in coordination with Fifth, Housing & Urban and other locations as directed by FEMA to support FEMA response operations.	As directed by and in coordination with FEMA, Housing & Urban bedsopment (HUD) will provide appropriate personnel to NRCC and other locations as directed by FEMA to support FEMA response operations.	As directed by and in coordination with FEMA, USACE will provide temporary power support assets for emergency power support assets for emergency power contention to the affected area in support of FEMA response operations.	Assets will be returned to the Distribution Cartor IDC/Remoret of created by and in coordination with FRMs, USAGE will provide temporary power support assets for emergency power temporary power support assets for emergency power operations.	As created by and in coordination with Fight, Dob will provide a beferne Coordination with Fight, Dob will provide a beferne Coordinating Officer (DCD), supporting staff element (DCD), supporting staff element (DCD), supporting staff element (DCD), and Services (Efrorty, Nava, fire rose, Mark fire from the and DS coast Gours) Regional and State Freegoncy Preparedness Laison Asserts (Efreegoncy Preparedness Laison Asserts (Effects REPUS) and a SERVICES to the Region in RECO. Linial Addings of By and in coordination with FEMA, Opeg of Forege	(DOE) will provide appropriate personnel to FEMA Region II RRCC, Puerto Rico (Of, Area Field Offices or other locations, to support FEMA response operations in Puerto Rico for Hurricane Irma.	As requested by and in coordination with FEMA, DOT will provide supporting staff elements, and services to the Region II RECC, and also possible facility (IGF), Lot Feld Office (IFO), State Energiancy management offices on other incation to provide DOT knowledge. Funding for DOT command center(s), if authorized by
ss.	ч	7	2	20	DO:	m	m	non-specific ESF	12	Ħ
HHS	N\$65	8	FCC	ОНО	Опна	COE-SAD	COE-SAD	dod	DOE	DOT
10/05/17	10/07/17	09/06/17	09/06/17	09/07/17	09/08/17	09/02/17	71/50/60	09/04/17	09/04/17	09/04/17
10/05/17	71/70/01	09/06/17	71/90/60	71/20/60	09/08/17	09/02/17	09/05/17	09/04/17	09/04/17	09/04/17
pre-Declaration	pre-Declaration	pre-Declaration	pre-Declaration	pre-Declaration	pre-Declaration	pre-Declaration	pre-Declaration	pre-Declaration	pre-Declaration	pre-Declaration
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24324) MSI7100401HHS0100	MS17100401USGSD100	NC17083101DOD0200	238140 NC17083101FCC0130	PR170831D1BHUDD100	PR170831010HUD0101	PR17090102COE.SAD0100	237596 PR17090102COE-SAD0200	PR17090102DOD0200	PR17090102DOE0100	237549 PR17090102DOT0100
243241	243452	238184	238140	238208	238528	237599	237596	237864	237576	237549

193756	ATTENT ODSTROM MEDANSON	8		17,00,00		ŝ	ç	As directed by and in coordination with FEMA, Environmental Protection Agency (FPA) will provide appropriate personnel to	7,7	00000	Š
		<u> </u>		03/01/17	11/10/60	ă.	2	support Fava, response operatures. This provides for prevaint and the Support Fava, response operate for site -specific platforms for situational awareness, environmental data manamement. At recursing his and in coordination with EMA. Poil ECE 13.	11/11/6		ŝ
237827	237827 PR17090102USDJ0200	æ	pre-Declaration	09/04/17	09/04/17	uspi	£1	National Coordination Center (NCC) will provide armed Federal law enforcement officers (FLEOs). Quick Response Teams (QRTs), or other security teams as required to provide force protection,	9/13/17	\$2,000,000,00	Fos
237710	237710 PR17090102U5G50100	æ.	pre-Declaration	09/02/17	09/02/17	USGS	un	Adjusted by and in coordination with Flash, USGS will provide advance support, real-time field measurements, and daily reporting of water heights in direct support and to systematic and any avanesses of FEMA texpores operations awareness of FEMA response operations for a high water or flood	9/11/17	\$200,000.00	FOS
239744	PR17090102USGS0101	ď.	pre-Declaration	10/12/17	10/12/17	USGS	ы	went; A directed by and in coordination with FENA, USGS will provide advance support, real-time field measurements, and daily reporting of water heights in direct support and for situational awareness of FENA response operations for a high-water of flood	9/30/17	\$0.00	FOS
240506	PR17091701COE-SAD0100	a a	pre-Declaration	71/61/60	09/19/17	COE-SAD	m	Aginected by and in coordination with FENA, USACE will activate and pre-position the management element of the Debris SRT to assess reads and coordinate emergency planning with appropriate Federal and Sate agencies in support of FENA resoonse coerations. This element may also include USACE	9/25/17	\$57,348.90	FOS
240531	240531 PR17091701COE-SAC02200	ď.	pre-Declaration	09/19/17	71/61/60	COE-SAD	m	A directed by and in coordination with FEMA, USACE will activate and deploy the Management Cell of the Temporary Roofing Planning and Response Team (PRT) to prepare to conduct the temporary roofing mission in support of FEMA response.	9/25/17	\$60,000.00	FOS
240497	240497 PR17091791COE.SAD0400	æ	pre-Declaration	09/19/17	09/19/17	COE-SAD	m	executions. The RI Manasement cell may anchicle Acid as directed by and in coordination with FRAN, USACE will activate and deploy (pre-position) the management cell of the busing Planning and Response Tean and/or subject matter expert(s) in preparation for executing acritical public facilities mission in support of FEMA, resource appearators.	9/25/17	\$50,000.00	FOS
240535	240535 PR17091701COE-SAD0500	H.	pre-Declaration	71/61/60	09/19/17	COE-SAD	m	activate and pre-position the management cell of the Infrastructure Assessment (IA) PRT to conduct initial planning and preparedness efforts in support of FEMA response operations.	9/25/17	\$50,000.00	FOS
240480	2464\$0 PR17091701D0D03300	ğ.	pre-Declaration	71/61/60	71/61/60	gog	ın.	AddE will on the abolishon resources. Provide aircraft/wehicles and personnel to accomplish aerial/ground imaging, aerial/ground communications support, transportation of personnel/light cargo, and ground team upport, immediately post-incident, provide damage assessment and other assigned tasks as directed by ERMA Remers still	9/25/17	\$40,000.00	FOS
240395	PR17091701DOD0400	a.	pre-Declaration	09/19/17	71/60/19/17	000	,	At requested by and in coordination with FEMA, the DeD will provide an artifield management and commondly distribution elements at San Juan-Ponca, Aquadilia, and Celba airports. Afriled management and commodity distribution to court if you not not manually a Contember 2017 to 25 Cherbar 2017 you until shoote	9/30/17	\$125,000.00	FOS
240528	240528 PR17091701HHS0100	g E	pre-Declaration	09/19/17	09/19/17	HHS	àq	As directed by and in coordination with FEMA, Health B. Human Arences Hist) and incontentions and include Response Coordination Team (IRCT) personnel to St. Croix to support FEMA response operations. Fersonnel may include, but is not limited to,	9/25/17	\$1,550,000.00	Pos

238185	238183 SC1708/10/DOD0100	Ş	e de la companya de l	F1/30/00	74/30/80	ć	r	Request North Airfield as a FEMA incident Support Base/Federal Staging Area (ISB/FSA) with the following requirements:	7.1/00/0	000000	Ş
		3		11 (00/60	11/20/20	3		inausain vuosage uutos, vaires yequipmenty peasmiret on processing cross loading, and forward movement as required. Provide life safety and lifessyine requirements as required by Request North Airfield as a FEMA incident Support Base/Federal	71.501.17		ĝ.
240365	SC17083101DGD0101	SS	pre-Declaration	09/18/17	09/18/17	909	7	Staging Area (ISB/FSA) with the following requirements: hardstand to stage trucks/trailers/equipment/personnel for processing, cross loading, and forward movement as required.	9/30/17	\$1.00	FOS
								Provide life safety and lifesaving requirements as required by As directed by and in coordination with FEMA, Federal Communications Commission (FCC) will activate and deploy			
238152	SC17883101FCC0100	တ္တ	pre-Declaration	09/06/17	09/06/17	ñ	7	teams and equipment to determine the impact to public safety and EA5 communications systems in the affected area and	9/20/17	\$20,000.00	FOS
								identify survivine and nonworkine systems in support of FEMA As directed by and in coordination with FEMA, USGS will provide the surviving real-time field measurements and daily			
238319	238319 SC17083101USGS0100	Sc	pre-Declaration	09/07/17	71/10/60	USGS	5	reporting of water heights in direct support and for situational awareness of FEMA response operations for a high-water or flood	5/29/17	\$170,000.00	POS
								event. As directed by and in coordination with FEMA, US Army Corp of Engineers (USACE) will provide appropriate personnel to the			
236261	236261 TX(7082301COE-SWID0100	¥	pre-Declaration	08/23/17	08/23/17	COE-SWD	m	Region 6 RRCC or other facilities in support of FEMA response operations. Activation may also include USACE modeling and/or	11/12/8	\$20,000.00	50s
								National Hurritaine Program support. As directed by and in coordination with FEMA, US Army Corp of			
236351	TX17082301CDE-SWD0101	ĭ	pre-Declaration	08/25/17	08/25/17	COE-SWD	m	Engineers (USACE) will provide appropriate personnel to the Region 5 RRCC ar other facilities in support of FEMA response	8/27/17	\$15,000.00	FOS
								operations. Activation may also include USACE modeling and/or			
								National Hurricane Program support. As directed by and in coordination with FEMA, US Army Corp of Engineer (18AF) will provide appropriate negotimes to the			
236495	TX17082301CDE-SWD0102	¥	pre-Declaration	08/25/17	08/25/17	COE-SWD	e	Region 6 RRCC or	8/27/17	\$5,000.00	FOS
								other facilities in support or FEMA response operations, Activation may also include USACE modeline and/or National As directed by and in coordination with FEMA, US Army Corp of Engineers (USACE) will provide agriconiate personnel to the			
236983	TX17082301COE-SWD0103	¥	pre-Declaration	08/29/17	08/29/17	COE-SWD	m	Region 6 RRCC or other facilities in support of FEMA response operations.	8/29/17	(\$30,000.00)	FOS
								Activation may also include USACE modeline and/or National As directed by and in coordination with FEMA, USACE will provide temporary power support assets for			
236389	236389 TX17082301COE-SWD0200	¥	pre-Declaration	08/25/17	08/25/17	COE-SWD	m	emergency power generation to the affected area in support of FEMA response operations.	8/30/17	\$500,000.00	FOS
237728	TX17082301COE.5WD0201	¥	pre-Declaration	09/03/17	71/50/60	COE-SWD	m	As directed by and in coordination with FEMA, USACE will provide temporary power support assets for ennegancy power temporary power support assets for ennegancy power operation to the affected area in support of FEMA response operations.	9/2/17	(\$490,000,00)	FOS
236223	236223 TX17062301DOD0100	¥	pre-Declaration	08/23/17	08/23/17	000	non-specific ESF	As directed by and in coordination with FEMA, DoD will provide a Defense Coordinating Officer with supporting staff element (DCD / DCE) to the RRCC Regions, Joint Falled Officer, or another location, to provide DoD regional knowledge, requirements	8/27/17	\$50,000.00	FOS

FOS	FOS	FOS	Fos	FOS	FOS	F05	503	FOS	FOS	FOS
\$6.00	\$20,000.00	\$10,000,00	\$10,000,00	\$10,000.00	\$50,000.00	\$45,000,00	\$85,000.00	\$50,000,00	\$58,000,00	\$60,000,00
9/15/17	71/71/6	9/15/17	71/71/6	9/11/17	9/11/17	9/11/17	9/11/17	9/20/17	9/20/17	9/20/17
Request Fort A.P. Hill, VA as a FEMA Federal Staging Area (FSA) with the following requirements: Hardstand to stage trucks/trailers/fequipment/bersonnel for processing, cross loading and forward movement, as required. Upon request, provide and forward movements.		severe wearbiner cuased by wirthcrain time. Nat Task Orders Activate the appropriate agency personnel to perform the functions of ESF #7 in support of finengency Response Team (IMAT), supporting State EOCS, Prelimnary Damage Assessment (PDA) Team, Rapid Needs Assessment (RN-T) man, The Regional Reconses Coordinatine Center (BRCT) on the Teams Regional Reconses Coordinatine Center (BRCT) on the Teams Regional	Activate the aptropriate ageinty personnel to parform the functions of ESS #11 in support of Emergence Response Team (IMA1), supporting State EOCs, Preliminary Damage Assessment (PDA) Team, The Regional Reconstruction of Contractions of Contraction Center (RRCT) contains team, the Regional Reconstruction contraction of Center (RRCT) contains teams and	As directed by and in coordination with ERAL SI Arm Will on polling the property of the property of the property of the property (SACE) will provide appropriate personnel to the WIENA 8221 Exter Niely, Charlotte Amalie, VI 00803 or other Acilities in support of FENA response perturbor, Activation may liso include; Liskif modelling	So uterested by an in Coolamicoun wint revol. 20 settly do but Engineers (USACE) will provide appropriate personnelite the VITEMA 8221 Estate Nisky, Charlotte Amaile, VI 08903 or other facilities in support of FEMA response operations. Activation may	asion include U.S.C.R. modelling as a sion include U.S.C.R. modelling to a sion include U.S.C.R. modelling to the Engineers (U.S.C.E.) will provide appropriate personnel to the VITENA 8221 Estate Nisky, Chalotte Amalie, VI 00083 or other Adellites in support of FEMA response operations. Activation may also, include U.S.C.E. modelling	Salected by State no Colorabile with Furth, Obst. will provide temporary power support assets for emergency power generation to the affected area in support of FEMA response operations. Assets will be notioned for the Distribution Center (TOC/Usennea	As directed by and in cooldination with FEMA, USAGE will extruste and deploy (pre-position) the management cell of the Housing Planning and Response Team and/or subject matter expert(s) in respensation for executing a critical public facilities mission in succept of FEMA response.	As directed by and nonoculation with ERAAL USACE will activate and proposition the management cell of the infrastructure Assessment (IA)PHT to conduct initial planning and preparentes efforts in support of FRAAL exposure operations. USACE, will givin one-ossition resources, Support pray include the	As directed by and in coordination with FLMA, USACL will activate and deploy the Management Cell of the Temporary Roofing Flanting and Response Team (PRT) to prepare to conduct the temporary roofing mission in support of FEMA.
7	non-specific ESF	,	ដ	m	m	m	en	т	m	m
900	909	GSA	USDA	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-5AD
71/10/60	09/06/17	09/06/17	71/90/60	09/02/17	09/04/17	71/20/60	09/02/17	09/05/17	09/05/17	71/50/60
09/07/17	71/90/60	09/05/17	09/06/17	09/02/17	09/04/17	09/07/17	71/20/50	21/50/60	71/50/60	L1/S0/60
pre-Declaration	pre-Declaration	pre-Declaration	pre-Declaration	pre-Declaration	pre-Declaration	pre-Declaration	pre-Declaration	pre-Dectaration	pre-Declaration	pre-Declaration
\$	\$	*	\$	5	5	>	5	\$	>	5
VA17083101DOD0101	238250 VA17083101DOD0200	238197 VA17083101GSA0100	236202 VA17083101USDA0100	237661 VIT/390102COE-SADO100	VI17090102COE-SAD0101	VII.7090102CDE-SAD0102	237702 VI17090102COE-SADG400	237944 VI17090102COE-SAONSOG	23/925 V17099102COE.SAD0600	237587 V117090102CDE-SAD0700
238274	235250	238197	236202	237661	237829	238337	237702	237944	237925	237567

	FOS	ę ę	FOS	F05	FOS	FOS	FOS	FOS	FOS	FOS	Fos
	\$78,000.60	\$10,000.00	\$500,000.00	\$75,000.00	\$0.09	\$25,000.00	\$125,000.00	\$200,000.00	\$35,000.50	90'000'000'E\$	\$0.00
	9/20/17	9/11/17	11/2/17	9/3/17	9/13/17	9/13/17	9/11/17	9/13/17	9/11/17	9/11/17	9/13/17
As directed by and in coordination with FEMA, USACE will activate and preposition the management element of the Debris	FRT to assess needs and coordinate emergency planning with appropriate feeds and stoke agences in support of FEMA repropriate Feeds and State agences in support of FEMA response operations. This element may also include USACS affected by and no coordinates with FEMA ISS will provide anyonical and approve that any source of other anyonicals and the BDCT EMA season of other anyonicals.	epipopis, consolire de missonire de mensione de previous de proprieta de proposition de la proposition de mensione de la proposition de management de montante de mensione de proposition de management de montante de mensione de proposition de management de management de management de mensione de management de	(158) to support forward distribution of supplies or equipment to affected area for EMA Regul or other fortions as required. Federal stope recultiveners it to accompagate a minimum of 126 As requested by and incoordination with EMA Robb will provide a Perfect of ordinarion of CROPS, substantial and Assert School or of CROPS, substantial and Assert School or officer (CROS), substantial asset femerals.	(DCE), and Services (Army, Navy, Air Force, Marine, and US Coast Guard's Reguland and State Funegery Management Offices or other location to coyolic Dep Tregional Flowledge resultements As resusered by and incoordination with FRAND Abol Milpsoude As requested by and incoordination with FRAND Abol Milpsoude a Defense Coordinating Officer (DCD), succoording staff defenent	(DCE), and Services (Army, Navy, Air Force, Marine, and US Coast disards flegional and State Francesero Moreon or Other Isosate or Other Isosation to orgonic Doll resident in thousand to service the Service of State or Service As and incoordination with Fisher Dob Mile provides As requested by and incoordination with Fisher Dob Will provide a Reservice Coordinating offset (DCD), supporting 1148 defension to the Service of Other Other Other Service Other Service Other Other Service Other Other Other Other Service Other Othe	(DCE), and Services' (Army, Navy, Air Force, Marine, and US Coast actual Regional and State Emergency Management Offices or other location to provide DoJ regional knowledge, recognimental temporal provides and in coordination with FEMA. Dept of Defence (DoJ) will notwide a licint sexessment team to Cvril Kine Aircort.	(8. Thomasland Henry E Rohlsen Airport (St. Croix). (8. Thomasland Henry E Rohlsen Airport (St. Croix). Stephical Forward and one assessment to occur from nor around 05 sentember. 2017 to 10 sentember. 2017 or until Do	element at St Thomas and St. Croix airports. Affilial management and connording Affilial management and connording Affilial management and connording distribution to certuring on or around 56 settlember, 2017 (a.3.) Seatember, 2017 (a.9.) Seatember, 2017 (a.9.) Seatember, 2017 (a.9.) Seatember, 2017 (a.9.) Seatember, 2017 or until and affilial management of the seatember of the profit design (DGI) with incovide amortoniate servicine in VITEM 46.27) Trates.	New Chaldte Amalie, 10 0803 to support ERMA response posestions Challed and December 10 0803 to support ERMA response See The Challed to DEC Command center(s), if authorized by ERMA, will be movided under a seemate MA. As directed by As directed by Command candot by Command or As directed by and in coordinates with ERMA, Copp of Transconstrains not Massach will receive either as a fourtee	Insupportation Confirmation in proceedings as incuring housing facility, billering, meals, ship board support services for FixAh approval personnel, and such other related services, MARAD, gard EMA loint deep messessary, as apparent And directed by and in coordination with FRM, beat of an ordinary Transcontains from the process of posture of the process o	Iransportation, DOI/MARALD will provine sings as a floating housing facility, billetting, meals, ship board support services for FRMA approximally and such other related activity MARALD activity of the province of the prov
	m	G	٢	non-specific ESF	non-specific ESF	non-specific ESF	~	7	12	^	7
	COE-SAD	DHS-MGT	dod	gog	god	dod	900	000	DOE	рот	DOT
	09/05/17	09/04/17	09/04/17	09/04/17	09/04/17	71/13/11	09/04/17	09/04/17	09/02/17	09/04/17	10/12/17
	09/05/17	09/04/17	09/04/17	09/04/17	09/04/17	11/13/17	09/04/17	09/04/17	09/02/17	09/04/17	10/12/17
	pre-Declaration	pre-Declaration	pre-Declaration	pre-Declaration	pre-Declaration	pre-Declaration	pre-Declaration	pre-Declaration	pre-Declaration	pre-Declaration	pre-Declaration
	5	5	5	5	5	5	5	5	5	5	5
	237950 VI17090102COE.SAD0800	237690 VI17096102DHS-MGT0100	23790 5 VI17090102DOD0200	237781 VI17090102DGO03300	VA17090102DODD0301	V17090102DOD0302	237800 VI17891102DOD9490	237621 VI1799102D0D0600	237678 VI17080102DOE0100	237828 VI17096102DOT0200	Vi17090102DOT0201
	237960	237690	237905	237781	237887	246859	237800	237821	237678	237828	239754

237670	237670 VII7090102EPA0100	5	pre-Declaration	71/20/60	71/20/60	EPA	10	As directed by and in coordination with FEMA, Environmental Protection Agency (EPA) will provide appropriate personnel to EARLE 201 Highway 34 South. Colts Nerk. NJ 07722 to support	9/11/17	00 000 018	Š
								FEMA response operations. Funding for EPA command center(s). If authorized by FEMA, will As directed by and in coordination with FEMA, General Services			
237692	237692 VII7090102GSAQ100	5	pre-Declaration	09/02/17	09/02/17	GSA	7	Administration (GSA) will provide appropriate personnel to FEMA Region II RRCC - Naval Weapons Station Earle to support FEMA	71/11/6	\$10,000.00	SO.
								response operations. As directed by and in coordination with FEMA, GSA will provide As directed by and in coordination with FEMA, Health & Human Services (HHS) will provide appropriate mickent Response			
217666	2176 56 V117090102HHS0100	5	pre-Declaration	09/02/17	09/02/17	HHS	80	Coordination Team (IRCT) personnel to USVI to support FEMA response operations. Personnel may include, but is not limited to,	9/10/17	\$35,000.00	Fos
								Emergency Response Team (ERT/IMAT). Preliminary Damage As directed by and in coordination with FEMA, Health & Human Services (HHS) will provide appropriate incident Response			
237789	V17090102HHS0101	5	pre-Declaration	09/03/17	09/03/17	HHS	œ	Coordination Team (IRCT) personnel to USVI to support FEMA response operations. Personnel may include, but is not limited to,	9/10/17	\$427,000.00	FOS
								Emergency Resoonse Team (ERT/IMAT). Preliminary Damage As directed by and in coordination with FEMA, National Oceanic and Amostoberic Administration (NOAM) will provide a proceedate			
237788	237788 VII7090102NOAA0100	5	pre-Declaration	09/04/17	09/04/17	NOAA	vı	personnel to EARLE 201 Highway 34 South Coltsneck, NJ 07722 to	9/11/17	\$3,000.00	SO.
								support FEMA response operations. This may include but is not limited to, the following: As directed by and in concludation with FEMA, US Coast Guard (HYCA), will conclude to concerning the provision II ben't and			
237754	237754 Vi17090102USCG0100	5	pre-Declaration	71/60/60	09/03/17	usce	non-specific ESF	other entities or facilities in support of FEMA response	9/11/17	\$10,000,00	FOS
								pperations. It is may include but is not limited to the following: An element has not limited to the following:			
243969	V17090102USCG0101	5	pre-Declaration	10/16/17	10/16/17	USCG	non-specific ESF	As directed by and in coordination with FEMA, u.b. Coast sulard (USGG) will provide appropriate personnel to Region II RRCC or fellities in support of FEMA response	10/11/17	\$225.00	FOS
								operations. This ringlide but is not limited to the following:			
237694	237694 VI17890102USDA0100	5	pre-Declaration	09/02/17	09/02/17	USDA	11	Agriculture (USDA) will provide appropriate personnel to the RRCC, FEMA teams, or other facilities in support of FEMA	9/11/17	\$10,000,00	FOS
								response operations. Fundine for USDA command center(s), if authorized by FEMA, will sed directed by and in coordination with FEMA, Dept of Justice (DO) will provide aparconiste personnel to EARLE 201. Histway			
237693	237693 VI17090102USDJ0100	5	pre-Declaration	71/20/60	09/02/17	rdsn	13	34 South, Colts Neck, NJ 07722 to support FEMA response	9/11/17	\$10,000.00	FO5
								operations. Funding for DOJ command center(s), if authorized by FEMA, will As directed by and in coordination with FEMA, US Forest Service (USFS) will provide appropriate personnel to GARIE 201 Highway			
237668	237688 VI17090102USFS010D	5	pre-Declaration	09/02/17	09/02/17	USFS	4	34 South, Colts Neck, NJ 07722, or other facilities in support of response operations. Funding for USFS command center(s), if	9/11/17	\$10,000.00	FOS

236811	236811 43825MIADODD100	4	TROPICAL STORM	71/02/00	21/05/00		and specific act	As requested by and in controlled with reway, but will provide a Defense Coordinating Officer (ICCD), supporting state learned force.	E1001,111,0	6	Š
		S	HARVEY	17 (57 (50	17 (67)00	3		(UCL), and services in Egiotian and state Lining Farley Fregatedries, Laiston Offices (REPLOS and SEPLOS), Region VI RRCGs, Joint Field Offices/Initial Operating Facility (JFO/IOF), or other locations As requested by and in coordination with FEMA, DOD will provide the contract of the coordination with FEMA, DOD will provide the contract of the coordination with FEMA, DOD will provide the contract of the coordination with FEMA, DOD will provide the coordination of the coordination with FEMA, DOD will provide the coordination of the coordination with FEMA, DOD will be contract.	/11/201/6	000,000	ŝ
239935	3382EMLADODO1D1	ځ	TROPICAL STORM HARVEY	09/22/17	09/22/17	gog	non-specific ESF		9/14/2017	\$5,000	FOS
237308	237308 3382EMLADOD0200	5	Tropical Storm Harvey	08/31/17	08/31/17	000	7	As requested by and in coordination with FRAM, ESPS, and ESPS, DOO will provide ground transportation vehicles to include but not invited to buses. Operations will be conducted in the State of Louisians. Doo will be prepared to conduct Ashour operation. DOD will coulde necessary CZ, maintenance personnel, and	9/1/2017	\$250,000	D⊬A
236888	236888 3382EM(ADDT0100	≤	TROPICAL STORM HARVEY	08/29/17	08/29/17	ТОО	ert	As directed by and in coordination with FRNA, Dept of Transportation (DOT) will provide appropriate personnel to GONSEP ECC, and other locations as necessary, to support FENA response operations.	9/11/2017	\$3,000	FOS
237088	237088 3382EMLAGSAQ100	≤	TROPICAL STORM HARVEY	08/29/17	08/29/17	GSA	^	As directed by and in coordination with FEMA, General Services Administration (GSA) will provide appropriate personnel to LA to support FEMA response operations.	9/11/2017	\$5,000	FOS
237319	237319 3382EMLAUSAF0100	≤	TROPICAL STORM HARVEY	08/31/17	08/31/17	USAF	v ₁	As directed with fixed priction with Fixed. Vash with browne provide aircraft/teinlords and personnel to accomplish aerial/ground imaging and transportation of personnel/light cargo. Immediately post incident provide damaga assessment and other assigned tasks as directed by Fixed/State Request still propressratily be epocoded and toon landmr unload digntal files to	9/20/2017	\$4,000	DFA
237108	237108 338ZEMLAUSDIOLOD	4	TROPICAL STORM HARVEY	08/29/17	08/29/17	uspi	13	As directed by and in coordination with HMA, Dept of Justice (DOJ) will provide appropriate personnel to Louisiana to support FEMA response operations.	9/12/2017	\$3,000	FOS
237629	3382EMLAUSDJ0101	≤	TROPICAL STORM HARVEY	71/20/60	09/02/17	rasu	13	Enfante for Dicement extended, if unberinded by FRMA, will Additionable and in coordination with FBMA, Opti of Justice (IOO) will provide appropriate personnel to Louisiana to support FEMA response operations.	9/1/2017	(\$1,500)	Fos
237619	237619 3382EMIAUSGS0100	5	TROPICAL STORM HARVEY	71/20/60	09/02/17	USGS	ιn	Fundine for DOJ command center(s), if authorized by FEMA, will USSGs an product the Elifownig in direct support of response and recovery operations. Field measurements of flood water heights in imparted communities;	7102/05/6	\$200,000	FOS
239512	3382EMLAUSG50101	4	TROPICAL STORM HARVEY	71/61/60	09/15/17	USGS	νı	USGS are provide the following in direct support of response and recovery operations: recovery operations: Commission of flood water heights in impacted communities.	9/30/2017	(\$100,000)	FOS
241755	3382EMLAUSGS0102	8	TROPICAL STORM HARVEY	09/26/17	09/26/17	USGS	kv.	Deblow succeiversal water-level massivine instruments. USGS can provide the following in direct support of response and recovery operations: Field measurements of flood water heights in impacted communities;	9/30/2017	(\$36,671)	FOS

238145 3	238145 3385EMFLUSDIO100	3	HURRICANEIRMA	09/06/17	71/90/60	rosn	13	As directed by and in coordination with FEMA, Dept of Justice (DOJ) ESF #13 National Coordination Center (NCC) will provide an armed Federal law enforcement officer (FLEO) Quick Response Team for the infort or navide force.	9/20/2017	\$1,000,000	50s
238379	338SEMFLUSDJ0101	æ	HURRICANEJRMA	09/07/17	71/10/60	USD	13	een (LA), ou dies sexuit veen as requires, to produce ince orogenoto, security, and series la we refroement support and orogenot and was directed by any orogenotomy with VEV begin of lastice (DO) [55: #13] National Coordination Center (NCC) will provide an aimed Feder la we office remort officer (FEG Quilt Response Tawn (REI) or other centity same as centuried to conside furer.	9/20/2017	\$7,269,245	FOS
239332	338SEMFLUSDI0102	교	HURRICANE IRMA	09/12/17	09/12/17	nspi	33	Oriental in the control and feet when the control and the cont	9/20/2017	(\$8,269,245)	FOS
238611 3	238611 3386EMSCCOE-SAD0100	õ	HURRICANE IRMA	71/01/60	09/10/17	COE-SAD	m	ordetection, security and equestally we edisconnent subnoct and Activation for appropriate USACE personnel to perform the functions of EE 3 in the RECL, IOC, IAC) incident Management Assistence Team (MAT). Peliminary Damage Assessment (PDA) Team, or other teams and locations, at the direction and	9/30/2017	\$10,000	FOS
240592 3	240592 3386EMSCCOE-5A00200	S	HURRICANE IRMA	09/19/17	09/19/17	COE-SAD	m	coordination of FRMA Bulloment Lutchbase and naturalized As directed by and in coordination with FRMA, USACE will provide (pre-position) Pemporary bower support assets for enneignory power generation to the affected area in support of FEMA response pieraidons.	10/3/2017	\$156,000	FOS
238619 3	238619 338EMSCDOD0100	S	HURRICANE IRMA	09/08/17	09/08/17	909	non-specific ESF		9/21/2017	\$20,000	FOS
238620 3	238620 3386EMSCDOT0100	X	HURRICANE IRMA	09/08/17	71/80/60	100	п	As directed by and in coordination with FEMA, Dept of Transportation (DOT) will provide appropriate personnel to South Carolina to support FEMA response operations.	9/21/2017	\$10,000	F05
238732 3	238732 3388EMSCGSAD100	×	HURRICANE IRMA	09/10/17	09/10/17	65A	7	Funding for DOT command center(s). If authorized by FENA, will additivation for appropriate CoSA personnel to perform the functions of EST in FRRCC, OIF, IFO, incident Nanagement Assistance Team (INMAT), Prelimitary Damage Assessment (PDA). Team, or other teams and locations, at the direction and	10/8/2017	\$10,000	FOS
238957 3	Z38957 3386EMSCNOAA0100	×	HURRICANE IRMA	09/12/17	09/12/17	NOAA	w	coordination of ERMA, coordination with FEMA, National Oceanic & Universities by and in coordination with FEMA, National Oceanic & Astrosperate Administration (NoAA) will provide support which may include, but is not limited to, rapidly collecting, processing, and distributing high resolution, geo-rectified aerial imagent.	9/30/2017	\$25,000	FOS
238771 3	238771 3386EMSCUSAF0100	X	HURRICANE IRMA	71/01/60	09/12/17	USAF	7	As requested by and in continuous management of the continuous and personnel and personnel management of the continuous and personnel management and personnel maging and transportation of personnel/light cargo, immediately post incident provide damage assessment and other assigned	9/28/2017	\$30,000	FOS
239746 3	239746 3388EMFLDO10100	ಹ	HURRICANE IRMA	09/13/17	09/14/17	Ď	non-specific ESF	useks a directed by FEMA Request still blondersow be provided a '8th Usington' 6 fords to relip coordinate with the R-4 Triabal Liston and the Seminner fries and outer affected tribes in Florida during response and recoven viscus and provide and coordinate the interagency Hurricane Tribal Assistance.	10/12/2017	\$15,000	Pos

DFA	503	DfA	FOS	FOS	DFA	DFA	DFA	DFA	FOS
\$1,500,000	\$25,000	\$120,000	\$273,000	\$12,500	000'68\$	0\$	0\$	(\$13,000)	\$500,000
10/12/2017	9/30/2017	10/4/2017	9/25/2017	11/18/2017	9/11/2017	9/25/2017	9/25/2017	9/21/2017	9/6/2017
As requested by and in conjunction with FEMA, ESF #13 will supply Federal Law Enforcement Officers/Agents, with vehicles, to provide force protection, est security, asset protection, co-site in we enforcement or other safety and security duties, in support of FEMA, 3388-EMA SEM, Hurricane inna Florida, Horbing Ceeanic & activosperic Administration (NOAA) will provide support which & Actrospheric Administration (NOAA) will provide support which	may include, but is not include, but is not continued to rapidy collecting, processing, and distributing high resolution, zee-redified aerial imagery and/or lieht Detection Provide personnel and equipment to augment and assist State and local HALIY authorities in the public health resonce in St.	Thomas and St. Dan's districts to mitigate immediate or short-term negative health impacts from the disaster. Work may include any or all of requested by and in coordination with ERAA, the DOD will provide woive, data, and video communications solutions at a	fixed location for personnel providing coordination of initial assistement teams and other first responders. Provide Internet reach back. by and in coordination with FBMA, the United States Agency for International Development will provide USAND.	personnel to assist with Badging and fingerprinting utilizing EMAX's Electronic Fingerprint (18 and 1870-12 Badging Units. Locations will van from the JPO. JPO Annex, Benach Offices and Less Annimal Health Commission (TAHG); sequenting assistance from USDA Annimal and Plant Health Inspection Services (APHIS)	to support TAHC with coordination of pet sheltering/response activities. A Efforth mission suspinents if sequined since this support is not within USDA APHIS statutory authorities, however, less shownly labell to Commodi	to support TAHC with coordination of pet sheltering/response activites. A Felds mission suspinents if sequined since this support is not within USDA APHIS statutory authorities; however, tests Annimal Felds (Commission (TAHC)); superging sussignance from USDA Annimal and Plant Health Inscretion Services (APHIS).	to support TAHC with coordination of pet sheltering/response activites. A Flack mission sagement is required since this suggeout is not within USDA APHS statutory authorities; however associate submitting the statuminal statution with the statution statution statution to the must be made and per alternation shall be made and the must statut in statution to the statution sta	to support TAHC with coordination of pet sheltering/response activities. A Flash mission supprement is required since this support is outport to exhibit 150 APHS statutory authorities; however definered by and in coordination with FRAM, Customs and Border Protection (TBP) will provide assistance to FRAM search	and rescue, in support of FEMA response operations. GBP will one-costition resources and/or orguide assistance to deforced by and in coordination with FEMA, EBP will provide appropriate personnel to the NRCC to support FEMA response operations.
£1	40	80	2	13	11	#	11	11	9 13
rosn	NOAA	RHS	gog	AID	APHIS	APHIS	APHIS	APHIS	d GBP
09/14/17	09/21/17	71/12/60	71/61/60	10/19/17	08/29/17	08/30/17	09/03/17	09/14/17	08/29/17
09/14/17	09/18/17	09/20/17	71/61/60	10/19/17	08/29/17	08/30/17	09/03/17	09/14/17	08/29/17
HURRICANE IRMA	HURRICANE IRMA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY
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139806 338EMFLVSDD100	239644 3389EMALNOAA0100	240759 3390EMVIHHSQ4D0	240563 3391EMPRDODO100	2450cs 4332CRTXAID0100	236963 4332DRTXAPHISO100	134 4332DRTXAPHISO101	596 43320RTXAPHISO102	504 4332DRTXAPHISQ103	236775 4332DRTXCBPQ100 237086 4332DRTXCBP0300
239	235	240	240	245	236	237134	237696	239504	236

Funding for CBP command center(s). if authorized by FEMA. will

DFA		DFA	FOS	Fos	DFA	FOS	FOS	F05	FOS	FOS	FOS
\$750,000		0\$	\$4,500,000	\$10,000	35,000,000	\$65,000	\$1,470,000	\$200,000	05	\$15,000	\$200,000
9/12/2017		9/12/2017	9/30/2017	9/29/2017	9/18/2017	9/23/2017	12/31/2017	9/4/2017	9/4/2017	9/8/2017	9/14/2017
As directed by and in coordination with FEMA, Customs and Border Protection (CBP) will provide assistance to search and rescue, in support of FEMA response operations.	All purchases and expenditures must be coordinated with FEMA. Prior anorogal from the Federal Anorovine Official FAQ. Is As directed by and in coordination with FEMA, Customs and Border Protection (CBP) will provide assistance to search and	rescue, in support of FEMA response operations. Pletuchases and expenditures must be coordinated with FEMA. Prior approal, from the Federal Appropriate Official (FAO) is deferred by an one official (FAO) is deferred by an one official (FAO) is deferred by an in coordination with FEMA. Customs & Bonder Protecting (FEID) will recordinate announties aircraft marine or any Protecting (FEID) will recordinate or any	other assets and personnel to support pre- deployment/deployment operation for search and rescue, conomissance, utokistic, os and other mission recuested of As directed by and in coordination with FRAA, CBF will provide a	Congressional Liaison to support the functions of ESF #15 by providing tended advistites of providing tended advistites of their agency. The staff degloved must be able to speak publicly on behalf of their agency.	In coordination with Federal ESF-13 (ATF) CBP will provide air support to the City of Houston Police Department.	Not Activation MAs. Request DHS Component Agencies to provide Personnel Security Specialist to provide local hire and contractor background screening a duldication in support of Hurriane Planvey response efforts. Personnel and their DHS	Component, hence, have been identified. Gap will provide a different day and incoordination with FEMA, Cap will provide permanent federal agency personnel to exclude temporary hires of the other DHS agencies willing to deficely for a field assignment to supplement OHS/FEMA's disaster response and recovery	Deploy Washington Conservation Corps assets (including staff) to Deploy Washington Conservation Corps assets (including staff) to support registration/finake of survivors after Hurriane Harvey. Assets will receive training prior to taking phone calls from	univordix washingtan Cansarvation Corps assets (Including staff) to Deploy Washingtan Cansard Service Center in Oenton, TX to support registation/Intake of Survivors after Hurritane Harvey. Assets will receive training prior to taking phone calls from	As directed by and in coordination with FEMA, Corporation for National Community Service (CNCS) will provide appropriate personnel to FEMA operations in response to Hurricane Harvey.	Funding for CNCS command center(s). If authorized by EUA4, will As directed by and in coordination with EUA, Corporation for National Community Service (CNCS) will provide apprepriate personnel to FEMA operations in response to Hurricane Havey for support to FEMA VAI. coordination, volunteer and donations for support to FEMA VAI. coordination, volunteer and donations.
σ.		on.	7	15	7	13	5	ڼ	9	non-specific ESF	non-specific ESF
CBP		CBP	CBP	CBP	CBP	CBP	CBP	CNCS	CNCS	CNCS	CNCS
08/30/17		09/03/17	08/30/17	09/02/17	71/50/60	09/18/17	10/06/17	08/26/17	08/27/17	08/28/17	08/29/17
08/30/17		09/03/17	08/30/17	09/02/17	71/50/60	09/18/17	10/06/17	71/92/BO	08/27/17	08/28/17	71/67/80
HURRICANE HARVEY		HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY
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23718D 4332DRTXCBP0400		237722 4332DRTXCBP0401	237230 4332DRTXCBP0500	237651 4332DHTXCBPQ600	237938 4332DRTXCBP0700	240346 4332DHTXCBP0800	242508 4332DHTXCBP0900	236589 4332DRTXCNCS0100	236656 4332DRTXCNC50101	236760 4332DRTXCNCS0300	237002 4332DRTXCMCSO400
2		14	7	~	7	7	7	7	2	7	7

								As directed by and in coordination with FEMA, Corporation for			
237267	4332 DRTXCNC50401	¥	HURRICANE HARVEY	08/31/17	08/31/17	CNCS	non-specific ESF	National community Service (LNCS) will provide appropriate personnel to FEMA operations in response to Hurricane Harvey	10/30/2017	\$500,000	FOS
240944	JANGAA ARRINCHICADO	2	HIPPITANE HARVEY	74/27/60	71/00/60	Š	and	for support to: FEM'S VAL coordinators, volunteer and donations management information collection, VCAD, coordination. As directed by and in coordination with FEMA, Corporation for National Community Exercise (CVC), will provide appropriate anecomed to FEMA one-ethics in recorner.	7,102/12/11	ş	Q.
		2		177/60	177 160	3		personner for Link Operatoris intesponse to normaine naivey for support to: FEMA VAL coordination, volunteer and donations makement information collection. VOAD coordination. As directed by and in coordination unity ERMA. Concention for	7772 (77) 777	3	3
237838	4332DRTXCNC50500	¥	HURRICANE HARVEY	71/50/60	09/04/17	CNCS	non-specific ESF	As unected by another containation with retark, corporation to National Community Service (CNCS) will provide appropriate personnel to FEMA operations in response to Hurricane Harvey,	12/4/2017	\$125,000	FOS
237913	237913 4332DRTXCNC\$0600	¥	HURRICANE HARVEY	09/05/17	71/50/60	SNGS	vo	Variation for Cuts command exacted for Hardward by the April Additionable of the April Additionable of the	12/4/2017	\$3,000,000	DFA
240804	4332DRTXCNCS0601	¥	HURRICANE HARVEY	09/30/17	09/30/17	CNCS	œ	As decroors goerations; steller, feeding, donations and volunteer As directed by and in coordination with FRNA and the State of Texes, Corporation for National Community Service (CNCS) will feeling approximately 400 CNC personnel to support activities in the net limited in the following areas in curront of FERMA.	9/21/2017	(\$2,500,000)	DFA
240810	240810 4332DRTXCNCS0700	¥	HURRICANE HARVEY	71/EZ/60	09/23/17	S	φ	response control of the control of t	12/21/2017	\$4,500,000	OFA
236654	236654 4332DRTXCOE-SWD0100	¥	HURRICANE HARVEY	08/27/17	08/27/17	COE-SWD	m	support of FEVA response operations: shelter, feeding, donations and obnations are volunteer management, washousing, muck and Ad interest by and in coordination with FEVA, US Army Cop of Engineers (LGAKE) will provide appropriate personnel to the Region 6 RRC or other facilities in support of FEVA response operations. Activation may also include USACE modeling and/or operations.	7102/52/6	\$432,000	FOS
237113	4332DRTXCOE-SWD0101	¥	HURRICANE HARVEY	08/29/17	08/29/17	COE-SWD	m	National Hurtimes Protern and Hot ENAL US Army Corp of Activities of the State of the Corp of the State of the Engineers (USAE) will provide appropriate personnel to the Region of RRC or other facilities in support of F&M response operations. Activation may also include USAE modeling and/or operations.	9/25/2017	\$225,000	FOS
237462	4332DRTXCOE-5WD0102	¥	HURRICANE HARVEY	71/10/60	09/01/17	COE-SWD	м	National Hurtinana Piceram worth. Texha, US Army Corp of Andrected by and in coordination with Fixha, US Army Corp of Engineers (USAE) will provide appropriate personnel to the Region of ReCor cor other fedities in support of EMA response operations. Activation may also include USAE, modeling and/or operations. Activation may also include USAE, modeling and/or	9/30/2017	\$10,000	£05
238147	4332DRTXCOE-5WD0103	¥	HURRICANE HARVEY	09/06/17	09/06/17	COE-SWD	m	National Hurticone Precara micht. FENA, US Army Corp of Steeled by and in coordination with FENA, US Army Corp of Engineers (LOACE) will provide appropriate personnel to the Region of RRCc or other fedilities in support of FENA response operations. Activation may also include USACE modeling and/or operations. Activation may also include USACE modeling and/or	9/30/2017	\$18,400	S0.
239589	4332DRTXCDE-5WD0104	¥	HURRICANE HARVEY	71/E1/60	09/13/17	COE-SWD	m	And thouse illuminate processar was the FENA, US Army Corp of As directed by and in coordination with FENA, US Army Corp of Engineers (USACE) will provide appropriate personnel to the Engine of RECC or other featilities in support of FENA response operations. Activation may also include USACE modeling and/or operations.	9/30/2017	\$150,000	FOS

4332DRTXCOE-SWD0105	\	HURRICANE HARVEY	10/03/17	10/03/17	COE-5WD	m	As directed by and in coordination with FEMA, US Army Corp of Empirees (USCAS) will provide appropriate personnel to the Region 6 RRCC or other facilities in support of FEMA response operations. Activation may also include USACE modeling and/or Maponal Hurstmene Proteins now, the FEMA, US Army Corp of Addressed by and in coordination with FEMA, US Army Corp of	10/31/2017	\$720,000	Sō.
4332DRTXCOE-SWD01D6	¥	HURRICANE HARVEY	10/09/17	10/09/17	COE-SWD	m	Engineers (USACS) will provide appropriate performent to the Region of RACC or other fredities in support of FEAA response operations. Activation may also include USACE modeling and/or Maporial Hurstmen Personan Stories.	10/31/2017	000'06\$	Fos
4332DRTXCOE-SWD0107	Ĕ	HURRICANE HARVEY	10/17/17	10/17/17	COE-SWD	m	Enginees (USAEC) will proude a paperparts to passon all to the Region 6 RACC or other facilities in support of FEMA response operations. Activation may also include USACE modeling and/or Marging the processing proposed and all the towards FEMAER processing to the page of the provide FEMAER processing to the processing and/or local entities debris	12/31/2017	05	FOS
236662 4332DRTXCOE-SWDD200	¥	HURRICANE HARVEY	71/17	08/27/17	COE-SWD	m	operations with working under the airest supervision of replace bullic Assistance Officer for Debris Removal or the Public Assistance Officer for Debris Removal or the Public Assistance Officer for Debris Removal or the Public Assistance Officer for Debris Removal or the Public for the debrised reas and goodie toologings, requested the forcing the Assistance Officer and goodie toologings are for the debrised reas and goodie toologings.	11/26/2017	\$4,050,000	FOS
4332DRTXCOE-SWD0201	¥	HURRICANE HARVEY	71/60/01	10/09/17	COE-SWD	m	opierators with devoting the transcriptor viole to rema- pulie Assistance Officer for Debris Removal or the Public Assistance Officer for Debris Removal or the Public Assistance Officer for September 1991, which estimates for the decired areas and crowise resources are exusted to 44 directed by and in coordination with TENA, USACE will provide	12/31/2017	\$1,000,000	FOS
236669 4332DRTXCOE-SWD0300	ķ	HURRICANE HARVEY	08/27/17	08/27/17	COE-SWD	m	temporary power support assets for entergency power generation to the affected area in support of FEMA response operations.	8/26/2017	\$1,000,000	FOS
4332DRTXCOE-SWD0301	Ĕ	HURRICANE HARVEY	09/16/17	09/16/17	COE-SWD	m	As directed by and in coordination with FRAA, USACE will provide temporary power support assets for emergency power generation to the affected area in support of FRIAA response operations.	8/26/2017	(\$400,000)	FOS
236739 4332DRTXCOE-SWD05D0	¥	HURRICANE HARVEY	08/27/17	08/27/17	COE-SWD	m	As directed by and in coordination with FEMA, USACE will provide thimposity power support assets for emergency power generation to the affected area in support of FEMA response operations.	9/2/2017	\$3,600,000	DFA
4333DRTXCOE-SWD0501	¥	HURRICANE HARVEY	08/31/17	08/31/17	COE-SWD	מא	Assist will be externed to the Stathachen cheric IU.C.Melliprove As directed by and in coordination with Fokib, U.S.AC will provide temporary power support asset for emergency power generation to the affected area in support of FEMA response operations.	9/15/2017	\$4,600,000	DFA
4332DRTXCOE-SWDQS02	¥	HURRICANE HARVEY	09/03/17	09/03/17	COE-SWD	m	Assist will be runned to the facilitation content fig./Remote As directed by and in coordination with FRMA, USACR will provide temporary power support assets for emergency power generation to the affected area in support of FRMA response operations.	9/16/2017	\$	DFA
4332DRTXCOE-SWD0503	ž	HURRICANE HARVEY	71/81/60	09/13/17	COE-SWD	m	Assets will be required to the Distribution Care TIOC/Remote As directed by and in coordination with FUM, USACR will provide temporary power support assets for emergency power generation to the affected area in support of FEMA response operation:	9/21/2017	0\$	DFA

\$277,297 FOS	\$0 FDS	\$135,000 FOS	\$315,00D FOS	\$225,000 FOS	(\$100,000) FOS	\$300,000 FOS	\$20,000 DFA	\$0 DFA	\$12,000 DFA	\$107,500 FOS
9/30/2017	10/31/2017	9/30/2017	10/2/2017	10/31/2017	10/31/2017	11/30/2017	9/30/2017	9/30/2017	9/21/2017	9/30/2017
As directed by and in coordination with FEMA, US Army Corp of Engineer (USAC), will extoler and pre-position the management cell of the infrastructure Assessment (IA) PRT to conduct initial planning and preparedness efforts in support of FEMA response.	operations. Adjusted by and in coordination with FEMA, US Army Corp of Adjusted by and in coordination with FEMA, US Army Corp of Enginees (USAC). Will activate and pre-position the management cell of the infrastructure Assessment (IA) PRT to corolard initial planning and preparedness efforts in support of FEMA response	Operations, As directed by and in coordination with FEMA, USACE will provide technical expertise to FEMA DR-4322-TX to aid in accomplishing priority missions in support of response operations.	Exacritse may include, but is not be limited to: USACE will provide a directed by ad in coordination with FEMA, USACE will provide technical experties to FEMA DR-433.2.7.X to aid in accomplishing priority missions in support of response operations.	Expertise may include, but is not be limited to: USACE will provide adverted by and in constitution with FEMA, USACE will provide technical expertise to FEMA DR-4332-X for aid in accomplishing priority missions in support of response operations.	Expertise may include, but is not be limited to: USACE will provide adviced by adviced by and in coundination with Felbu, USACE will provide technical expertise to EfbA. DR-432.* To aid in accomplishing priority missions in support of response operations.	Expertise may include but is not be limited to: USACE will provide addressed by and in coordination with Fibble, USACE will provide technical expertise to Efbyt DR-432.7 Kt oald in accomplishing priority missions in support of response operations.	Examities may include but it not be limited to "Advected by Advected by and in coordination with Fabru, USACE will provide temporary pump support assets for to the affected area in support of Statel/FMM response operations. Costs will include, transport, delivery, set-up, replacement of any expended.	supplies, and returning ournos to National Islood Field Materials As directed by, and in coordination with FEMA, USACE will provide temporary pump support asset for to the affected area in support of State/FEMA response operations. Costs will include, transport definery, set up, Islogemented of any expended transport definery, set up, Islogemented of any expended transport definery, set up, Islogemented of any expended transport definery.	A directed by, and in condition with EbAA, USACE will analy directed by, and in condition with EbAA, USACE will are growed temporary pumps support assets for the affected area in support of Stack/FEBAA response operations. Costs will include, transport, delivery, set-up, replacement of any expended	augules, and returnine pumps to National Pool Field Materials Adirected by and in coordination with FEMA, USACE will extent as not proposition the management element of the Oebirs FRT to assess needs and coordinate emergency planning with appropriate Federal and State agencies in
m	m	m	m	m	w	m	m	rri.	m	m
COE-SWD	COE-SWD	COE-SWD	COE-SWD	COE-SWD	COE-SWD	COE-SWD	COE-SWD	COE-SWD	COE-SWD	COE-SWD
08/29/17	09/28/17	08/29/17	71/60/60	09/04/17	09/11/17	10/12/17	71/10/50	09/03/17	71/91/50	09/01/17
08/29/17	09/28/17	08/29/17	09/03/17	09/04/17	09/11/17	71/21/01	09/01/17	09/03/17	09/16/17	09/01/17
HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY
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236964 4332DRTXCOE.5WD0600	014 4352DRTXCOE-SWD0601	237000 43320RTXCOE-SWD0700	160 4332DRTXCOE-5WD0701	166 4332DRTXCOE-SWD0702	110 4332DRTXCDE-5WD0703	776 4332DRTXCOE-SWD0704	237413 433ZDRTXCOE-5WD09D0	16 4332DRTXCDE-SWD0901	173 4332DRTXCOE-5WD0902	237458 4332RTXCOE.5WD1000
2369	242014	237(237760	237766	238910	243676	2374	237716	239973	.782

HURRICANE HARVEY
HURRICANE HARVEY 09/02/17 09/02/17 COE-SWD
HURRICANE HARVEY 10/12/17 10/12/17 COE-5WD
HURRICANE HARVEY 09/02/17 COE-SWD
HUBRICANE HARVEY 10/04/17 10/04/17 CGE-5WD
HURRICANE HARVEY 10/17/17 10/17/17 CGE-SWD
HURRICANE HARVEY 09/02/17 COE-SWD
HURRICANE HAVEY (9/11/17 (9/11/17 COE-SWD
HURRICANE HARVEY 10/09/17 COE-5WD
HURRICANE HARVEY 10/28/17 CCE-SWD
HURRICANE HARVEY 09/03/17 COE-SWD

503	FOS	FOS	FOS	FDS	FOS	DFA	OFA	DFA	OFA	DFA
80	\$250,000	000′565	\$155,000	\$2,240,000	000'005\$	\$1,600,000	(\$1,500,000)	005'009'6\$	(\$9,100,000)	\$1,600,000
11/30/2017	1/31/2018	9/14/2017	10/26/2017	11/26/2017	11/3/2017	12/31/2017	9/21/2017	12/31/2017	9/21/2017	10/31/2017
As directed by and in coordination with FEMA, USACE will Activate and deploy (per-position) the management celf of the Housing Planning and Response Team and/or SME's in	repeatation for executing a tricial public datalises mission in scorpor of FEMA rescorpe coarsions. Symport may include but As directed by and in coordination with FEMA, USAEF will extrust and deploy (per-position) the management cell of the Housing Panhinig and Response Team and/or SME's in	repeatation for executing a tritical public distilless mission in support of FEMA rescones coersistions. Support in switcher but additived the Additived by Additive by Support of FEMA response operations.	Activation may also include USACE modeling, mapping and consequences (MMC). As directed by and in coordination with FEMA, USACE will provide staff for the preparation of Progret Worksheets (WW) for the delivery of FEMA's Public Assistance Program in support of FEMA response operations.	The Pows will detects all casedonised on within the Public As directed by and in coordination with FRMA, USACE Will provide staff for the preparation of Protect Worksheets that for the preparation of Protect Worksheets (Works) for the delivery of FEMA's Public Assistance Program in support of FEMA response operations.	The Plays will establish the organizations of your within the Public USACE will establish the organizational structure to coordinate and integer and integer at must store account will play a profit closure. Takk forces will also adjudicate and allocate resources and provide poolity related advice and support to assist in the	execution of Usicia sistemed unissions. Mission Assistements as directed by and in coordination with FDMA, the U.S. Army Corps of Engineers (USACE) will activate and deploy brinchmental NFBA specialise personnel to assist with response/recovery activates associated with 432208–17. Specialists will assist with gravitonmental and historical.	As undertied by an uncodomatom with Text, to c.s. Anny Corps of Engineers (19ACE) will activate and deploy Environmental NEPA specialist personnel to assist with response/recovery and activities associated with Assist Assistance of the Assistance of Assistance	As previously with supply with properties of the supply of	Engineers (USACE) will actives and deploy Technical Monitors of the Housing Pitz to conduct initial assessment efforts in support of FRMA recovery operations. Support may include the following: according Fig. May with mobile home park insections for Ad directed by and in coordination with FRMA, the US. Admy	Corps of Engineers (LGACE) well arrivate and depty Environmental NEP As specialist personnel to assist with response/irecovery activities associated with 4930DR-TX. Seeclaists will assist with environmental and with 4930DR-TX. Seeclaists will assist with environmental and
m	m	m	es.	m	m	m	m	m	m	m
COE-SWD	COE-SWD	COE-SWD	COE-SWD	COE-SWD	COE-SWD	COE-SWD	COE-SWD	COE-SWD	COE-SWD	COE-SWD
10/09/17	10/28/17	71/01/60	09/08/17	09/10/17	71/80/60	09/12/17	10/09/17	09/13/17	10/09/17	09/22/17
10/09/17	10/28/17	71/01/60	71/80/60	71/01/50	09/08/17	09/12/17	10/09/17	09/13/17	10/09/17	11/22/60
HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY
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4332DRTXCOE-5WD1401	4332BRTXCOE-SWD1402	238441 4332DRTXCOE-SWD1500	238425 4332DRTXCOE-SWD1600	4332DRTXCOE-SW01601	238467 4332DRTXCOE-SWD1700	239229 433ZDRTXCOE-SWD1800	4332DRTXCOE-SWD1801	239250 4332DRTXCOF.SWD1900	4332DRTXCOE-SWD1901	240625 4332DRTXCOE-SWD2000
243262	245863	238441	238425	238958	238467	239229	243044	239250	242976	240625

PODCHAND DOTATION OF	}	UTI DOLCANIE LANGUER	1,000	20/02/04	Grad Local	r	As directed by and in coordination with FEMA, the U.S. Army Corps of Engineers (USACE) in acrosse and Corps of Engineers (USACE) in a consistence and Corps of Engineers (USAC	E30C)16/C1	S	Š
≤		TURNICANE HARVET	71/57/01	10/24/17	ON-SWE	n	j,	1102/110/21	2	ž.
¥		HURRICANE HARVEY	09/22/17	09/22/17	COE-SWD	ú	onduct initial overy ine: subportine FEMA MA, US Army Corps of	10/31/2017	\$4,000,000	DFA
¥		HURRICANE HARVEY	10/13/17	10/13/17	COE-SWD	φ	Explaines to Lossy by wat explain the beginning of the conduct initial Technical Monitors of the Housing RHT to conduct initial seasonment definition in support of IRAM recovery coentiform, support may include the following supporting FEAA or requested by the sixe and monitoring with FEBAA, USACE	11/30/2017	\$2,000,000	DFA
×		HURRICANE HARVEY	09/22/17	09/22/17	COE-5WD	m		12/31/2017	\$60,000,000	DFA
¥		HURRICANE HARVEY	71/62/60	09/29/17	COE-SWD	m		10/31/2017	\$5,400,000	FOS
¥		HURRICANE HARVEY	10/17/17	10/17/17	COE-SWD	m	the public Assistance Site Interesting Inventor Mark to a series or cure public Assistance Site Interesting Inventor Market or Series or	1/28/2018	0\$	FOS
Ĕ		HURRICANE HARVEY	09/29/17	09/29/17	COE-SWD	φ		10/31/2017	\$225,000	FOS
Ĕ		HURRICANE HARVEY	10/17/17	71/71/01	COE-SWD	ø	on m	12/31/2017	0,	FOS
¥		HURRICANE HARVEY	10/14/17	10/14/17	COE-SWD	m	ted to, Critical and Il provide	12/31/2017	\$250,000	DFA
¥		HURRICANE HARVEY	11/01/17	11/01/17	COE-SWD	m	operations in Texas. Support may include, but is not limited to, the following measures:Proceed and place and place temporary critical Public Facilities units:Provide site assessment destins, and in conjunction with FEMA. Electrime the base course of action to remediate impact to artifield operations by altering ingress and	4/36/2018	\$750,000	DFA
×		HURRICANE HARVEY	11/03/17	11/03/17	COE-SWD	m	egress routes. Repair as necessary damages to gates, fences, roads, abrons, taxiwavs, and other damages as determined by	12/31/2017	\$50,000	FOS

								cted by a			
OCCOUNTS ASSESSMENT OF THE PROPERTY OF THE PRO	DMD00100	\$	NAVA TO SERVICE OF THE SERVICE OF TH	F1/3C/00	1120/00	O SHOW	u	DNDO (Agency) will provide permanent Federal agency	10/13/2011	001 010	Š
	200	•		17 107 100	17 /07 /00		1	willing to deploy for a field assignment to supplement	102/01/01	001/2126	3
								MA's di			
238848 433	4332DRTXDHS-DND00101	¥	HURRICANE HARVEY	09/16/17	09/16/17	DHS-DNDG	'n	DNDO (Agency) will provide permanent Federal agency personnel (to exclude temporary hires of the other DHS agencies)	10/13/2017	(\$184,100)	FOS
								willing to deploy for a field assignment to supplement			
								DHS/FEMA's disaster response and recovery efforts. As directed by and in coordination with FEMA, _DHS-			
								DNDO (Agency) will provide permanent Federal agency			
243162 433	4332DRTXDHS-DNDC0102	×	HURRICANE HARVEY	10/06/17	10/06/17	DHS-DNDO	'n	personnel (to exclude temporary hires of the other DHS agencies) willing to deploy for a field assignment to supplement	12/31/2017	S	FOS
								DH5/FEMA's disaster response and recovery efforts. As directed by and in coordination with FEMA, USCIS will provide			
								permanent Federal agency personnel (to exclude temporary hires			
236547 4332DRTXDHS-MGT0100	S-MGT0100	¥	HURRICANE HARVEY	08/25/17	08/26/17	DHS-MGT	'n	of the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FEMA's disaster response and recovery	9/4/2017	\$12,000,000	fos
								efforts Ac directed to and in coordination with FEMA 11STS will provide			
								permanent Federal agency personnel (to exclude temporary hives			
238304 43	4332DRTXDHS-MGT0101	ž	HURRICANE HARVEY	71/10/60	71/20/60	DHS-MGT	'n	of the other DHS agencies) willing to deploy for a field assignment	9/30/2017	0\$	503
								to supplement DHS/FEMA's disaster response and recovery			
								efforts. As directed by and in coordination with FEMA, USCIS will provide			
								permanent Federal agency personnel (to exclude temporary hires			
239056 43	4332DRTXDHS-MGT0102	ř	HURRICANE HARVEY	09/30/17	09/30/17	DHS-MGT	'n	of the other DHS agencies) willing to deploy for a field assignment	9/30/2017	(\$6,750,000)	FOS
								to supplement DHS/FEMA's disaster response and recovery			
								efforts. As directed by and in coordination with FEMA, USCIS will provide			
								permanent Federal agency personnel (to exclude temporary hires			
242474 43	4332DRTXDH5-MGT0103	¥	HURRICANE HARVEY	10/03/17	10/07/17	DH5-MGT	'n	of the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FEMA's disaster response and recovery	9/30/2017	(\$4,752,804)	FOS
								efforts. As directed by and in coordination with FEMA. DHS-Office of the			
								Citizenship and Immigration Services Ombudsman			
236566 4332DRTXDHS-MGT0700	S-MGT0700	X	HURRICANE HARVEY	08/26/17	08/26/17	DHS-MGT	v	(Agency) will provide permanent Federal agency personnel (to	9/4/2017	\$197,960	FOS
								exclude temporary hires of the other DHS agencies) willing to			
								debloy for a field assignment to supplement DHS/FEMA's disaster. As directed by and in coordination with FEMA, _DHS-Office of the			
								Citizenship and Immigration Services Ombudsman			
238918 43	4332DRTXDHS-MGT0701	¥	HURRICANE HARVEY	71/01/60	09/10/17	DHS-MGT	v	(Agency) will provide permanent Federal agency personnel (to	9/4/2017	(\$183,960)	FOS
								exclude temporary hires of the other DHS agencies) willing to			
								deploy for a field assignment to supplement DHS/FEMA's disaster. As directed by and in coordination with FEMA, _DHS-Office of the			
								Citizenship and Immigration Services Ombudsman			
243075 43	4332DRTXDHS-MGT0702	¥	HURRICANE HARVEY	10/06/17	10/06/17	DHS-MGT	'n	(Agency) will provide permanent Federal agency personnel (to	12/31/2017	S.	FOS
								exclude temporary hires of the other DHS agencies) willing to			
								deploy for a field assignment to supplement DHS/FEMA's disaster s directed by and in coordination with FEMA, DHS-Office of the			
								General Counsel (Agency) will provide permanent Federal agency			
236551 4332DRTXDH5-MGT0800	5-MGT0800	¥	HURRICANE HARVEY	71/12/80	08/27/17	DHS-MGT	5	personnel (to exclude temporary hires of the other DHS agencies)	9/4/2017	\$141,400	FOS
								willing to deploy for a field assignment to sunplement			

243077	4332DRTXDHS-MGTD801	¥	HURRICANE HARVEY	10/11/17	71/11/01	DHS-MGT	κń	s directed by and in coordination with FEMA, DHS-Office of the decreat Council (Agensy) will growthe personnel federal agency personnel for actual centrolosty hires of the other DHS agencies) willing to deploy for a field assignment to supplement AFFEMAX, educated resonance and resonew AFFEMAX, educated by and in coordination with FEMA,DMS-Office of AFFEMAX educated by and in coordination with FEMA,DMS-Office of	12/31/2017	0\$	Fos
236570 43	236570 4332DRTXDH5.MGT0900	¥	HURRICANE HARVEY	08/26/17	08/26/17	DHS-MGT	vi	the Executive Secretary. (Agency) will provide permanent Federal agency personnel (to exclude temporary hires of the other DHS agencies) willing to deploy for a field assignment to supplement DHS(AMM), dissass creations and executive efforts.	9/4/2017	\$113,120	FOS
238886	4332DRTXDH5-MGT0901	¥	HURRICANE HARVEY	09/10/17	09/10/17	DHS-MGT	'n	an elected by and in coordination win revoms-office of the Executive Secretary _ (Agency) will provide permanent Federal agency personnel (to exclude temporary hires of the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FEMA's disaster resconse and rescover violation. As directed by and in coordination with FEMADHS-Office of	9/9/2017	(\$99,120)	FOS
243183 433	243183 4332DRTXDHS-MGT0902	¥	HURRICANE HARVEY	10/11/17	10/11/17	DHS-MGT	vı	the feeruive Sectoraby Lifequor(s) III provide generators federal agency personnel (to acclude temporary hires of the other DMs agencies) willing to deploy for a field assignment to supplement Applications of the field assignment of supplement Applications and recovery for a field assignment to supplement Applications of the field of the fie	12/31/2017	\$0	FOS
236568 433	236568 4332DRTXDH5-MGT1000	¥	HURRICANE HARVEY	08/26/17	08/26/17	DHS-MGT	vo ,	Office (Agency) will provide permanent federal agency personnel to exclude temporary hirse of the other DHS agencies) willine to declor for a field ststement it as une other DHS agencies) of directed by and in coordination with FRMA_DHS**Pinecy	10/13/2017	\$56,560	F05
243199	4332DRTXDHS-MGT1001	¥	HURRICANE HARVEY	10/11/17	10/11/17	DHS-MGT	in.	United (Agency) will provide permanent Federal agency personnel to eactude temporary hires of the other DHS agencies) williar to edutor for a field assement bro undeferrent Adirected by and in coordination with FRMs_DHS.	12/31/2017	\$0	FOS
236571 438	236571 4332DRTXDH5-MGT1100	¥	HURRICANE HARVEY	08/26/17	08/26/17	DHS-MGT	rv.	Analgement Understorte	9/4/2017	\$4,128,880	FOS
238860	4332DRTXDHS-MGT1101	¥	HURRICANE HARVEY	21/01/60	09/10/17	DHS-MGT	47:	in an ageneral to the account of the general property and protect between the federal agency pressonned (to ecclude tennoran's interest bit agency pressonned (to ecclude tennoran's interest bit and assignment to supplement to	9/9/2017	(\$3,904,880)	FOS
243200	4332DRTXDHS-MGT1102	¥	HURRICANE HARVEY	10/10/17	10/10/17	DHS-MGT	in.	an angement of pactors at — (pactors) and pactors permanent federal agency personnel (to exclude temporar) hires of the other DH's agency personnel (to exclude temporar) hires of the other DH's agency personnel to exclude temporary business will meet the supplementation sunderested the Style Mark Signater reaponess and reasonable Ast directed by and in coordination with Fight, Object well of Marketonian Directors and Associations of Style Marketonian Common Marketo	12/31/2017	05	FOS
246282	4332DRTXDHS-MGT1103	¥	HURRICANE HARVEY	11/01/17	11/01/17	DHS-MGT	v,	Federal agency bearones.—[pegesty] mapour byte manning rederal agency bearones. The tenton of the property of the property of the supplement to supplement the DHS agency and no confinement with FEMA's disaster response and recover efforts. Supplement the DHS and no confinement with FEMA's DHS-CAN lights S. CAN Liberties. Alexand will provide enemanent Federal	12/31/2017	\$75,000	FOS
236575 43:	236575 4332DRTXDHS-MGT1200	¥	HURRICANE HARVEY	08/26/17	08/26/17	DHS-MGT	'n	agency personnel (to exclude temporary hires of the other DHS agencies) willing to deploy for a field assignment to supplement	9/4/2017	\$84,840	FOS

FOS	FOS	fos	FOS	FOS	Š	3 8	Ď į	ĝ	FOS	FOS	FOS
0\$	\$141,400	(\$99,400)		\$14.140	5	; ;	\$367,640	(979,640)	0\$	\$28,280	(\$14,280)
12/31/2017	8/26/2017	8/26/2017	12/31/2017	9/4/2017	13/2/12/13		9/4/2017	/T07/5/6/	12/31/2017	9/4/2017	9/4/2017
As directed by and in coordination with FEMA, _DHS-Civil Rights & Civil Liberties (Agency) will provide permanent Federal agency personnel (to exclude temporary hires of the other DHS	projects) willing to daploy for field assignment to supplement DEF/FEMA; disaster reasones and receiver efforts. As directed by and in coordination with FEMA_DHS-Office of Anoty. (Agency) will provide permanent Federal agency personnel (to exclude temporary hires of the other DFS agencies)	willing to dealtoy for a field assignment to supplement DHAFEMAN, disaster reasons and response with As directed by and in coordinaten with FRIAL_DHACHice of Assigning the programment reasons all agency personnel (to exclude temporary hires of the other DHS agencies)	willing to deploy for a field assignment to supplement DHYERM's death or response and recepter by defined of directed by and in word intense the KMA_DH-Office of poline_Legenty in lipsoling personment referred agency personnel (to exclude temporary hires of the other DHS agencies)	willing to deploy for a field assignment to supplement DMS/FRMA signater reasone and response refut As directed by and in coordination with FRIAM, DMS-Office of allock refut in Septenty will proude permanent freetral agency personnell to acclude temporary hires of the other DMS agency	willing to deptoy for a feld assignment to supplement AptifyEMAS distance reasones and recoger of AptifyEMAS distance of a directed by and in coordination with FEMAL, Diffs.Office of adults of Aptify will provide permanent federal agenty controved from a positive of the other DNA association.	wiling to deploy for a field assignment to supplement Diffs Floxible state reasons and recover violation Afficient day and in coordination with FROX_DMS-Science and Technology Directorate (Agency) will provide permanent	declaria agency parsonnel to accided temporary hiers of the other D4S agencies) willing to deploy for a field assignment to accoment D4SE(SEAA's disastic receptors and receivery efforts. As disected by and in coordination with FRAA_D4SEONNES of the coordination with the coordination with the coordination of the coordination of the coordination with the coordination of the coordinatio	external agency staronnet to exclude temporary firsts of the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FEMA's disaster response and recovery efforts, and recent of and recovering to the DHS and recent of the provide permanent fechnology Directorate Agency will provide permanent	Federal agency personnel (to exclude temporary hines of the north DFA agencies) willing to depicy for a field assignment to sunoiement DFA/EMA's dissister response and recovery effort. Agencies that an occurration with FEMA, DFA office of tegistative Affairs (Agency) will provide permanent federal	agency personnel (to exclude temporary hirrs of the other DH5 sepreics) Milling to delpty of the field assignment to supplement DH5/EMA's disaster response and recoyer efforts. DH5/EMA's disaster response and recoyer efforts. DH5-Office of tegistore Affairs (Agency) will provide permanent it edetail	agency personnel (to exclude temporary hires of the other DHS agencies) willing to deploy for a field accidence to enrollment
vs	so	υη	s	vı	ı v	, .	v i	'n	v	κή	N,
DHS-MGT	DHS-MGT	DHS-MGT	DHS-MGT	DHS-MGT	TOWNSH		DW-SHO	DHY-MC	DHS-MGT	DHS-MGT	DHS-MGT
10/11/17	08/25/17	71/01/20	10/11/17	08/26/17	27717/01		08/26/1/	/T/91/F0	10/11/17	08/26/17	09/10/17
10/11/17	08/25/17	71/01/60	10/11/17	08/26/17	27/11/01		08/26/1/	/1/81/50	10/11/17	08/26/17	71/01/60
HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HIRRICANE HARVEV		HUKRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY
¥	\	¥	¥	ķ	<u> </u>	: }	<u>*</u> }	<u>×</u>	¥	¥	¥
4332DRTXDHS-MG7,201	236576 4332DRTXDHS-MGT1300	4332DRTXDHS-MGT1301	243202 4332DRTXDHS-NAGT1302	286577 4332DRTXDHS-MGT1400	4332DRTYDHC.MGT7401	CONTENT OF THE PROPERTY CONTENTS OF THE PROPER	433Zbki XDH3-Mdc 13500	433.CK1.XUR3-MIGI.1501.	243184 4332DRTXDH5-MGT1502	236578 4332DRTXDHS-MGT1600	4332DRTXDHS-MGT1601
243201	236576	238885	243202	236577	243203	003900	236283	738837	243184	236578	238892

24 3165 4332DRT	4332DRTXDHS-MGT1602	¥	HURRICANE HARVEY	10/11/17	10/11/17	DHS-MGT	w	As directed by and in coordination with FEMA_DHS-Office of Legislative Affairs_(Agency) will provide permanent Federal agency personnel (to ecolode temporary hires of the other DHS agencies) willing to deploy for a field assignment to supplement DMS(FEMA; sidasper resoonse and recovery office.)	12/31/2017	3,	SO.
236554 4332DRTXDHS-MGT1700	1700	¥	HURRICANE HARVEY	71/72/80	71/12/80	DHS-MGT	vs	Intelligence and Analysis (Alegency) will provide permanent Frederial agency personnel (to exclude temporary hires of the other DHS agencies) willing to deploy for a field assignment to supplement DHS Agencies Willing to deploy for a field assignment to supplement DHS Agencies Willing to deploy for a field assignment to supplement DHS Agencies (Alex Science Alex S	10/13/2017	\$565,600	f0s
238857 4332DRT	4332DRTXDHS-MGT1701	ř	HURRICANE HARVEY	71/91/50	71/91/50	DHS-MGT	vs	Intelligence and Analysis. (Agency) with travel. — On Journal or Intelligence and Analysis. (Agency) will provide permanent Federal agency personnel (to exclude temporary hires of the other DNS agency personnel (to exclude temporary hires of the such entry DNS/FEMA's disaster response and excepter efforts. Supplier Analysis and in coordination with FEMA. — DNS-Office of Intelligence and Analysis. (Analysis of the Constitution of the Analysis	10/13/2017	(\$495,600)	FOS
243182 4332DRT	4332DRTXDHS-MGT1702	¥	HURRICANE HARVEY	10/11/17	72/11/01	DHS-MGT	s	Rederal agency personnel (to exclude temporary intro of the other Personnel (to exclude temporary intro of the other PFA agency personnel (to exclude temporary intro of the other PFA agency personnel (to exclude temporary intro of the other PFA agency personnel to supplement the other PFA agency and incoordination with PERA, Office of the other personnel temporary intelligence & Andreick Wall provide personnel Pederal searory intelligence & Andreick Wall provide personnel Pederal searory.	12/31/2017	0\$	FOS
240198 4332DRTXDH5-MGT1800	1800	¥	HURRICANE HARVEY	71/71/60	09/17/17	DHS-MGT	N)	personnel (to exclude temporary lines of the other DH4 agencies) lining to deploy for a field assignment to supplement DH5/FEMA's disaster reasons and recovery efforts. The additional properties of the other DH4 agencies of the other DH4 agency and in coordination with FEMA.	10/24/2017	000'86\$	FOS
243163 4332DRT	4332DRTXDHS-MGT1801	¥	HURRICANE HARVEY	10/11/17	10/11/17	DHS-MGT	s	personnel (to exclude temporary hires of the other DHS agencies) willing to deblor for a field safforment to supplement DHS/FEMA disaster resoons and recover efforts. The Advantage of the Advan	12/31/2017	05	FOS
240376 4332DRTXDHS-MGT1900	1900	¥	HURRICANE HARVEY	09/18/17	09/18/17	DHS-MGT	vı	contractor background screening adjudication in support of thritinean Haven response fortists. Personnel and their DHS. Component Agency have been identified: DHS-MG. Add increde by and in coordination with F (ML. —DHS-OHA (Office of Hastit Affeis). (America) will provide parameter.	9/23/2017	\$45,000	FOS
236569 4332DRTXDHS-OHA0100	0100	¥	HURRICANE HARVEY	08/26/17	08/26/17	DHS-OHA	ın	I (to ex ng to d disast	10/13/2017	\$141,400	F05
243181 4932DRT	4932DRTXDHS-OHA0101	¥	HURRICANE HARVEY	10/11/17	10/11/17	DHS-OHA	in.	ing to d	12/31/2017	05	503
242580 4332DRTXDHSOIG0100	001	¥	HURRICANE HARVEY	10/11/17	10/16/17	DHSOIG	N	prepared the second and produced and produced against prepared (a second against prepared (a second against prepared (a second a	12/31/2017	\$70,000	FOS
236584 4332DRTXDHS-OPS0100	1100	¥	HURRICANE HARVEY	08/26/17	08/26/17	DHS-OPS	v	Federal agency personnel (to exclude temporary hires of the	9/4/2017	\$212,100	FOS

								As directed by and in coordination with LEMA,DHS-Office of			
243157	4332DRTXDHS-0PS0101	×	HURRICANE HARVEY	10/11/17	10/11/17	DHS-OPS	'n	Operations Coordination (Agency) will provide permanent Federal agency personnel (to exclude temporary hires of the	12/31/2017	0\$	FOS
								other DHS agencies) willing to deploy for a field assignment to			
								subtlement DHS/FEMA's disaster resoonse and recovery efforts. As directed by and in coordination with FEMA, Housing & Urban Davelorment HH ID) will provide a processar to MRCF			
236628 4	236628 4332DRTXDHUDG100	¥	HURRICANE HARVEY	08/27/17	71/12/80	DHUD	9	to support FEMA response operations	9/2/2017	\$10,000	5 S
								Funding for HUD command center(s), if authorized by FEMA, will			
								be provided under a separate MA. As directed by and in coordination with FEMA, Housing & Urban			
								Development (HUD) will provide appropriate personnel to NRCC			
236854	4332DRTXDHUD0101	¥	HURRICANE HARVEY	08/29/17	08/29/17	DHOD	w	to support FEMA response operations Funding for HUD command center(s), if authorized by FEMA, will	9/4/2017	8	FOS
								be orovided under a separate MA. As directed by and in coordination with FEMA, Housing & Urban			
								Development (HUD) will provide appropriate personnel to NRCC			
237067	4332DRTXDHUDQ102	¥	HURRICANE HARVEY	08/29/17	08/29/17	DHOD	9	to support FEMA response operations	9/11/2017	\$327,400	F0S
								funding for HUD command center(s), if authorized by FEMA, will			
								be provided under a separate MA. As directed by and in coordination with FEMA, Housing & Urban			
								Development (HUD) will provide appropriate personnel to NRCC			
237262	4332DRTXDHUD0103	¥	HURRICANE HARVEY	08/30/17	08/30/17	DHUD	9	to support FEMA response operations	12/31/2017	0\$	FOS
								Funding for HUD command center(s), if authorized by FEMA, will			
								be provided under a separate MA. As directed by and in coordination with FEMA. Housing & Urban			
								Development (HUD) will provide appropriate personnel to NRCC			
241350	4332DRTXDHUD0104	X	HURRICANE HARVEY	09/25/17	09/25/17	DHUD	9	to support FEMA response operations.	12/31/2017	\$400,000	FÖS
								Funding for HUD command center(s), if authorized by FEMA, will			
								be provided under a secarate MA. As directed by and in coordination with FFMA. Housing & Urban			
								Development (HUD) will provide appropriate personnel to NRCC			
550505	SOLUTIONAL	2	Advisory and Dissolution	10/04/17	54,40,04	2	ų	the common follows are provided appropriate pressures to make	Espel seles	6767 500	50
75075	COTOG CHOY LAGS CO.	₹	HORNICAINE HARVES	10,040,17	17/20/01	0000	5	to support rewind response operations Funding for HUD command center(s), if authorized by FEMA, will	17/37/707/	005,3875	2
								be provided under a separate MA. As directed by and in coordination with FEMA, Corporation for			
								National Community Service (CNCS) will provide appropriate			
236929 4	236929 4332DRTXDHUD0200	¥	HURRICANE HARVEY	08/29/17	08/29/17	DHND	9	personnel to FEMA operations in response to Hurricane Harvey	9/11/2017	\$200,000	Fos
								for support to: FEMA VAL coordination, volunteer and donations			
								management information collection, VOAD coordination. As directed by and in coordination with FEMA, Corporation for			
								National Community Service (CNCS) will provide appropriate			
237700	4332DRTXDHUD0201	¥	HURRICANE HARVEY	09/02/17	71/20/60	DHUD	v	personnel to FEMA operations in response to Hurricane Harvey	9/11/2017	(\$200,000)	FOS
								for support to: FEMA VAL coordination, volunteer and donations			
								management information collection. VOAD coordination. As directed by and in coordination with FEMA. HUD will provide			
								subject matter experts to support the functions of ESF #15 by			
237465 4	237465 4332DRTXDHUD0300	¥	HURRICANE HARVEY	09/01/17	71/10/60	DHILD	15	providing technical advice on the mission assigned activities of	9/29/2017	\$10,000	£03
								their agency. The staff deployed must be able to speak publicity			
								on behalf of their agency. As directed by and in coordination with FEMA, HUD will provide			
								subject matter experts to support the functions of ESF #15 by			
242461	4332DRTXDHUD0301	¥	HURRICANE HARVEY	09/30/17	09/30/17	DHUD	15	providing technical advice on the mission assigned activities of	10/7/2017	\$5,000	FÖS
								their agency. The staff deployed must be able to speak publicly			

pervalual rate deposit to support the functions of ES #15 by providing exhancial advice on the mission assigned activities of 12/31/2017 \$50,000 FDS their agency. The staff deployed must be able to speak publicly the abend of their application. The staff deployed must be able to speak publicly Adviced by and in coordination with FEMA, HUD will provide Adviced by and in coordination with FEMA, HUD will provide	subject matter expect to support the functions of ESF #15. 9/30/2017 \$10,000 FOS All nurchases and expenditures must be conclinated with FFVA.	Ploy approach in Capital Control of Control	(NDRb), activation of the Housing RST to provide federal and order of the Housing RST to provide federal coordination with the appropriate Recovery Support Function (Part of the Coordination with the appropriate Recovery Support Function (Part of the Atlant of the Coordination as well as 1950 for the Coordination as 1950 for the Coordination as well as 1950 for the Coordination as	Accordance with the hatton's Loscovity refinework 11/6/2017 \$9,100 FDS Coordination with the appropriate Recovery Support Function Coordination with the appropriate Recovery Support Function FDS Coordination with the appropriate Recovery Support Function FDS Coordinates Authority Support Recovery Support Support Function FDS Coordinates Authority Support Support Function FDS Coordinates Authority Support Support Function Sav Well as FDS Coordinates Authority Support	in accordance with the National Disaster Recovery framework (NDRR), activation in the Housing BST to provide federal coordination with the appropriate Recovery Support Function should be proportionally account accordinate with the appropriate Recovery Support Function As directed by and in coordination with FERAL DIA will provide	and deliver leased generators of various capacities to the incident Support Bells (ISB)/Federal Staging Area [EA.) or point of need in 10/13/2017 \$2,500,000 FOS support of FIMA repoints operations, As directed by FIMA, DuA support of FIMA repoints operations, As directed by FIMA, DuA support of FIMA repoints operations, As directed by FIMA, DuA As requested by the Start/Ferror/Trible and no conditional	distribute feet to bugstics Agency (LoL) will provide and/or distribute feet to the morders Support Base (SB) or other Points 9/4/2017 \$1,200,000 FOS of Distribution in support of Hurrainer Harvey response of Distribution in support of Hurrainer Harvey response Assertances. This may richtige aroviding World and soll Generation has a support of Assert/Perichy/Tritine and in coordination.	with FEMA. Defense Logistics Agency (DLA) will provide and/or distribute fuel to the incident Support Best (195) or other Points 9/4/2017 \$10,000,000 FOS distribute fuel to the incident Support Best (195) or other Points of Distribution in support of Hurrisone Harvey response or of Distribution is apported than the and stall prevention on a sequence by the State Periodical Lead and in coordination has dequasted by the State Periodical Lead and in coordination with FEMA Defense Institute Confidence and in coordination and the State Periodical State Periodical and Adv.	distribute fuel cogistal, serial (1904) or other founts (1918/2017) \$20,000,000 FOS admittable fuel to the incident Support Base (1918) or other founts (1918/2017) \$20,000,000 FOS cognitivation in support flat survey response constitution in subsport of Murindam Hanvey response constitution (1918) may include constitution (1918) and in coordination and incoordination and incoordination and incoordination and incoordination and include and incoordination with FMAA Defense Institution/Files (1918/2017) will incordinate and incoordination and include and i	distribution in support of Hurricane Harvey response
r agency. The staff deployed must be able pehalf of their agency. Srected by and in coordination with FEMA	ject matter expert to support the functions ourchases and expenditures must be coord	To a page and expendition as make the country of the page and specified and the page a	ccordance with the National Disaster Reco RF), activation of the Housing RSF to provi ardination with the appropriate Recovery Si i primary and support acendics and orean sks and Deliverables Attached*	coordance with the National Disaster Reco RFI), activation of the Housing RSF to provi- ridination with the appropriate Recovery SI I) primary and support agencies and orean kts and Deliwerables Attached*	ccordance with the National Disaster Reco RF), activation of the Housing RSF to provi- rdination with the appropriate Recovery Si I primery and support agencies and organ lifected by and in coordination with Ffekd.	deliver leased generators of various capac port Base (188)/Federal Staging Area (FSA) port of Fehra response operations. As dire activate leased senerator contracts and a equested by the State/Territory/Tribe and equested by the State/Territory/Tribe and	r FEMA, Defense Logistics Agency (DLA) will ribute fuel to the Incident Support Base (IS isstribution in support of Hurricane Harvey rations. This may include providine fuel an equested by the State/Territory/Tribe and	n FEMA. Defense Logistics Agency (DLA) will inhule fuel to the Incident Support Base (IS sixtibution in support of Hurricane Harvey stations. This may include or oviding fulls an applicated by the State (Pretrioty/The and equested by the State (Pretrioty/The and STAM). Defense I restrict Agency (DLA) will be and	Trunkin, Leutense Logania, Agency (Josef with Uterland Language) Istribute fuel to the Truncaport Base (IStribute in supper not during the Paree (IStribute) rations. This may include encoding fuel an equested by the State (Partitory/) This be and STAM. Defense Incitting Assert (It & Daille STAM.	ribute fuel to the Incident Support Base (IS
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	71/10/60	09/02/17	09/12/17	71/05/60	10/03/17	08/26/17	08/26/17	08/26/17	08/31/17	09/16/17
	09/01/17	09/02/17	09/12/17	09/30/17	10/03/17	08/26/17	08/25/17	08/26/17	08/31/17	09/16/17
	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY
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4332DRTXDHUD0302	237478 4332DRTXDHUD0400	237648 43320RTXDHUDOSOO	43320RTXDHUD0501	4332DRTXDHUD0S02	43320RTXDHUDOS03	236573 43320RTXDLA0100	236591 4332DRTXDLA0200	4332DRTXDLA0201	4332DRTXDLA0202	4332DRTXDLA0203
246938	237478	237648	239284	242331	242692	236573	236591	236660	237325	239803

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\$125,000,000	aş	(\$75,000,000)	\$75,000,000	\$106,375	000'000'\$\$	\$0	\$45,000	0\$	\$129,450	\$22,275
11/29/2017	11/29/2017	11/29/2017	11/29/2017	8/30/2017	8/30/2017	9/26/2017	9/30/2017	9/12/2017	9/30/2017	11/6/2017
As directed by and in coordination with FEMA, Defense Logistics Agency (DA), will provide meals in support of Texas and T5 Harvey response operations.	DLA is responsible for providing personnel and/or equipment Ad directed by and in coordination with FEMs. Defense Logistics Agency (IoLA) will provide mais in support of Texas and TS Harvey response operations.	D.A. is restorable for providing personnel and/or equipment and directed by and in coordination with E.N.A. Defense Logistics Agency (Lod, will provide masis in support of Texas and TS Harvey response operations.	DLA is resonsible for providing personnel and/or equipment and directed by an in coordination with FRNA. Defense Logistics Agency (DLA) will provide meals in support of Texas and TS Haivey response operations.	DLA is responsible for providing personnel and/or equipment Provide 575 Personnel Flotation devices for Texas Disaster Survivors one size fits all a 5,385.00. Deliver to Law Enforcement Base Camp at NRG Reliant Complex.	As directed by and in coordination with FENA, Defenze Logistics Agency (DLA) will deploy a Distribution Expeditionary Package(s) for nichen's Logistics (ACM will provide the capability to operate FEMA's Incident Support Base DLA Distribution.	Exceditionary has the ability to provide personnel, equipment Agray definered by and in coordination with EMAL, Delense Loggistis Agard, (DLA) will deploy a Distribution Expeditionary Packagel) to incident Support Base(s). DLA will provide the capability to provident Support Base(s). DLA will provide the capability to begatable EMA, sincident Support Base LA, Oststhutton Exventionary has the avillar to remark accountal anniment.	As requested by the State/Territory/Tribe and in coolination with FRAM, persent supprises Agency (LDA, Will provide and/or distribute fuel to the indicent Support Base (ISS) or other Points of Distribution in support of Hurricane Harvey response	Operations. This may include to rooting the soft and statistic entrol As requested by the Statistic Agency (DLA) will provide and/or with FENA, Defense Logistic Agency (DLA) will provide and/or distribute their to the Incident Support Base (ISB) or other Points of Distribution in support of Hurricane Hurrey response appenditions. This may include groupding fuel and still prevention	In accordance with the National Disaster Recovery Framework (NDRF), activation of the Economic RSF to provide federal coordination with the appropriate Recovery Support Function (RSF) or firms and support reservices and organizations as well as	Tasks and Deliverables Affached* In accordance with the National Disaster Recovery Framework (NDRF), activation of the Economic RSF to provide federal
7	^	۲	۲	^	٢	^	,	٢	RSF	RSF
DLA	DLA	ব্য	ą	DLA	집	5	DIA	5	500	500
08/30/17	08/31/17	09/20/17	71/60/01	08/30/17	08/30/17	71/10/60	09/03/17	09/16/17	71/20/60	71/21/60
08/30/17	08/31/17	09/20/17	10/09/17	71/08/30/17	08/30/17	71/10/60	09/03/17	09/16/17	71/20/60	71/21/60
HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE MARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY
Ĕ	¥	¥	¥	¥	¥	¥	¥	Χt	¥	¥
237133 4932DRTXDLA0300	4332DRTXDLA0301	4332BRTXDLA0302	4332DRTXDLA0303	237136 4332DRTXDLAD4DD	237282 4332DRTXDLAGS00	43320RTXDLA0501	237807 4332DRTXDLA0700	4332DRTXDLA0701	237642 4332DRTXDOCD100	4332DRTXBOC0101
237133	237346	239554	243283	237136	237282	237439	237807	239953	237642	239278

							Tasks and Deliverables Attached In accordance with the National Disaster Recovery Framework			
4332DRTXDOC0102	¥	HURRICANE HARVEY	71/71/01	10/17/17	DOG	RSF	(MDRF), activation of the Economic RSF to provide federal coordination with the appropriate Recovery Support Function	1/12/2018	\$648,200	FOS
237729 4332DRTXDOC0200	¥	HURRICANE HARVEY	09/03/17	09/03/17	DOC	RSF	(RSF) orimay and suoport agencies and oreanizations, as well as Az directed by and in coolinious with RSEA DOW will provide public affinity, buber matter experts to support the functions of ESF #15. The staff deployed must be able to speak publicity on behalf of their agency.	9/30/2017	\$10,000	FOS
236605 4332DRTXDOD0200	¥	HURRICANE HARVEY	08/26/17	08/26/17	рор	non-specific ESF	as directed by and in coordination with FIRMA DOD will provide a Defense coordinating Officer with supporting staff element (DCO/PCI) or the RRICC Region 6, Joint Field Office, or another location, to provide Dob Prepairal knowledges, requirements wildshon, and Laison. Hetuloffice as necessary StrateEmeents	9/31/2037	\$50,000	FOS
4332DRTXDGD0201	X	HURRICANE HARVEY	71/10/60	71/10/60	000	non-specific ESF	detected by and in coordination with FRMA bob will provide a Defense Coordinating force with supporting staff element (DCO/DCE) to the RECC Region 6, Joint Field Office, or another classificing the Machine Staff Coordination and the Staff Coordination and the Staff Coordination and tales of the Staff Coordination and tales on the Staff Coordination and tales or presented the Staff Coordi	9/11/2017	\$100,000	FOS
4332DRTXDOD0202	ţ	HURRICANE HARVEY	09/08/17	09/08/17	DOD	non-specific ESF	As directed by and in conclination with FENA, DOD will provide a Defense Contradrating Officer with supporting staff element (DCO/PCE) to the RRCC Region 6, Joint Feld Office, it another incidence, in ground by Dougland knowledge, requirements wildshorn, and Laiston, including as necessary StrateEmeents	9/11/2017	\$500,000	FOS
4332DRTXDOD0203	Ĕ	HURRICANE HARVEY	09/12/17	09/12/17	000	non-specific ESF	detected by and in coordination with FRMA, DoD will provide a Defense Coordinating Officer with supporting staff element IDCO/DCE to the RECC Region 6, Joint Field Office, or another leadering, proporting the Supporting Staff element and Company of the Supporting Staff element of DoT regions of the Supporting Staff elements and the Supporting Staff elements will element the Supporting Staff elements and Institute of the Supporting Staff elements.	9/30/2017	O\$	FOS
236622 4332DRTXDOD0300	Ĕ	HURRIGANE HARVEY	08/26/17	08/26/17	gog	ø	Arequested by and in coordination with FEMA and Texas Malitary forces, the DOO will provide Malitary forces, the DOO will provide Required capability is to provide transportation ISO DOD Required capability is to provide transportation ISO DOD Advincturing Catteral reservate destrate	9/11/2017	\$1,030,000	SO
43320RTXDOD0301	¥	HURRICANE HARVEY	71/80/60	71/80/50	000	ø	Military forces, the DoD will provide Military forces, the DoD will provide Required capability is to provide transportation ISO DoD Advinetty (WG Expedience)	9/11/2017	(\$200,000)	FO.
236632 4332DKTXDOD0400	¥	HURRICANE HARVEY	08/27/17	08/27/17	gog	7	sor enector og gard in too omning men og	9/11/2017	\$145,200	FOS
4332DRTXDOD0401	¥	HURRICANE HARVEY	08/29/17	08/29/17	gog	۲	ESF 3; DoD will provide ISB/FSA support forward distribution of supplied sequepment to affected area. Support will generally be intered to hardstand vehicle staging areas, parking example intered to hardstand vehicle staging areas, parking example edul provered storage, Ari ISB/FSA byte definition well.	10/31/2017	\$25,000	SO
4332DRTXDOD0402	¥	HURRICANE HARVEY	09/04/17	09/04/17	900	7	as unceted by and in ocontainmont with the business metals, and support forward distribution of supplies/equipment to affected area, support will generally be limited to hardstand vehicle staging areas, parking areas.	11/1/2017	\$510,000	FOS

4332DRTXDOD0403 TX	HURRICANE HARVEY	09/14/17	09/14/17	aoq		As directed by and in coordination with FEMA, Denton MERS, and ESF 3; DoD will provide ISB/FSA support forward distribution of supplies/equipment to affected area. Support, will generally be limited to hardstand while staging area, parking areas, covered/uncovered storage. An ISB/FSA by definition will	11/1/2017	\$500,000	FOS
TX HURRICANE HARVEY	HARVEY	10/09/17	10/09/17	DOD	,	ad driested by and in postulations with Fulk, benton Missa, and ES 3; Dob will provide 1861/54 support forward distribution of supplies/equipment to affected area. Support will generally be infinited to hardstand while staging areas, parting areas, covered-uncovered storage. An 1881/54, by definition will a	11/1/2017	\$540,000	FOS
TX HURRICANE HARVEY	IRVEY	11/01/17	11/01/17	DOD	۲	defreesed by and in coordination with FEMS, but of RES, and ESS 3. DO Will provide 1851.FSA support forward distribution of supplies/requirement to affected area. Support will generally be infinited to hardstand vehicle staging area, painting areas, conversifying versa, suppressed, included to consegue and 1851.FSA but definition will.	12/1/2017	80	FOS
TX HURRICANE HARVEY	:VEY	08/27/17	08/27/17	goa	15	From a 2s #1. Sequence boll cuts bestones and edupment to assist with delivery of FRNA originated energency messages to the areas affected by Hurritane Harvey. The CAIS element must include the capabilities needed to perform the following tasks:	9/27/2017	\$120,000	F05
TX HURRICANE HARVEY	Æ	08/29/17	08/29/17	gog	15	FEMA ESF #15 requires DoD CAIS personnel and equipment to assist with oldergrow FIEMA outplanted emergency messages to the areas affected by Hurricane Harvey. The CAIS element must include the capabilities needed to perform the following tasks:	9/27/2017	\$60,000	F0S
TX HURRICANE HARVEY	≿	08/28/17	08/28/17	000	۲	As directed by and in coordination with FEMA, Dept of Defense (DOD) will provide transportation of personnel (non-medical patients) and/or cargo, in support of FEMA response operations.	9/27/2017	\$2,000,000	FOS
TX HURRICANE HARVEY	>	11/60/50	09/09/17	gog	7	DOD is responsible for aroyiding bessonnel and/or equipment and directed by a bard in conditions, with FEMS, begar of befrase (DOD) will provide transportation of personnel (non-medical patients) and/or cargo, in support of FEMA response operations.	9/27/2017	\$2,000,000	FOS
TX HURRICANE HARVEY		08/28/17	08/28/17	goq	7	DOD is restonaishe for providine personnel and/or equioment in coordination with the Federal Emergency Management Agency (Falka), the Department of Defense (Doo) with provide medium and heavy fift obsay wing aircraft, ground transportation to include but not limited to high profile water vehicles and	9/8/2017	\$10,000,000	FOS
TX HURRICANE HARVEY	_	08/29/17	08/29/17	gog	7	anomorates transcript agregated to move great and anomorate agency (FRAs), the Department of Defense (Do) Will provide medium and heavy fit to tary wing aircaft, ground transportation to include but not include but not their but on high profile waser whites and	9/8/2017	\$0	FOS
TX HURRICANE HARVEY	>	09/04/17	09/04/17	QQQ	,	sopropiate superfine graphen for nowe despond. In coordination with the federal frantgener y Management Agency (FEMA), the Department of Defense (Dob) will provide medium of the and the any first other years greatly ground transportation to include but not limited to high profite water vehicles and	7107/11/6	\$275,625	FOS
TX HURRICANE HARVEY		08/29/17	08/29/17	gog	σι	and opporate associate descend to move desconnel. As directed by and in coordination with FRMA - £59.5 DOB will As directed by and employ initially; GAUS havy MH50s with flight crews and swimmers; 3MASAF HH60s with flight crews and by support, and 3kCL3 DSAR support aircaft and additional air assets and	9/6/2017	\$15,474,115	DFA

DFA	DFA	DFA	DFA	DFA	DFA	FOS	Pos	Pos	Pos	DFA
\$0	(98,000,000)	\$159,000,000	\$12,762	\$	(\$83,000,000)	\$1,485,138	\$10,529,703	\$14,039,606	(\$14,000,000)	\$10,000,000
9/6/2017	9/6/2017	9/11/2017	9/30/2017	9/30/2017	9/5/2017	9/11/2017	9/11/2017	9/11/2017	9/11/2017	9/30/2017
As directed by and in coordination with FEMA- ESF9, DoD will deploy and employ initially, Sou's Navy MH60s, with flight crews and swimmers, 34USAE HH60s with flight crews and Ps support, and any 34USAE HH60s with flight crews and and and additional air secera and and additional air secera and	support resources as identified and in coordination with FBMA dependent and in coordination with FBMA depity and employ infinity. Sults Navy MetGo with fight crews and swimmes, 3 AUSAF HEGG with fight crews and 19 support and actional and actional are seen and action of a support aircreft and additional air assets and succorr resources, and in coordination with FBMA, support seconds and in coordination with FBMA.	sequesce of what no coordination with relativistic provide medium and heavy lift rotativistic ground transportation vehicles to include but not limited to high water off road vehicle, to cransport personnel, commodities, equipment, survivois, lugasee and persi info/out of imposted areas to support enemal	Acquested by and in coordination with ERMA Dob will provide medium and heavy lift rotary wing aircraft, ground transportation vehicles to include but not limited to high water off road vehicle, to transport personnel, commondities, equipment, survivors, lurance and certs inclodur of impacted areas to succort emeral.	As requested by and in coordination with ERAA, Dob will provide medium and heavy ills rotary wing alreats, ground transportation verbides to include but not limited to light water of frast deshifes, to transport personnel, commonletts, equipment, survivors, limited and met include of incorrected survivors.	Acrequested by and in coordination with FDAA, DOD will provide mention and heavy life roater, and aircaff, good under perspectation welfields to include but not limited to light water off road exhibit, to transport personel, commodities, equipment, survivors, to transport personel, commodities, equipment, survivors,	As requested by and in coordination with FEMA and HAS, DOD Will activate, pre-position, and configure appropriate personnel and equipment/supplies in order to be prepared to provide NDMS patient movement when requested. These resources will personate at the Aggregation of 12 Transportation Command in pre-parameters the sudjection of 12 Transportation Command in	will activate, pre-position, and configure appropriate personnel and equipment/supplies in order to be prespect to provide and equipment/supplies in order to be prespect to provide MMS patient movement when requested. These resources will one-state at ithe discretion of U.S. Transcortation Command in	As requested by and in coordination with EfMA and Department of Nealth and Human Services (HetS) for ESHB, Doo will position and configure appropriate personnel and equipment in order to conduct PM operations to move maximum of 560 patients per AM, D. Fransportation Command resultage abstensity from to As requested by and in coordination with EMA and Department.	of Health and Human Services (HHS) for ESSES, Dob will position and configure appropriate personnel and equipment in order to conduct NM operations to move maximum of 500 parlents per day — U.S. Transcription Command requisited subjects (per day requested by wind in coordination with FEMA and HHS, Dob	will provide MFT services to produce needic in teatment to Hurricane Harvey disaster victims in San Amorino, 17 and/or other locations in Tenas, as necessary. Patient acuity/patient canegory projection is all levels of care. The City where the MTFs are set up
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gog	gog	god	gog	gog	000	000	gog	QOQ	gog	gog
09/03/17	09/30/17	71/52/80	09/02/17	09/03/17	71/05/60	08/29/17	08/30/17	08/30/17	71/05/30	08/30/17
09/03/17	09/30/17	08/29/17	71/20/60	09/03/17	09/30/17	08/29/17	08/30/17	71/08/30	09/30/17	08/30/17
HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY
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4332DRTXDGD1501	4332PRTXDOD1502	236935 4332DRTXDOD1600	4332DRTXDOD1601	4332DRTXDOD1602	4332RTXDOD1603	236968 4332DRTXDCD1700	4332BRTXDOD1701	237178 4332DRTXDOD2100	43326RTXDOD2101	237155 4332DRTXDOD2200
237738	238182	236935 43	237627	237717	238155	236968 45	237278	237178 43	238261	237155 45

DFA	OFA	DFA	OFA	DFA	FOS	Fos	DFA	OFA	FOS	FOS
ů,	8	(000'000'6\$)	\$300,000	0\$	\$250,000	0\$	\$2,000,000	\$0	\$1,000	000'6\$
9/30/2017	9/30/2017	9/30/2017	9/11/2017	9/11/2017	11/30/2017	11/30/2017	9/8/2017	9/8/2017	9/9/2017	9/9/2017
will provide MTF services to provide moderal treatment to Hurricane Harvey disaster victims in San Antonio, TX and/or other locations in Teas, as necessary Patenta auditypatent artegory coolection is all levels of care. The Chrywphre the MTFs are set to A. requested by and in coordination with FEMA and HHS, DoD.	will provide MIC services to provide medical restation for the Hurricane Harvey disaster victims in San Antonio, TX and/or other concitorior in Tessas, as necessary. Spetims result/partiest category concitorios all levels of care. The City where the MITS services to concitorios all levels of care. The City where the MITS residuo. The countries of the City where the MITS and the City where the MITS and and the City and mill required MITS.	imposaries na service so quoto en hacia resealment o Hurricane Harvey disaster victions in San Antonio, TX and/or other concisions in Tessa, as necessary abelies na euflypatient rasegory protection and levels of cure. The Cive Wapper the MTS acr settl protection and the San din recondition with Effect. October in a sequented by and in coordination with Effect. October of permai jumpse rescue hosts and crews able to carry fine or	more people in slow moving water conditions to rescue and transport stranded personnel or move commodiles, equipment, survivors, largase and degr. As requested by and in coordination with FRMA, both will provide more all natures asserted behavior and reasonal shield no carry faus pro	more people in slow motivation described in the first of more people in slow motivation where conditions to rescue and transport strandard personnel or move commodities, equipment, survivors luegate and ord. survivors luegate and ord. survivors luegate and ord. survivors and in coordination with FRM, perton MRR's, and other rises not will noneighe from the survivors and the coordinate of the survivors and the survivors	capabilities as an RSA to support Harvey crastrophic response. Support will generally be influent to shadston while staging areas, canting areas and coordination with FRM, but and created by and in coordination with FRM, but on the RSs, and other FSS; DOD will provide DOD facilities within identified and other FSS; DOD will provide DOD facilities within identified.	capabilities as an RSA to support Harvey catastrophic response. Support will gester early the limited to hardstands wholie staging areas, and the accordance of the contracter and a directed by and in coordination with Fight. Dept of Defense (DOD) will provide transportation of personnel (non-medical	patients) and/or cargo, in coordination with FEMA and in support of the State of Texas. As directed by and in coordination with FEMA. Dent of Instance	(DOI) will provide transportation of personnel (nor-medical parkents) and/or cargo, in coordination with FEMA, and in support of the State of Texas.	As directed by and in coordination with FEMA, DOD provide writer/editors to support the functions of ESF #15, External Affairs, in support of FEMA response operations.	All purchase, and exempditures printle proordinated with FEMA. Ad directed by and in coordination with FEMA, DOD prouvele-writer/feditors to support the functions of ESF #13. Exemal Affairs, in support of FEMA response operations.
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09/02/17	09/03/17	09/30/17	08/31/17	09/03/17	08/31/17	09/01/17	09/01/17	09/03/17	09/02/17	09/03/17
09/02/17	09/03/17	09/30/17	08/31/17	71/50/60	08/31/17	09/01/17	09/01/17	09/03/17	71/20/60	09/03/17
HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY
Ĕ	¥	¥	¥	¥	¥	¥	ř	¥	¥	¥
4332DRTXDOD2201	4332DRTXDOD2202	43320HTXDCD2203	237322	4332DRTXDOD2301	237312 4332PRTXDOD2400	4332DRTXDOD2401	237450 4332DRTXDOD2500	4332DRTXDOD2561	237562 4332DRTXDOD2700	433ZDRTXBOD2701
237542	237715	238199	237322	237714	237312 4	237449	237450 ,	237725	237562 4	237734

irchases and expenditures must be coordinated with FEMA.

FOS	FOS	FO5	F05	FOS	F0S	DFA	DFA	FOS	FOS	FOS
\$40,000	\$40,000	\$10,000,000	(000'005'6\$)	\$10,000	\$25,000	\$5,000,000	(\$1,000,000)	\$5,000	\$10,000	\$20,000
9/21/2017	10/6/2017	9/8/2017	9/11/2017	9/15/2017	9/19/2017	9/22/2017	9/22/2017	9/25/2017	9/4/2017	9/11/2017
writer/editors to support the functions of ESF #15, External Affairs, in support of FEMA response operations.	All outhage and expenditure must be concluded with FEMA. As directed by that in conditions with FEMA. As directed by that in conditions with FEMA (DD) provide writer/fediors to support the functions of ESF 415, External Affairs, in support of FEMA response operations.	All suchasses despenditues must be coordinated with FDAA. The Statement of work for this effort is divided into two parts. Aerial Imagen, and Artoone Command and Control Part 1 – AERIAL IMAGERY.	Vow, As requested by and in coordination with FEMA and flist Tow. As represented to work for this effort is divided into two parts: Aerial Imagery, and Althorne Command and Control.	Solve, As required by and in coordination with FBMA and list. Solvedeeb by and in coordination with FBMA, bOD will provide a biblisher markers to support the functions of EFS #15 by providing technical advice on the mission assigned activities of their agency. The staff deployed must be able to speak publicly.	A different by ward and additionation with FINA, Department of a different by ward and additionation with FINA, Department of Defense (FON) will provide remote sensing/LAC collection management analysts to assist with the tracking and awareness of imagery othered in support of Disaster Reports incident. Awareness and Assessment operations, Specifically, these	in coordination with the Edecal Immegency Management Ageincy (FEMA) and HKI, the Department of Defense (DoE) will provide aerial spraw vector control support to the impacted counties in Eastern Teasa (estimated 15 counties) Department of State with waith garviets (DSPS) propekt copor	(FEMA) and HMS, the Department of Defense (bOD) will provide aerial spray vector control support to the imparted counties in Eastern Tease (estimated 15 counties). Designment of State I shall be Services (DSHS) nonject coordinately will coordinate for juil Halth Services (DSHS) nonject coordinately will coordinate for juil	As directed by and in coordination with Fish, DDU will provide appropriate personnel to support the Federal Search and Rescue Coordination Group (FSARCG), providing planning and coordination statistantes to ESF. Search and Rescue at College Carlor. If Y (RPCF, INAT) II (FI) to when environment and families in	As directed by and in coordination with FEMA, Dept of Energy (DOE) will provide appropriate personnel to NRCC to support FEMA response operations	eurlair to DOE command centerist, if authorized by ESAA will As alrested by and in coordination with EBMA. Dept of Energy (DOE) will provide appropriate personnel to NRCE to support FEMA response operations
15	15	'n	vn	15	νn	2 5	œ	6	12	12
909	909	goq	000	QOQ	Qoq	gog	900	god	DOE	DOE
09/08/17	11/60/60	09/02/17	71/08/60	09/03/17	09/03/17	09/05/17	09/28/17	09/20/17	08/26/17	08/29/17
09/08/17	11/60/60	09/02/17	09/30/17	09/03/17	09/03/17	09/05/17	09/28/17	09/20/17	08/26/17	71/62/80
HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY
¥	¥	¥	¥	¥	¥	¥	¥	¥	¥	¥
4332DRTXDQD2702	4332BRTXDOD2703	237645 4332DRTXDOD2800	4332DRTXDOD2801	237654 4332bRTXBOD53000	237672 4332DRTXDOD3100	237924 4332DRTXDOD3200	4332DRTXDOD3201	240660 4332DRTXDO03400	236586 4332DRTXDOE010G	4332DRTXDOE0101
238550	238768	237645 43	239263	237654 43	237672 43	237924 45	241268	240660 43	236586 43	237033

As directed by and in coordination with FEMA, DOD provide

Funding for DOE command center(s), if authorized by FEMA, will

236557 4332	236557 4332DRTXDOE0200	¥	HURRICANE HARVEY	08/26/17	08/26/17	DOE	12	As directed by and in coordination with FEMA, Dept of Energy (EOE) will provide appropriate to Support personnel to RRCC, JRO, 105, or other to support FEMA response operations.	9/11/2017	\$40,000	FOS
237295	4332DRTXDOE0201	¥	HURRICANE HARVEY	08/31/17	08/31/17	DOE	12	As directed by and in coordination with FEMA, Dept of Energy (DOE), will produce appropriate personnel to RECL, PSO, Die or other to support FEMA response operations.	9/30/2017	\$60,000	FOS
239159	4332DRTXDOED202	¥	HURRICANE HARVEY	09/11/17	71/11/60	DOE	21	As directed by and in coordination with FEMA, Dept of Energy (DOE) will produce appropriate personnel to RECL, IRO, Die or other to support FEMA response operations.	10/31/2017	\$60,000	FOS
237456 4332	237456 4332DRTXDOEG300	¥	HURRICANE HARVEY	09/01/17	09/01/17	00E	21	As directed by and in coordination with FEMA, DOE will provide subject matter experts to support the functions of ESF #13. by providing technical advice on the mission assigned activities of their agency. The sted depined must be able to speak publicly on behalf of their agency.	9/30/2017	\$10,000	FOS
236572 4332	236572 4332DRTXDOI0200	¥	HURRICANE HARVEY	08/26/17	08/26/17	Ю	Ŋ	Order as THSP with a special need for UAS Remote Pilots, Govt Transpo, laptop, cell, and Small UAS (3DR Solo) systems.	9/8/2017	\$50,000	FOS
240943	4332DRTXDOI0201	¥	HURRICANE HARVEY	71/52/60	09/25/17	Ō	vı	Order as THSP with a special need for UAS Remote Pilots, Govt Transpo, Japtoo, cell, and Small UAS (3DR Solo) systems.	9/21/2017	\$30,000	FOS
236778 4332	236778 4332bt7XDol0300	¥	HURRICANE HARVEY	08/28/17	08/28/17	ō	v n	Activate Department of the Interior (DOI) to the FEMA National Response Coordination Center to perform duties of DOI Liaison to the FEMA NRCC in support of ESF 45 information and planning. Your agency must validate the uniquidated MA balance at least annualia as stindared due FEMA to maintain embatroshis.	9/4/2017	\$10,000	FOS
237805	4332DRTXDOID301	¥	HURRICANE HARVEY	09/03/17	09/03/17	8	'n	Activate Department of the Intervent (2010) to the IEDA A National Response Conditionation Center to perform duties of DOI Liaison to the IEDA NINCE in support of ES F6 information and planning. Your agenty must validate the unfillipated Not balance at least annual as serior dated by EDAA in maintain animh trothic as annual as serior dated by EDAA in maintain animh trothic.	9/4/2017	\$45,000	FOS
236781 4332	236781 4332DATXDOI0400	¥	HURRICANE HARVEY	08/28/17	08/28/17	Θ	non-specific ESF	As directed by adding control of the part	7,207/2017	\$10,000	FOS
236898	4332DRTXDOI0401	¥	HURRICANE HARVEY	08/28/17	08/28/17	100	non-specific ESF	interior (DOI) will provide appropriate personnel in support of FEMA operations in response or Tropical Cyclone Harvey. The personnel or command center of the personnel in support of Femaling for DOI command center of the personnel or be grounded, unlerg a scenarie MA.	9/9/2017	\$	FOS
236785 4332	236785 4332DRTXDOI0500	¥	HURRICANE HARVEY	08/28/17	08/28/17	DOI	co.	As directed to yard in coordination with FRMA, Department of interior (DOI) will provide appropriate personnel to support the Federal Search and Rescue Coordination Group (SAMCO), providing planning and coordination assistance to ESF-9 Search and Rescue at Collece Station area (RRCC Your assency must	9/4/2017	\$10,000	FOS

FOS	DFA	DFA	fos	ZQ.	FOS	FOS	FOS	FOS	Fos	SŌ.
\$500,000	\$750,000	oş.	\$55,910	\$52,790	\$110,000	\$10,000	\$3,000	\$55,000	\$30,000	\$
9/11/2017	9/12/2017	9/12/2017	9/30/2017	11/6/2017	12/31/2017	9/30/2017	9/30/2017	9/11/2017	9/11/2017	9/11/2017
As directed by and in coordination with FBMA, Customs and Border Protection (CBP), United States Coast Guard (USCG), Department of Interior (DD) - in coordination with National Park Service (NPS) - and United States, Deaartment of Agriculture, (USQA), and other additional park Service (NPS), and other additional park Service (NPS), and other facilities (USQA), and other agencies as directed will provide interior (DD), and other agencies as directed will provide	assistance to FEMA search and rescue, in support of FEMA rescues in support of FEMA response operations. Each agreew will provide motoritised boasts/escales and personnel as required by ESF8 and FEMA Ad directed by an in coordination with FEMA Department of the control by an in coordination with FEMA Department of the control by an in coordination with FEMA Department of the control by an in coordination with FEMA Department of the control by an incoordination with FEMA Department of the control by an incoordination with FEMA Department of the control by an incoordination with FEMA Department of the control by an incoordination with FEMA Department of the control by the co	mentor (Lovo), and the control of th	is accordance with the available based recovery framework (IVBR), activation of the Natural and Cultural Resources 65 for provide federal coordination with the appropriate Recovery Support (ISP) prints on the Natural and Cultural Natural Control of State and Co	in accordance with the insuland bosset in accordance with the insuland bosset in accordance with the appropriate Recovery Succord (REA) primary me appropriate RECOVERY (REA) primary me app	in accination with the National Daster secency Framework (NDRF), activation of the National and Cultural Resources 187 for provide federal coordination with the appropriate Recovery Succept (Wicklon (187) primary and Succept seesaises and affected by and in coordination with FERM DOWN will provide Assert the National Provides and Coordination with FERM DOWN and provides the National Provides and Provides	upper, marker septent to adjoint the undertaint subject of providing technical advice on the mission assigned activities of their agency. The staff deployed must be able to speak publicly on behalf of their agency. ERMA pre-position.	the infertational Resources doctination droug provises the federal interagency to facilitate transport of infernational resources in support of 17 rojeks form Harvay Resources in support of 17 rojeks form Harvay Resources in State is resurred to staff the RiGCt to identify, adjustices and Adjaceted Harvay and in coordination with FEM, best of set, and Transcontation (FOT) will moulds a promotes resonant in	Region & RRCL, (16.); Flo. or other locations as needed to support RAM response operations, to other locations as needed to support RAM response operations, to other locations as needed to support autoport. HA recursion listen incare and RRC support. Ad elected by and in coordination with FRM, Dett off Transcretation (NOT) will model a support	Region 6 REC, (07, FL), or other forations as needed to support Region 6 REC, (07, FL), or other forations as needed to support REAM response operations, to other forations as needed to support support. He kneed to continue the needed to support At directed by and in coordination with FEAA, Dept of	Intersportation (LUT) will protein epipophae personner to Region 6 RRCL, (DC, .F.O. pr other locations as needest to support FEMA response operations, to include but not limited to VOLPE sundort. FHA Evacuation Liaison Team and RRCC subsort.
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08/28/17	08/30/17	09/03/17	09/02/17	09/12/17	10/17/17	09/03/17	09/03/17	08/27/17	09/04/17	09/08/17
08/28/17	71/06/80	09/03/17	09/02/17	09/12/17	10/17/17	71/50/60	21/60/60	71/17	09/04/17	09/08/17
HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY
¥	¥	¥	¥	¥	¥	<u>×</u>	¥	¥	¥	¥
236818 4332DHTXDOIG600	237164 433ZDRTXDDI0700	24 4332DRTXDOI0701	237646 433ZDRTXDOI0800	4332DHTXDOI0801	38 4332PRTXIDGI0802	237730 4332DRTXDO)0900	237633 4332DRTXDOS0100	236676 4332PRTXDOT0100	73 4332DRTXDOT0101	94 4332DRTXDOT0102
2368	2371	237724	2376	239269	244638	7377	2376	2366	237873	238694

								As directed by and in coordination with FEMA, Dept of			
239178	4332DRTXDOT0103	×	HURRICANE HARVEY	09/11/17	09/11/17	TOG	-	Transportation (DDT) will provide appropriate personnel to Region 6 RRCC, IOF, JFO, or other locations as needed to support	9/25/2017	\$15,000	FOS
								FEMA response operations, to include but not limited to VOLPE			
								support. FHA Evacuation Liaison Team and RRCC support. As directed by and in coordination with FEMA, Dept of			
								Transportation (DOT) will provide appropriate personnel to			
241609	4332DRTXDQT0104	ĭ	HURRICANE HARVEY	09/25/17	09/26/17	100	1	Region 6 RRCC, IOF, JFO, or other locations as needed to support	11/25/2017	\$20,000	FOS
								FEMA response operations, to include but not limited to VOLPE			
								support, FMA Evacuation Liaison learn and MMLL support. As directed by and in coordination with FEMA, Dept of			
								Transportation (DOT) will provide appropriate personnel to NRCC			
Z36788 4332DRTXDOT0200	200	¥	HURRICANE HARVEY	08/28/17	08/28/17	DOT	-	to support FEMA response operations.	9/4/2017	\$40,000	FOS
								Funding for DOT command center(s), if authorized by FEMA, Will			
								be provided under a separate MA. Your arency must validate the As directed by and in coordination with FEMA, Dept of			
								Transportation (DOT) will provide appropriate personnel to NRCC			
237264	4332DRTXDOT0201	¥	HURRICANE HARVEY	71/1E/80	08/31/17	DOT	1	to support FEMA response operations.	9/15/2017	\$30,000	FOS
								Funding for DOT command center(s), if authorized by FEMA, will			
								be provided under a separate MA. Your agency must validate the As directed by and in coordination with FEMA, DOT to establish a			
								toll free number for Emergency Responders supporting			
236763 4332DRTXDOT0300	300	¥	HURRICANE HARVEY	08/28/17	08/28/17	100		emergency relief efforts. It is intended to be domiciled at the DOT	9/12/2017	\$25,000	FOS
								HQ, or as directed and staffed 24/7, by two personnel during			
								daytime hours (0600 to1800) and one person during evening As directed by and in coordination with FFMA. DOT to establish a			
								toll free number for Emergency Responders supporting			
237759	4332DRTXDOT0301	×	HURRICANE HARVEY	08/30/17	08/30/17	DOT	т	emergency relief efforts. It is intended to be domiciled at the DOT	9/12/2017	\$25,000	FOS
								HQ, or as directed and staffed 24/7, by two personnel during			
								daytime hours (0600 to 1800) and one person during evening			
								Transportation DOTAMARAD will provide chine as a fination			
								Itansportation DOL/MAKAD Will provide ships as a hiddledg			ě
237454 4332DRTXDOT0500	500	¥	HURRICANE HARVEY	09/01/17	09/01/17	DOT	7	housing facility, billeting, meals, shipboard support services for FFMA annowed personnel: and such other related services	10/8/2017	\$7,547,513	ć
								Add the Comment of th			
								MARAU and rema jointy deem necessary, as addroved by the As directed by and in coordination with FEMA, Dept of			
								Transportation DOT/MARAD will provide ships as a floating			
239704	4332DRTXDOT0501	×	HURRICANE HARVEY	71/08/60	09/30/17	DOT	7	housing facility, billeting, meals, shipboard support services for	10/8/2017	(\$2,999,767)	õ
								FEMA approved personnel; and such other related services			
								MARAD and FEMA iointly deem necessary, as approved by the As requested by and in coordination with FEMA, DOT/FTA will			
								determine actual recovery and restoration costs associated with			
238327 4332DRTXDOT0700	700	¥	HURRICANE HARVEY	71/01/60	71/01/60	TOG	٦	damaged public transportation systems, undertake damage	9/25/2017	\$212,491	F05
								assessment and cost validation work for both operating and			
								capital costs of those systems usine FTA personnel and/or As directed by and in coordination with FEMA. Environmental			
								Protection Asency (FPA) will provide			
035620 43320BTXFPA0100	9	ž	HURRICANE HARVEY	08/26/17	08/26/17	EPA	10	appropriate personnel to RRCC, JFO, IOF, or	9/11/2017	\$20,000	FOS
		:						other incations as needed to support FFMA response operations.			
								Funding for EPA command center(s), if authorized by FEMA, will As directed by and in coordination with FEMA, Environmental			
								Protection Agency (EPA) will provide			
247901	4337DRTXFPA0101	¥	HURRICANE HARVEY	09/04/17	09/04/17	EPA	10	appropriate personnel to RRCC, JFO, IOF, or	9/11/2017	\$255,000	FOS
		:		;				other locations as needed to support FEMA response operations.			

								As directed by and in coordination with FEMA, Environmental				
239135	4332DRTXEPA0102	ĭ	HURRICANE HARVEY	09/11/17	09/11/17	EPA	10	Protection Agency ($\pm PA$) will provide appropriate personnel to RRCC, $3FO$, $10F$, or	9/30/2017	\$	FOS	
								other locations as needed to support FEMA response operations. Fundine for EPA command centerls), if authorized by FEMA, will As directed by and in coordination with FEMA, Environmental				
242295	4332DRTXEPA0103	¥	HURRICANE HARVEY	09/29/17	09/29/17	EPA	10	Protection Agency (EPA) will provide appropriate personnel to RRCC, JFO, 10F, or	10/12/2017	\$	FOS	
								other locations as needed to support FEMA response operations. Funding for EPA command center(s), if authorized by FEMA, will As directed by and in coordination with FEMA, Environmental power aims of many (EOA) will provide a presentation of the coordination of the coordinate of th				
236773 43:	236773 4332DRTXEPA0200	ĭ	HURRICANE HARVEY	08/28/17	08/28/17	EPA	01	Frozential Resident for Manual profities appropriate personner to NRCC to support FEMA response operations.	9/1/2017	\$10,000	50	
237412	4332DRTXEPA0201	¥	HURRICANE HARVEY	09/01/17	09/01/17	EPA	10	As directed by and in coordination with FEMA, Environmental Protection Agency (EPA) will provide appropriate personnel to PROCC to support. FEMA response operations.	9/11/2017	\$40,000	POS	
236866 433	236866 43320RTXEPA0300	č	HURRICANE HARVEY	08/28/17	08/28/17	EPA	10	As requested by the State of Texus, and in coordination with FEMA, ESF-10 personnel will conduct field operations, to include, but not inhired to: cliently and assess impact of drinking water and wastewater critical infrastructure assist in the	9/11/2017	\$8,592,000	DFA	
236987	4332DRTXEPA0301	¥	HURRICANE HARVEY	08/30/17	08/30/17	EPA	01	imblementation of Resconse Manaer tracking system: As requested by the State of Teast, and in coordination with FEMA, EST-10 personnel will conduct field operations, to include, but not limited to: identify and assess impacts to drinkine water	9/30/2017	\$	DEA	
								and wastewater critical infrastructure, assist in the imolementation of Response Manager tracking system: As requested by the State of Texas, and in coordination with				
237723	4332DRTXEPA0302	ዾ	HURRICANE HARVEY	09/03/17	09/03/17	EPA	10	FEMA, ESF-10 personnel will conduct field operations, to include, but not limited to: identify and assess impacts to drinking water and wastewater critical infrastructure, assist in the	9/30/2017	\$0	DFA	
238706	4332DRTXEPA0303	¥	HURRICANE HARVEY	09/09/17	09/09/17	EPA	10	As requested by the State of Resonang Automet racking system: As requested by the State of Teas, and in coordination with FEMA, ESF-10 personnel will conduct field operations, to include, for to limited in clentify and assess impact to drinking water and wastewater critical infrastructure, assist in the	9/30/2017	\$1,500,000	DFA	
239911	4332DRTXEPAD304	¥	HURRICANE HARVEY	09/18/17	09/18/17	EPA	10	As requested by the State of Reaconse Authories existem: As requested by the State of Teas, and in coordination with FEMA, ESF-10 personnel will conduct field operations, to include, that rot limited on clientify has assess impact for othining water and wastewater critical infrastructure, assist in the	9/21/2017	\$2,100,000	DFA	
241044 43;	241044 4332DRTXEPAD4GO	¥	HURRICANE HARVEY	09/22/17	09/22/17	EPA	01	As requested by the State of Teach, and in coordination with factors for State of Teach, and in coordination with ERAA, ES-10 personnel will conduct field operations, to include, but not limited to: identify and assess impeat to dimining water and wastewater critical instructure, assist in the	10/12/2017	\$3,301,271	DFA	
243272	4332DRTXEPA0401	¥	HURRICANE HARVEY	10/12/17	10/12/17	ЕРА	10	Interhernation of Reacones Adhaneer tracking system: As requested by the State of Teas, and in coordination with FEMA, ESF-10 personnel will conduct field operations, to include, the first of limited or identify and assess impacts of drinking water and unarianger critical informations are circle to the	10/31/2017	\$	DFA	

								Activation of an EPA Environmental Coordinator and/or Sustainability Advisor and subject matter experts as needed to			
242060 4	242060 4332DRTXEPA0500	¥	HURRICANE HARVEY	71/62/50	09/29/17	EPA	RSF	support all RSFs. The Environmental Coordinator will be the	11/6/2017	\$60,305	FOS
								primary point of contact and support for all RSF???s on all environmental matters. The Sustainability Advisor in accordance			
								Activation of an EPA Environmental Coordinator and/or			
		ì		2000000			į	Sustainability Advisor and subject matter experts as needed to	12/24/2012	Ş	Ý
245053	4332DRTXEPAD501	ž	HURRICANE HARVEY	10/18/1/	10/19/1/	ď.	Ź	support all tyres, the Environmental Loordinator will be the primary point of contact and support for all RSF???s on all	14/31/401/	3	Ž
								environmental matters. The Sustainability Advisor, in accordance As directed by and in coordination with FEMA, Federal Aviation			
								Administration (FAA) will provide operations liaisons to the FEMA			
236672	236672 4332DRTXFAA0100	¥	HURRICANE HARVEY	71/17/80	08/27/17	FAA	н	Air Operations Branch (or equivalent structure responsible for coordination of response (including pre-event preparations) and	9/1/2017	\$25,000	S S
								recovery air missions in the disaster area) at various locations in As directed by and in coordination with FEMA, Federal Aviation			
								Administration (FAA) will provide operations liaisons to the FEMA			
236892	4332DRTXFAA0101	ĭ	HURRICANE HARVEY	08/29/17	71/62/80	FAA		Air Operations Branch (or equivalent structure responsible for	9/11/2017	\$0	FOS
								coordination of response (including pre-event preparations) and			
								recovery air missions in the disaster area) at various locations in As requested by and in coordination with FEMA, Federal			
								Communications Commission (FCC) will expedite spectrum			
236614 4	236614 4332DRTXFCC0100	¥	HURRICANE HARVEY	08/26/17	08/26/17	FCC	2	management requests in	9/6/2017	\$21,440	FOS
								support of FEMA response operations. Support may include, but			
								is not limited to, the following: management of radio frequencies. Project Roll Call supports the pre-deployment of equipment			
								resources and teams (along side (MATs) to provide incident area			
236784 4	236784 4332DRTXFCC0200	×	HURRICANE HARVEY	08/28/17	08/28/17	ñ	7	impact analysis in	9/5/2017	\$20,000	FOS
								the immediate aftermath of an incident or event. Project Roll Call			
								allows the FCC and FEMA Disaster Emergency Communications As disected by and in coordination with FEMA. FIFTC will provide			
								nermanent Federal agency personnel (to exclude temporary hires			
7 053070	ASSOCIATION	ř	HURRICANE HARVEY	10/09/17	10/09/17	FIFTC	ur	of the other DHS agencies) willing to deploy for a field assignment	12/31/2017	\$658,000	Š
200		<u> </u>		(C) () (in loo lot	2		to supplement DH5/FEMA's disaster response and recovery			
								efforts. At the direction of, and in coordination with FEMA security			
								personnel, FPS will provide appropriate physical security to			
236585	236S85 4332DRTXFP50100	¥	HURRICANE HARVEY	08/26/17	08/26/17	FPS	13	support response and recovery operations in various states in the	8/26/2017	\$4,900	FOS
								path of Hurricane Harvey. Security of FEMA facilities will be based			
								on FEMA security standards, policies and practices. For FPS At the direction of, and in coordination with FEMA security			
								personnel, FPS will provide appropriate physical security to			
236905	4332DRTXFP50101	Ķ	HURRICANE HARVEY	08/29/17	08/29/17	FPS	13	support response and recovery operations in various states in the	9/11/2017	\$	FOS
								path of Hurricane Harvey. Security of FEMA facilities will be based			
								on FEMA security standards, policies and practices, For FPS			
								Per NPPD Finance create a new Mission Assignment in the			
237401	232401 433208TXFPS0200	ž	HURBICANE HARVEY	08/31/17	08/31/17	SE SE	13	amount of the \$483,331.49 to FPS to support financial	10/13/2017	\$483,331	FOS
								management of over all \$1.47M mission assignment for Surge			
								Capacity support.			
								As directed by and in coordination with FEMA, FPS will provide			
					3		į	subject matter expert to support the functions of ESF #15.		900	Š
237479	237479 4332DRTXFP50300	ř	HURRICANE HARVEY	09/01/17	09/01/17	FPS	E		9/8/201/	51,000	Ş
								All purchases and expenditures must be coordinated with FEMA.			

								At the direction of and in coordination with FEMA, Federal			
237830 4332DRTXFP50400	FP50400	¥	HURRICANE HARVEY	09/04/17	09/04/17	F.	13	Protective Service (FPS) will provide appropriate physical security to support response and recovery operations as needed in	10/3/2017	\$63,000	FOS
								support of Hurricane Harvey. Security of FEMA facilities will be	-		
								based on FEMA security standards, policies, and practices. At the direction of and in coordination with FEMA, Federal			
South	SCA COLUMN TO THE COLUMN TO TH	2		10,000		Š	;	Protective Service (FPS) will provide appropriate physical security			į
959757	4332UNI APP30401	≚	HURRICANE HARVET	(1/60/60	09/04/1/	£	13	to support response and recovery operations as needed in support of Hurricane Harvey. Security of FEMA facilities will be	10/3/2017	\$500,000	SQ
								based on FEMA security standards, oolicies, and practices. At the direction of and in coordination with FEMA, Federal			
								Protective Service (FPS) will provide appropriate physical security			
242245	4332DRTXFP50402	¥	HURRICANE HARVEY	09/29/17	09/29/17	FPS	13	to support response and recovery operations as needed in	12/3/2017	Ş	FOS
								support of Hurricane Harvey. Security of FEMA facilities will be			
								based on FEMA security standards, colicies, and practices. Not Activation MAs: Request DHS Component Agencies to			
								provide Personnel Security Specialist to provide local hire and			
240377 4332DRTXFPS0500	FPS0500	¥	HURRICANE HARVEY	09/18/17	09/18/17	FPS	13	contractor background screening adjudication in support of	9/23/2017	\$10,000	FOS
								Hurricane Harvey response efforts. Personnel and their DHS			
								Component Agency have been identified: FPS. As directed by and in coordination with FFMA. General Services			
								Administration (GSA) Office of Mission Assurance			
236665 4332DRTXG5A0100	G5A0100	¥	HURRICANE HARVEY	08/27/17	08/27/17	GSA	7	(OMA) and Public Building Services (PBS), will provide appropriate	9/26/2017	\$431,750	FOS
								personnel to Region 6 RRCC.			
								IDE IEO or other forestions as needed to support FEMA response			
								As directed by and in coordination with FEMA, General Services			
								Administration (GSA) Office of Mission Assurance			
241657	4332DRTXGSA0101	¥	HURRICANE HARVEY	09/28/17	09/28/17	GSA	7	(OMA) and Public Building Services (PBS), will provide appropriate	12/25/2017	\$200,000	FOS
								personnel to Region 6 RRCC,			
								IOF, JFO or other locations as needed to support FEMA response. As directed by and in coordination with FEMA General Services.			
								Administration (GSA) will provide appropriate personnel to NRCC			
OUCOASSYTGRICERA 697351	0000000	ž	VEVORE SIMPORGETTE	F1/05/00	F1/60/00	430	,		2000/0/0	410,000	į
-		<u> </u>	Handicale Hands	11 62 /90	11 (07 (05	100		Columbia Columbia	1107/16	000,014	ĝ
								Total teaponse operations.			
								As directed by and in coordination with FEMA. G5A will provide As directed by and in coordination with FEMA, General Services			
								Administration (GSA) will provide appropriate personnel to NRCC			
237441	4332DRTXG5A0201	ĭ	HURRICANE HARVEY	09/01/17	09/01/17	GSA	7	to support	9/11/2017	\$40,000	FOS
								FEMA response operations.			
								As directed by and in coordination with FEMA. GSA will provide			
								As directed by and in coordination with remit, deneral pervices			
OURORSSYTHOLEEN TARTER	0000000	ļ	Sales of the Colonial	1.760,00	51/10/00	į	,	Auministration (God) will provide support to conduct market	1,000,000,00	000	i i
VIVO7654 455467	Oncourse	<u><</u>	TORNICANE HANKEI	03/03/17	/T/cn/cn	5		research, negotiate leasing agreements, coordinate occupancy	7,30/201/	220,000	Š
								requirement surveys and scoping for lease agreements, provide			
								information, including available locations and asking rates in As directed by and in coordination with FEMA, GSA will provide			
								Hard matter expects to support the fluorized of ESE #15 Staff			
238592 4332DRTXGSA0400	G\$A0400	ž	HUBRICANF HARVEY	09/08/17	09/08/17	654	15	must have experience facilitating and supporting VIP visits during	10/8/2017	\$40.000	FDS
								disaster response operations.			
								And the second house of the second property of the second house of			
								As different by and in cool different with relive, nearth with an Services (HHS) will provide appropriate incident Response			
236588 43320RTXHHS0100	HHS0100	ž	HURRICANE HARVEY	08/26/17	08/26/17	YHH	œ	Coordination Team (IRCI) personnel to within DC to support	4/4/2017	\$500.000	503
		5		in the land	1 × 1 × 1 × 1	1	,	FEMA response operations. Personnel may include, but is not	3/40 4/40	onofoodt.	}

Fos Fos	FOS	FOS SO	DFA	DFA	DFA	DFA	DFA	DFA
\$12,750,000	(57,000,000)	\$10,000	\$19,000,000	\$10,000,000	0\$	0\$	0\$	(\$4,000,000)
9/11/2017	9/11/2017	9/1/2017	9/15/2017	9/15/2017	9/15/2017	9/30/2017	5/22/2017	9/21/2017
As directed by and in coordination with FEMA, Health & Human Services (HHS) will deploy (CEC command and control staff and stage. Stage: ModAls with their respective caches will be alerted and staged as necessary to succord forward area acute care nost landful. As directed by and in coordination with FEMA, Health & Human Services (HHS) will deploy ICRT Command and Control staff and thage:	What is with the respective claims will be elected and staged as inecessary to support forward area acute care local fundful. Sorvices (Hinds and properties of the propertie	Team (IRCT) Team (IRCT) is support of FEMA response operations. All ourbass and expenditures must be coordinated with FEMA. Aft deferedone, 3 and in coordinate on with FEMA, HHS will preposition appropriate number of Pharmaceists and LNDs and pharmaceutical cactee.	for the state activation of the National EMS Contract. The LMOs will be technically knowledeable of the Federal Acquisition As directed by and in coordination with FEMA, Health & Human Services (HHS) will deploy and employ personnel to include but not limited to: DMAIS, IRC1, RDF, FMS.	Product inventory discensed through FMS will flow through As discreted by and nacondination with FMA, results & Human Services (HHS) will deploy and employ personnel to include but not limited to: DMATs, IRCT, RDF, FMS.	Product inventory discensed through FMS will flow through a directed by and in coordination with FMA, Health & Human Services (HHS) will deploy and employ personnel to include but not limited to: DMATs, IRCT, RDF, FMS.	Adolate invarion dissensed through FUS will flow through Advisored by and in coordination with FRMs, Health & Human Services (HeS) will deploy and employ personnel to include but not limited to: DMATs, IRCT, RDF, FMS.	Product inventory discensed through FMS will flow through a directed by and in coordination with FMAs, Health & Hunan Services [HHS] will deploy and employ personnel to include but not limited to: DMATs, IRCT, RDF, FMS.	Product inventory dispensed through FMS will flow through a directed by and in coordination with FMA, fresh & furnant Services (HMS) will deploy and employ personnel to include but not limited to: DMATs, (RCT, RDF, FMS.
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08/27/17 08/27/17	08/30/17	08/28/17	21/06/80	09/01/17	09/02/17	09/12/17	09/20/17	71/08/60
71/17/80	08/30/17	08/28/17	08/30/17	09/01/17	09/02/17	09/12/17	09/20/17	71/08/30
HURRICANE HARVEY HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY
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4332DATXHH503D0 4332DATXHH50301	433ZDRTXHHSG30Z	236774 4332DRTXHHS0400 236776 4332DRTXHHSOS00	237161 4332DRTXHHS0900	4332DRTXHH50901	4332DRTXHH50902	4332DRTXHH5G903	4332DRTXHH50904	433ZDRTXHHS0905
236579	237095	236774 4:	237161 48	237459	237706	239479	240593	241239

act inventory dispensed through FMS will flow through

								ISSES AND DENVETABLES AGACINED				
237544 4	237644 4332DRTXHHS1000	¥	HURRICANE HARVEY	09/02/17	09/02/17	HHS	RSF	in accordance with the National Disaster Recovery Framework (NDRF), activation of the Health and Social Services RSF to	9/30/2017	539,428	FOS	
•								provide federal coordination with the appropriate Recovery Support Function (RSF) orimary and support agencies and ** Tasks and Deliverables Attached**				
238395	4332DRTXHHS1001	¥	HURRICANE HARVEY	09/08/17	09/08/17	HHS	RSF	In accordance with the National Disaster Recovery Framework (NDRF), activation of the Health and Social Services RSF to provide fadoral coordination with the accordinate Decision	9/30/2017	\$500,000	FOS	
								provice reterial Colomaton with the appropriate necovery guopoort Eurocino (RSF) primary and support agencies and **Tasks and Deliverables Attached** In accordance with the National Disaster Recovery Framework				
241300	4332DRTXHHS1002	¥	HURRICANE HARVEY	71/17/60	09/27/17	HHS	RSF	(NDRF), activation of the Health and Social Services RSF to	10/31/2017	\$1,093,494	FOS	
								provide rederan Commission with the appropriate Necessary Support Europia (RSF) orimany and support agencies and **Tasks and Deliverables Affached** In accordance with the National Disaster Recovery Framework				
244646	4332DRTXHH51003	¥	HURRICANE HARVEY	10/17/17	10/11/17	SHH	RSF	(NDRF), activation of the Health and Social Services RSF to provide federal coordination with the appropriate Recovery	11/30/2017	S,	FOS	
								Support Function (ASF) primary and support agencies and As directed by and in coordination with FEMA, HHS will provide appropriate PIO /subject matter expert(s) to perform duties				
237677 4	237677 4332DRTXHH51100	¥	HURRICANE HARVEY	09/03/17	09/03/17	SHH	15	associated with Emergency Support Function (ESF)1S in support of response operations.	9/30/2017	\$10,000	FOS	
237747 4	237747 4332DRTXHH512 0 0	¥	HURRICANE HARVEY	09/03/17	71/50/60	SH2	80	s directed by and in coordination with FEMA, Health & Human Services (HHS) will activate a federally qualified contractor to admirister a national network of parameters and sufficient personnel to address emergency response requirements through	9/30/2017	\$500,000	DFA	
237903	4332DRTXHHS1201	¥	HURRICANE HARVEY	09/04/17	09/04/17	SHS	200	officected by and in coordination with FEMA, Health & Human Schocked by and in coordination with FEMA, Health & Human Services (HHS) will activate a federally qualified contractor to deminister a national network of pharmacies and sufficient personnel to address emergency response requirements through	9/30/2017	\$	DFA	
239602	4332DRTXHH51202	¥	HURRICANE HARVEY	71/11/60	71/51/60	HHS	50	officected by and in coordination with FEMA; Health & Human Services (PHS) will activate a federally qualified contractor to Services (PHS) will activate a federally qualified contractor to be deminister a national network of parameters and sufficient personnel to address emergency response requirements through	9/21/2017	ŝ	DFA	
238209 4	238209 4332DRTXHH51600	¥	HURRICANE HARVEY	71/80/60	09/08/17	HHS	œ	Fowld adequate staffing to execute the mission of implementing provide adequate Case Management Program (IDCM). an immediate Disaster Case Management Program (IDCM). Townide staffing support to ARC managed shelters once notified by FRMA that the need exists.	2/6/2018	\$8,000,000	DFA	
240977	4332DRTXHH51601	¥	HURRICANE HARVEY	09/26/17	71/92/60	SHH	00	Conduct outcast to idealth' uniterable and other functional Provide adequate staffing to execute the mission of implementing an immediate Disaster Case Management Program (IDCM). Provide staffing support to ARM managed shelters once notified by FRMA hast the need exists.	2/6/2018	\$4,000,000	DFA	
238900 4	238900 4332DRTXHH51700	¥	HURRICANE HARVEY	71/01/60	09/10/17	HHS	α	Conduct outreach to identify vulnerable and other functional beginnent of an ACF Surly Culhood SMF coordinate with Texas Health and Human Services for approximately two weeks to support as response transitions to recovery for child care	9/22/2017	\$10,000	DFA	
								facilities/ Head Start, Currently, 321 child care facilities in the				

240449	4332DRTXHH51701	×	HURRICANE HARVEY	09/19/17	09/19/17	H	œ	Deployment of an ACF Early Childhood SME to coordinate with Texas Health and Human Services for approximately two weeks to support as response transitions to recovery for child care	9/21/2017	\$	DFA	
								facilities/ Head Start. Currently, 321 child care facilities in the impacted a ireas are reported non-operational. These operations DHS/HPD/P will assign qualified Lisison Officers (LNOs) to DHS/FEMA2??3 to assist the Presidentially Appointed Federal				
, 723752	237527 4332DRTXIAIP0100	¥	HURRICANE HARVEY	09/01/17	09/01/17	IAIP	m	Coordinating Official with the timely coordination and integration of infrastructure Protection personnel, support reavices, and other services trotically conformed by DHS/NPD in support of the receives trotically conformed by DHS/NPD in support of the Infrastructure Systems (Farmework INDRS) archardron of the Infrastructure Systems (SF to provide	9/30/2017	\$11,000	FOS	
239471	239 471 433 2DNTXIAIF020 0	¥	HURRICANE HARVEY	09/13/17	09/13/17	JAIP	RSF	federal coordination with the appropriate Recovery Support Arciford (RS) pinnsy and supprogragations and organizations as well as other federal agencies, Softe and private sector controls: accordance with the National Dissaster Recovery Famework (NDRF), activation of the infrastructure Systems RSF to provide	11/6/2017	\$56,910	FOS	
245055	4332DRTX(AIPO201	ጅ	HURRICANE HARVEY	71/61/01	71/61/01	Q P	RSF	factoral coordination with the appropriate Recovery Support Turtion (RSV) primary and support agencies and organizations as well as other federal seencies. State and onvote sector natriers. Not Activation Mark Request (IASC omponent Agencies to provide Dessonnel Security Specialist to provide local hire and	12/31/2017	S	Š.	
240378	240378 4332DRTXICE0100	ጟ	HURRICANÉ HARVEY	09/18/17	09/18/17	ਹ	ដ	contractor background screening adjudication in support of thritisma Havey response efforts. Personnel and their DNS Component Agency have been identified: I.E. LS, CE will provide and directed by and in coordination with Fight.	9/23/2017	\$100,000	Pos	
242528 .	542528 4332DRTXICE0200	¥	HURRICANE HARVEY	10/06/17	10/06/17	ICE	n	of the other DMS agencies) willing to deploy for a field assignment to supplement DMS/FEMA disaster responses and recovery efforts. Florits. The supplement of the supplemen	12/31/2017	\$714,000	FOS	
236613 ,	236613 4332DRTXNCS0100	¥	HURRICANE HARVEY	08/26/17	08/25/17	Ñ	2	and cable management in the RRCC, and JFO or other teams and locations, at the direction and coordination of FMA Region S RECC. This specification and coordination of FEAA Region FA RECC, This perform the functions of ESF #2. restocation as Wirelens, Wirelens	9/11/2017	\$30,000	FOS	
237071	4332DRTXNCS0101	¥	HURRICANE HARVEY	08/29/17	08/29/17	NCS	7	and cable and cable an anagement in the RRCC, and IFO or other teams and locations, at the direction and coordination of FRMA Region 6 RECC. This A state of the coordination with FBMA Region B RECC. This A Communications center (CSG) will provide a peptropriate	9/11/2017	\$30,000	503	
237436 .	237436 4332DRTXNCS0300 236686 4332DRTXNOAA0200	¥ ¥	HURRICANE HARVEY	09/02/17 08/27/17	09/02/17 08/27/17	NOAA	и 2	personne to NRC, FEMA teams, or other facilities in support of FEMA response operations. As directed by and in coordination with FEMA, National Oceanic and Atmospheric Administration (PiOAA) will provide appropriate personnel to Region 6 RRC, 10F, 10C, or other locations as needed to support FEMA response operations.	9/11/2017	\$40,000	SO SO	
236752	4332DRTXNOAAD201	¥	HURRICANE HARVEY	08/27/17	08/27/17	NOAA	s	As directed by and in coordination with FEMA, National Oceanic and Atmospheriz Administration (NOAA) will provide appropriate personnel to Region 6 RRCC, IOF, JFO, or other locations as needed to support FEMA response operations.	9/11/2017	\$15,000	FOS	

237176	4332DRTXNDAA0202	ዾ	HURRICANE HARVEY	08/30/17	08/30/17	NOAA	s	As directed by and in coordination with FEMA, National Oceanic and Atmospheric Administration (NOAA) will provide appropriate personnel to Region 6 RRCC, IOF, IFO, or other locations as	9/11/2017	\$3,000	FOS
236821	236821 4332DRTXNGAAD300	¥	HURRICANE HARVEY	08/28/17	08/28/17	NOAA	×α	An elected to support PLAM regions operations. An elected by and in coordination with FEMA, National Oceanic and Atmospheric Administration (NOAA)/National Weather verve (INVS) will provide appropriate personnel to the National Response Coordination Centre (NICC) to support FEMA response	8/28/2017	\$10,000	SQ.
239702	4332DRTXNDAA0301	¥	HURRICANE HARVEY	09/13/17	09/13/17	NOAA	Ŋ	Addirected by and in coordination with FENA, National Oceanic and Atmospheric Administration (NOAA/National Weather and Atmospheric Administration (NOAA/National Weather Provice (NWS) will provide a pprograsse personnel to the National Response Coordination Center (NRC) to support FENA response	9/5/2017	85	õ
236936	236936 433ZDRTXNOAAD400	Þ	HURRICANE HARVEY	08/29/17	71/62/80	NOAA	sn.	Ocetations. Adirected by and in coordination with FENA, National Oceanic & Armospheric Administration (NOAA) will provide support which may include, but in oil limited to, a paidly collecting, processing, and distributing high resolution, geo-rectified actial imagery	9/11/2017	\$120,000	Pos
237803	237803 4332DRTXNOAA0500	¥	HURRICANE HARVEY	09/03/17	09/03/17	NOAA	Vn	And of using the section and Resident (LDRA), and ord/Switteetic NGAQ/National Ocean Swivel (NGS) will deploy to FEMA's regional Response. Coordination Control, Jordin Feld Office, or other teamy/facilities in support of Emergency Support Function 5 (ESF-5) to include, but not limited to the coordination and	10/11/2017	\$21,275	FOS
241690	4332DRTXNOAA0501	×	HURRICANE HARVEY	09/29/17	71/62/60	NOAA	'n	Micharon of Non-Statenets retroficial and autorial impressment additional Costs. As described (NGS) will deploy to FINA's frequents deploying Responsive Coordination Contract Lordin Center, Lordin Field Office, or other team/facilities in support of Emergem-Support Center and Michael Center (Emergem-Support Center).	10/31/2017	\$20,000	FOS
236595	236595 4332DRTXNPPDD100	¥	HURRICANE HARVEY	08/26/17	08/26/17	OPPN	\$	deview of NOSA Storiest technical and patient immissional and defined by and in coordination with FibNic. DNS Attornal Section Action Replay, DNS Attornal Protection and Programs Directorale. (Report) will provide permanent federal agency personnel to exclude temporary hirse the other DNS Agencies) willing to deploy for a field assignment of the other DNS Agencies) willing to deploy for a field assignment of the other DNS Agencies) willing to deploy for a field assignment of the other DNS Agencies) willing to deploy for a field assignment of the other DNS Agencies of the ONS Agen	10/13/2017	\$1,470,560	FOS
237374	4332DRTXNPPDO101	¥	HURRICANE HARVEY	08/31/17	06/31/17	NPPD	ហ	As concentent of his PATA-PATA As distance resoons and recovery As directed by and in coordination with FRMA, DHS-Matonal Protection and Programs Directorate_(Agency) will provide permanent Federal agency personnel (to exclude temporary hiese of the other DHS-agences) willing to deploy for a field assignment to supplement DHS/FEMA's distance resoons and preview.	10/13/2017	(\$483,331)	FOS
243154	4332DRTXNPPDD102	¥	HURRICANE HARVEY	10/11/17	10/11/17	OMPPD	v	As birected by and in conclusion with FarMs,brashadonal Protection and Programs Directoratelagency, will provide permanent Federal agency personnel (to exclude temporary hires of the other DHS agencies) willing to deploy for a field assignment	12/31/2017	\$0\$	FOS
236450	2364S0 4332DRTXNPPD0200	¥	HURRICANE HARVEY	T£/17/80	71/72/80	OPPD	m	to studement DHS/FBAM's disaster resonnes and recovery As directed by and in coordination with FERMA, National Protection & Programs Directorate (NPPD) will provide appropriate personnel to NRCC ISO HURRICANE HARVEY to support FEMA response operations.	9/3/2017	\$12,750	FOS
237480	237480 4332DRTXNPPDG300	¥	HURRICANE HARVEY	71/10/60	09/01/17	NPPD	15	As directed by and in coordination with FEMA, DHS NPPD will provide from Subject Matter Expert from External Affairs, National Protection and Programs Directorate to support the	9/8/2017	\$1,000	FOS

	FOS	FOS	FOS	FOS	FOS	FOS	FOS	FOS	FOS	F0S	FOS
	\$18,700	\$33,582	\$100,000	\$10,000	\$10,000	\$100,000	os	\$29,467,760	(\$22,355,760)	0\$	\$10,000
	10/6/2017	10/6/2017	10/8/2017	9/23/2017	9/30/2017	9/28/2017	10/24/2017	10/13/2017	10/13/2017	12/31/2017	723/2017
 Specific Tasks Described analysis will support affects to present critical 	infrastructure through an integrated analytical approach, evaluating the potential consequences of disruption as a result of MSA3227. You constitute this second to the second of Second Consequences of disruption as a result of MSA3227. You constitute the second of Second Consequences of Second Consequences. Second or Second Consequences.	Deployed analysts will support efforts to protect critical infrastructure through an integrated analytical approach, infrastructure through an integrated analytical approach, sevaluants the potential consequences of disruption as a result of BA 433.2.Y. Consection is a second to the subset of second analysis and incoordination with FMA, Disf. NIPPO will result of the subset of	provide subject matter experts to support the Unitions of ESF #15 by providing technical advice on the mission assigned activities of their agency. The staff deployed must be able to costs a building too heball of their agency. Not Advanton MAS: Request Dist Component Agencies to Mot Advanton MAS: Request Dist Component Agencies to	provide Personnel Security Spicalistist to provide closal hier and contractor background screening adjudication in support of Hurricane Harvey response efforts, Personnel and their DHS Component American dentified, Robert Component American As directed by and in scoolination with FRNA, National Park	Eavine (1879) will provide appropriate personnel to support the Edeteral Search and Rescue Coordination Group (FAMCO), providing planning and coordination assistance to EFF-5 Search and heacoust College Station area (RACC, MAT, IFO to rother A directed by and in coordination with FAM, Oscupational Additional Comments of the Comment of the Comment of the Additional Comments of the Comment of the Comment of the Additional Comments of the Comment of the Comment of the Additional Comments of the Comment of the Comment of the Additional Comments of the Comment of the Comment of the Additional Comments of the Comment of the Comment of the Additional Comments of the Comment of the Comment of the Additional Comments of Additional Comments of	Salety & return Aministrator (1954), will revoke appropriate salety and health specialized expertise and support to ERAA per the NEW Worker Safety and Health Support Amrex and in support of ERAA per differ a response operations.	safety a relation administration (Usany) will produce appropriate safety and health specialized expertise and support to ERMA per the Neff Worders Safety and relatify Support Annex and in support of ERMA per defended for the Neff Worders Safety and relatify Support Annex and in support of ERMA per deceases expectations. Active of the Neff Safety of the Safety Saf	will provide parameter, refers ageincy personnel (to Section et emporary hirse of the other DNS agencies) willing to deploy for electronically willing to deploy for electronical parameter response and recognized for the provided provided the provided provided for coordination with FEMA. "TSL. ("Agency) and in coordination with FEMA."	with protone parameters (see a genry per source) to the free protone to the control of the contr	with provide performance and ageing parallel (Version) in the provide performance and performance of the per	screening adjudication in support of Hurricane Harvey response efforts. Personnel and their DHS Component Agency have been
	m	m	15	13	σı	non-specific ESF	nan-specific ESF	so.	v	ιΛ	vı
	OPPD	ОчРР	Oddu	QddN	N S	OSHA	OSHA	TSA	A.	TSA TSA	TSA
	09/64/17	09/04/17	71/80/60	09/18/17	71/90/60	71/E0/60	71/62/50	08/26/17	71/05/60	10/11/17	09/18/17
	09/04/17	09/04/17	71/80/60	09/18/17	71/90/60	71/50/60	09/29/17	08/26/17	09/30/17	10/11/17	09/18/17
	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY
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	237813 433ZDRTXNPPDC400	71 4332DRTXNPPDG401	238564 4332DRTXNPPDOSOD	240344 4332DRTXNPPD060 0	237962 4332DRTXNPSD100	237701 4332DRTXOSHAQ100	61 4332DRTXOSHA0101	236587 4332DRTXfSA0100	37 4332DRTXTSA0101	4932DRTXTSA0102	240345 4332DRTXTSA0200
	2378:	237771	23850	2403,	23791	73778	242261	2365	239037	243133	2403

								Provide aircraft/vehicles and personnel to accomplish				
236647 4	236647 4332DRTXUSAF0100	¥	HURRICANE HARVEY	71/22/13	71/22/80	IISAF	7	aerial/ground imaging and transportation of personnel/light caren Provide damage accepting images/observation and other	4/11/2017	430,000	č	
						Š		assigned tasks as directed by FEMA. Request imagery be geocoded and upon handing upon directed by FEMA. Request imagery be geocoded and upon handing upload digital files to a FEMA Provide aircraft/vehicles and personnel to accomplish			3	
236457	4332DRTXUSAF0101	¥	HURRICANE HARVEY	08/28/17	08/28/17	USAF	7	aerial/ground imaging and transportation of personnel/light cargo. Provide damage assessmet imagery/observation and other assigned tasks as directed by FEMA. Request imagery be	9/11/2017	\$40,000	FOS	
237572	4332BRTXUSAF0102	¥	HURRICANE HARVEY	09/02/17	09/02/17	USAF	7	escocked and unon landina toudad distriblists to a ERMA Provide artrafytehicides and personnell to accomplish are nicitiground manging and transportation of personnell/light cargo. Provide damage assessment imagery/tobekovation and other assigned tasks as directed by FEMA. Request imagery be	9/30/2017	\$50,000	FOS	
237756	4332DRTXUSAF0103	Ĕ	HURRICANE HARVEY	09/03/17	09/03/17	USAF	7	geocodes, and boto handmar blooks digital have a Fronde arreal Vehicles and personnel for accomplish recorded arreal Vehicles and personnel for accomplish arreal ground marging and reasons breathing round resonnel flight cargo. Provide damage assessment imager/(vlobservation and other accipred tasts as directed by FRAM. Request imager be	9/30/2017	\$180,000	FOS	
238602	4332DRTXUSAF0104	¥	HURRICANE HARVEY	09/08/17	09/08/17	USAF	٢	Footide aircraft/couldes and response to accomplish that are affected maping and transportation of personnel/light cargo. Provide damage assessment in negery/loberovation and other assigned assess as directed by FROM. Request in magery be execoged and uson landing unload dietals files to a FROM.	9/30/2017	\$65,000	FOS	
237421 4	237421 4332DRTXUSAF0200	Ę	HURRICANE HARVEY	09/01/17	71/10/60	USAF	7	As directed by and in coordination with FEMA, Civil Air Patrol will provide appropriate personnel to the NRCC in support of FEMA response operations.	9/11/2017	\$10,000	F05	
236546 4	236546 4332DRTXUSCGO100	¥	HURRICANE HARVEY	08/26/17	09/26/17	USCG	ю	All purchases and expenditures must be coordinated with FEMA. As directed by and in coordination with FEMA (USCS) will provide permanent Federal agency personnel (to exclude temporary hiese of the other DNS agencies) willing to deploy for a field assignment to supplement DNS/FEMA's disaster response	8/26/2017	\$9,176,000	FOS	
239078	4332DRTXUSCG0101	¥	HURRICANE HARVEY	71/08/60	09/30/17	USCG	M	at cooper with a discourt with	9/30/2017	(\$8,518,000)	FOS	
243114	4332DRTXUSCG0102	¥	HURRICANE HARVEY	71/11/01	10/11/17	USCG	sh	de decouvey difforts. As directed by and in coordination with FENA, (USCG) will provide permanent Federal agency personnel (to exclude termporary hirse of the other DHS agency personnel (to exclude termporary hirse of the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FENAs disaster response	12/31/2017	g s	FOS	
236646 4	236646 4332DRTXUSCG0200	Ĕ	HURRICANE HARVEY	08/27/17	08/27/17	90\$n	non-specific ESF	and recovery effects, As different coordination with FEMA, US Coast Guard As directed by and in coordination with FEMA, US Coast Guard (USCS) will provide appropriate personnel to RRCc, JFO, IOS, or other locations as needed in support of FEMA response operations.	9/11/2017	\$30,000	FOS	
237101	4332DRTXUSCG0201	¥	HURRICANE HARVEY	08/29/17	08/29/17	nsce	non-specific ESF	As directed by and in coordination with FEMA, US Coast Guard (USCG) will provide appropriate personnel to RRCL, ISD, IOF, or other locations as needed in support of FEMA response operations.	9/11/2017	\$5,000	FOS	

237399	4332DRTXUSCG0202	Ĕ	HURRICANE HARVEY	08/31/17	08/31/17	usce	non-specific ESF	and intered by and in coordination with FBMA, US Coast Guard (USCG) will provide appropriate personnel to RRCC, JFO, IOF, or other focusions as needed in support of FEMA response operations.	9/9/2017	\$15,000	FOS
237505	4332DRTXUSCG0203	*	HURRICANE HARVEY	09/01/17	09/01/17	USCG	non-specific ESF	As directed by and in coordination with FEMA, US Coast Guard (USCS) will provide appropriate personnel to RRCC, IFO, 10F, or other locations as needed in support of FEMA response operations.	9/30/2017	\$5,000	SÕ
237577	4332DRTXUSCG0204	¥	HURRICANE HARVEY	09/02/17	09/02/17	USCG	non-specific ESF	As directed by and in coordination with FBMA, US Coast Guard (USCS) will provide appropriate personnel to RRCC, JFO, IOF, or other locations as needed in support of FRMA response operations.	9/30/2017	\$15,000	Fos
238948	4332DRTXUSCG020S	¥	HURRICANE HARVEY	09/11/17	09/11/17	usce	non-specific ESF	As directed by and in coordination with FEMA, US Coast Guard (USCS) will provide appropriate personnel to RRCC, FO, IOF, or other locations as needed in support of FEMA response operations.	9/30/2017	\$19,000	FOS
236777 4:	236777 4332DRTXUSCG030 0	¥	HURRICANE HARVEY	08/30/17	08/30/17	. nsce	đì	As directed by and in coordination with FEMA, US Coast Guard (USCG) will provide appropriate personnel to support the Federal Search and Search and Rescue Coordination Group (FSARCG), providing planning and Rescue Coordination Seasch as a Seasch and College As deferred by and in coordination with FEMA, US Coast Guard As directed by and in coordination with FEMA, US Coast Guard	9/11/2017	\$10,000	FOS
245160	4332DRTXUSCG0301	¥	HURRICANE HARVEY	10/23/17	10/23/17	USCG	ø.	(USCG) will provide appropriate personnel to support the Federal Search and Resue Coordination Group (FEARCG), providing planning and	10/19/2017	(060′2\$)	FOS
236820 4.	236820 4332DRTXUSCG0400	Ĕ	HURRICANE HARVEY	08/29/17	08/29/17	USCG	on.	Additional way in coordination with FEMA, Customs and a social recordination with FEMA, Customs and a social recordination (EBP), United States Coast Guard (UXCG), Expertment of Interior (EDP) - in coordination with National Park Service (NPS) - and United States Despiration (ESP), and other studies (ESP).	9/11/2017	000'005\$	FOS
240668	4332DRTXUSCG0401	¥	HURRICANE HARVEY	09/22/17	09/22/17	USCG	on.	Border Protection (EBP), United States Coast Guard (USCG), Department of Interior and Protection (DO)1-in coordination with National Park Service (NPS)- and (DO)1-in coordination with National Park Service (NPS)- and Are States Coast and Park Service (NPS)- and As directed by and in coordination with FRAM United States Coast As directed by and in coordination with FRAM United States Coast	9/11/2017	(\$500,000)	F05
237182 4.	237182 4332DRTXUSCG05D0	¥	HURRICANE HARVEY	08/30/17	08/30/17	nsce	ø.	Guard (USCG) provide support to FEMA search and rescue, in support of FEMA response operations. Each agency will provide motorized boats/kessels and personnel as required by ESF9 and	9/12/2017	\$750,000	DFA
237709	4332DRTXUSCG0501	¥	HURRICANE HARVEY	09/03/17	21/60/60	USCG	on €	Efficiency by and in coordination with FEMA United States Coast As directed by and in coordination with FEMA United States Coast Gaurd (USG) provide support for FEMA search and rescue, in support of FEMA response operations. Each agency will provide mutuorised boats/vessels and personnel as required by ESF9 and	9/12/2017	\$0	DFA
237554 4	237554 4332DRTXUSCG0600	¥	HURRICANE HARVEY	09/03/17	09/02/17	USCG	21	As diffected by and in coordination with FENA, US Coast Guard (USCS) will provide External Alfats subject matter experts (SMEs) to the NRCC, FENAL hardeen Wanagement Assistance Teams (INATS), or other entities or facilities in supported response	9/29/2017	\$120,000	FOS

DFA	Š	DFA	DFA	FOS	SQ.	F0S	Vo	FOS	FOS	50S	FOS
\$20,000,000		<u>,</u>	\$40,000,000	\$1,000	(\$1,000)	\$10,000	\$5,250,000	\$54,000	\$6,820	\$10,000	\$20,000
9/21/2017	E100/10/0	9/21/2017	12/22/2017	9/8/2017	10/25/2017	9/23/2017	12/31/2017	9/11/2017	9/11/2017	7/2017	9/11/2017
As directed by and in coordination with FEMA, US Coast Guard (USCG) will provide oil and hazardous material field response in support of FEMA response operations. Field response activities	may include the following: providing specialized expertise, conducting damase assessment of oil flanzama water inneact via As liferede by and in coordination with FBMA, US Cast Guard (USCO) will provide oil and hazadous material field response in USCO will provide oil and hazadous material field response in USCO will provide oil and hazadous material field response in USCO will provide oil and hazadous material field response in USCO will provide oil and hazadous material field response in USCO will provide oil and hazadous material field response in USCO will provide oil and hazadous material field response in USCO will provide oil and hazadous material field response in USCO will provide oil and hazadous field fiel	apport or the wastones operations: Head response authories may include the following: providing specialized expertise; may include the following: providing specialized expertise As Directed by an acceptance of old/Plazman water impact via As Directed by and in coordination with FRNA, US. Casat Goard (USCG) will provide oil and hazardous material field response in	support of regionse operations. Field response activities may include but not limited to the Hollowing: piecement of vession include but not limited to the Hollowing: piecement of westine removed of bollowins to operate minimal presents again of coordinate and the convention with Fight, USESS will provide a subject meter experts to support the functions of FER 415 by	providing technical advice on the mission assigned activities of riving agency. These staff deployed must be able to speak publicly on behalf of their agency. The deployed must be able to speak publicly charlet deploy and in coordination with Fethol. VISCS will provide sublect marker about to outmost the firm-rions of FCE air's ky	providing technical advice on the mission assigned activities of their egency, the staff deployed must be able to speak publicly on behalf of their agency. The Staff of their agencies to Not derivation MAR. Request be NE Compounding all this and movide becomes Secretic consister a movidal post to see	promore interaction according sequents of process to proceed the process of p	of the other DHS agencies) willing to declare a finite assignment to supplement DHS/FEMA's disaster response and recovery efforts. As directed by an in coordination with FRMA US Deg of declared to the control of the coordination of the TMA US Deg of declared to the control of the coordination of the TMA US Deg of declared to the coordination of the tMA US Deg of declared to the coordination of the tMA US Deg of declared to the tMA US Deg of declared to the tMA US Deg of degree the tMA US Deg	Arwards (2004), with produce appropriate personner to the FEMA & RRCL, 106, 170, PEMA teams, or other fadilities as needed in support of FEMA response operations. As directed by and in coordination with FEMA, US Dept of	Agriculture (USDA) will provide appropriate personnel to the FEMA R6 RRCC, JOF, FEMA R6 RRCC, JOF, FEMA R6 Repenso, or other facilities as needed in support of FEMA response operations.	Department of Agriculture (USDA) will provide appropriate personnel in support of FEMA operations in response to Tropical Cyclone Harvey. All burchases and expeditures must be conformed with FEMA, the US wall in coordination white FEMA, the US.	Department of Agriculture (USDA) will provide appropriate personnel in support of FEMA operations in response to Tropical Cyclone Harvey.
10	Ė	OT.	10	\$1	15	non-specific ESF	Ŋ	11	Ħ	11	11
USCG	S	การก	05C0	uscis	USCIS	USCIS	usais	USDA	USDA	USDA	USDA
09/05/17	71/90/90	/1/90/50	09/22/17	09/01/17	11/01/17	09/18/17	10/09/17	08/26/17	09/06/17	08/27/17	09/01/17
09/05/17	09/06/17	71/80/10	09/22/17	09/01/17	11/01/17	71/81/60	10/09/17	08/26/17	71/90/60	71/12/80	09/01/17
HURRICANE HARVEY	HUBBICANE HABYEY	TORRICONE DANCE	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY
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237911 4332DRTXUSCG0700	4332DRTXUSGG0701		240 5 54 4332DRTXUSCG0800	237457 4332DRTXU5CISO100	4332DRTXUSCISO101	240380 4332DRTXUSCISO200	242475 4332DRTXUSCISO300	23664S 4332DRTXUSDA0100	4332DRTXUSDA0101	236740 4332DRTXUSDA020G	4332DRTXUSDA0201
237911	238205		240554	237457	245751	240380	242475	236645	238081	236740	237510

238593	4332DRTXUSDA0202	¥	HURRICANE HARVEY	09/15/17	09/16/17	USDA	11	As directed by and in coordination with FEMA, the US Department of Agriculture (USDA) will provide appropriate personnel in support of FEMA operations in response to Tropical Confine Hanew	7/22/22/5	\$7,000	FOS
237563 43	237563 4332DATXUSDAOSOO	¥	HURRICANE HARVEY	09/02/17	09/02/17	USDA	15	Applications of a condition of a condition of the coordinated with FEMA. As directed by and in coordination with FEMA, USDA will provide technical subject matter experts to support the functions of ESF #15. The staff deployed must be able to speak publicity on behalf of their agency.	9/29/2017	\$10,000	FOS
245162 43	245162 4332DATXVSDAG600	¥	HURRICANE HARVEY	10/25/17	10/25/17	USDA	RSF	In accordance with the NDRE, activation of the housing RSF USDA Rural Development will provide appropriate housing RSF assistance as a primary agency to the housing RSF. Will concolinate with support agencies and organizations as well as other federal aventies. State and mivate sertor cartners, as	12/31/2017	\$48,000	FOS
236581 43:	236581 4332DRTXUSDJ0100	č	HURRICANE HARVEY	08/26/17	08/26/17	uson	13	se requested by and in coordination with FEMA, DOI ESF 13 National Coordination Center (NCC) will provide armed Federal law enforcement officers (FELOS), Quick Response Teams (QRTs), or other security thanns as required to provide force protection, or other security than sans the enforcement removed for the control and assertation.	9/4/2017	\$4,568,782	Fos
236791	4332DRTXUSDJ0101	¥	HURRICANE HARVEY	08/28/17	08/28/17	uso	13	s requested by and in coordination with FEMA, DOI ESF 13 means are also and in coordination center (IVC) will provide armed Federal and not expense to fitteers (ELEOs), Quick Response Teams (QRTs), or other security teams as required to provide force protection, security and general law enforcement, support and expergrates.	9/4/2017	\$5,569,310	FOS
236998	4332DRTXUSDJ0102	¥	HURRICANE HARVEY	08/29/17	08/29/17	rasn	133	a requesce by an introdomaton wint retors, DDL Est 3. National Coordination Center (NCC) will provide armed Federal law enforcement officers (FLEOS), Quick Response Teams (GRTS), or other security teams as required to provide force protection,	9/15/2017	\$6,660,000	FOS
237303	4332DRTXUSDJ0103	ķ	HURRICANE HARVEY	08/31/17	08/31/17	uspi	£4.	executive and greates are enforcement support and additionate sequested by and in coordination with FRMA, DOI EST 18 Mational Coordination Centre (NCC) will provide armed Federal National Coordination Centre (NCC) will provide armed Federal Coordination Centre (NCC) will provide armed Federal OFT or other security trains as required to provide force protection, security and general law enforcement supportants.	9/15/2017	\$3,472,984	FOS
237671	4332DRTXUSDJ0164	¥	HURRICANE HARVEY	09/03/17	71/50/60	uso	133	equested by an in Coordination with refund LOUEs 1.2 National Coordination Center (NCC) will provide arried federal law enforcement offices (FLTOs), Quief Response Teams (QRTS), or other security teams as required to provide free protection, security and general law enforcement simport, and appropriate	9/21/2017	\$210,000	F05
236604 43:	236604 4332DRTXUSDJ0200	¥	HURRICANE HARVEY	08/25/17	08/26/17	rasn	13	estquested by Anni no condimination with this AUD Ext. 13 National Coordination Center (NCC) will provide armed federal law enforcement officers (FLECs), Quick Response Teams (QRTs), or other security teams as required to provide force protection,	8/26/2017	\$4,568,780	405
236657 43.	236557 433ZDATXUSDJ0201	¥	HURRICANE HARVEY	71/17/10	08/27/17	r asn	13	As requested by and in coordination width FENA, DOLESF 13 are made and in coordination width FENA, DOLESF 13 are material content (NCC) will provide armed Federal basen forcement officers (ELEDs.) Quick Response Teams (GRTs.) or other security teams as required to provide force protection, or other security and secu	8/26/2017	(\$4,568,780)	So
236612 43.	236612 4332DRTXUSDJO300	¥	HURRICANE HARVEY	08/26/17	08/26/17	usp	13	(DOJ) will provide appropriate personnel to the RRCC, IOF, JFO, or other locations as needed to support FEMA response operations. Funding for DOI command center(s), if authorized by FFMA will	9/11/2017	\$15,000	POS

236754 43320RTXUSDJ0400	¥	HURRICANE HARVEY	08/27/17	08/27/17	USD	13	and directed by and in coordination with FROM, Department of the advanced of the properties of the properties of the coordinate personnel to NRCF use support FROM response operations our agency must validate the influidudates Mo balance at least annually a scilobated by FROM to maintain reimbursable authority. Account data must also be to maintain reimbursable authority. Account data must also be	9/4/2017	\$10,000	405
236819 4332DRTXUSDIO500	Χ̈́	HURRICANE HARVEY	08/28/17	08/28/17	נפצט	13	As directed by and in coordination with FEMA, Department of Macklee (DOI) will provide appropriate personnel to NRCC to support FEMA response operations.	9/1/2017	\$10,000	FDS
236872 4332DRTXUSDJOSD1	×	HURRICANE HARVEY	08/28/17	08/28/17	(QSD)	13	As directed by and in coordination with FEMA, Department of Justice (DOJ) will provide appropriate personnel to NRCC to support FEMA response.	9/1/2017	\$0	POS
2368S6 4332DRTXUSDID600	¥	HURRICANE HARVEY	08/28/17	08/28/17	rasn	13	As directed by and in coordination with FEMA, Dept. of Justice DODJS ## 41 Parkinal Coordination Center (HCC) will provide an arriad Federal law enforcement officer (FLC) Quick Response Team (QRT), or other security teams as required, to provide force	9/11/2017	\$1,664,000	DFA
237365 4332RTXUSDJ0601	X.	HURRICANE HARVEY	08/31/17	08/31/17	iosn	13	expection, security and expect also an entire support and A directed by and in continuous with FKW, Lept. of histore (10) ISF at 3 sectional Conditions center (LCC) will provide an armed Federal law enforcement officer (ELC) Quick Response from (CRF) to other security tensors as required, to provide love nontation, secritical and assertal law antirecent sinoner and	9/30/2017	\$4,160,000	DFA
237704 4332DRTXUSDJ0602	ž.	HURRICANE HARVEY	71/20/60	09/02/17	rasn	13	As directed by and in coordination with FEMA, Dept. of Justice 100) ESF 413 National Concrination Center (NCC), will provide an armed Federal law enforcement officer (FEC) Quick Response Team (QRT), or other security teams as required, to provide force	9/30/2017	8	DFA
240285 4332DRTXUSD)0603	×	HURRICANE HARVEY	09/18/17	09/18/17	uspi	13	repection, security and experial was inspectants support and at directed by and in coordination with FWM, Lept. of lustice (DO) ESF #13 National Coordination (Entre (NCC) will provide an armed Federal law enforcement officer (EEG) Quick Response Team (QRT), or other security teams as required, to provide force step froction, security and evene law enforcement support and experience and experie	9/16/2017	0\$	DFA
237731 4332DRTXUSDJD800	¥	HURRICANE HARVEY	71/60/60	71/50/60	rasn	13	a communications vehicle, GOVs and necessary supplies and equipment to operate for 30 days. The State of Texas Governor requested a SELEO be assigned. The Attorney General aereed and abnonited the SELEO on 30 AUG.	10/3/2017	\$1,480,014	Š
236606 4332DRTXUSFS0100	¥	HURRICANE HARVEY	08/26/17	08/26/17	USFS	4	at directed by and in coordination with FRM, US forest Service (USFS) will provide appropriate personnel Region (6, 800 N Loop 288, Denton, TX Benton, TX	9/11/2017	\$10,000	503
23674 6 4332DRTXUSFS0101	¥	HURRICANE HARVEY	08/27/17	71/72/80	USFS	4	ad directed by and in coordination with EMA, US forest service (USFS) will provide appropriate sorionel REAM, OS N. Loop 238, Denton, TX. Read and service and ser	9/11/2017	\$52,000	FOS
237649 4332DKTXUSF50102	× ×	HURRICANE HARVEY	09/03/17	09/03/17	USFS	4	As directed by and in coordination with FRMA, US forest Service (USS) will provide appropriate personnel Region 6, 800 N Loop 7288, Dentron, Pr. 7880, Dentron, Pr. 7800, or other facilities in support of response operations.	9/30/2017	\$338,000	FOS

FOS	603	DFA	DFA	DFA	DFA	DFA	DFA	DFA	DFA	DFA
\$10,000	\$50,000	\$3,000,000	80	80	\$3,000,000	0\$	\$1,800,000	\$	\$0	\$20,000
9/2/2017	9/10/2017	9/13/2017	9/13/2017	9/13/2017	9/18/2017	9/17/2017	9/30/2017	9/30/2017	9/8/2017	9/20/2017
(USFS) will provide appropriate personnel to NRC, or other facilities in support of response operations. Funding for USFS command center(s), if authorized by FEMA, will	the provided under a sersame with FENA, US Forest Service (USFS) will provide appropriate personnel to MINC, or other feedities in support of response operations. Funding for USFS command center(s), if suthorized by FENA, will be to use to command center(s), if suthorized by FENA, will be trouseded from all incompliants with incompliants.	will provide up give a month of the properties and the properties and sixthuloup or truck/frailer combinations.	As requested by and in coordination with FRAM, USFS and DOI will provide ligitized support to multiple incident Support Bases (1989), Feeteral Staging Areas (FSAS), or other logistics faithing. This support may include, but not infinited to selve, receipt, staging and determinent of market subjectives.	As requested by and in coordination with FENA, Ust's and DOI will provide logistical support on multiple includer Support Bases (1584), reder al Staging Areas (FSAs), or other logistics facility. This support may include, but not limited to set-up, receipt, staging	and distribution on truck/halled from high and distribution of truckhalled by a requested by and in coordination with Fohla, USFS and DOI will provide logistical support to multiple inclored: Support Bases (ISS), Federal Staging Areas (FAS), not their logistics fedrility. This support may include, but not limited to set-up, receipt; staging	And distribution of truck/Traigle combinations, as requested by and in coordination with EVA, USFS and DOI will provide ligitated support to multiple incident Support Bases (SBS), Federal Staging Areas (SAS), or other logistics facility. This support may include, but not limited to set-up, receipt, toaging support may include, but not limited to set-up, receipt, toaging and distribution of truck/Traigle combinations.	DO) will provide personnel to provide logistical, emergency management planning and operational support to councies affected by the storm. The support provided may include the following deliyeables; Appropriate authlets there exertet from fall requested by the Teas a forest Service with FIAA, USES and	DOI will provide personnel to provide logistical/ emergency management planning and operational support to counties facted by the storm. The support provided may include the followine deliverables: Appropriate subject, matter excerts from As requested by the Teaas Forest Service with FEMA, USFS and possible.	Own provide personnel to growte logistical remergency management planning and operational support to counties affected by the storm. The support provided may include the followine deliverables: Aorgoniate subject matter excerts from a directed by and in coordination with Fights and Towas Abrick will provid a popropriate personnel to complete fire	assistance and/or suppression implementation planning, or other emergency response and coordination planning in support of
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USFS	USFS	USFS	USFS	USFS	USFS	USFS	USFS	USFS	USFS	USFS
08/26/17	08/31/17	08/31/17	09/01/17	09/02/17	09/05/17	09/18/17	09/01/17	09/02/17	09/18/17	71/80/60
08/26/17	08/31/17	08/31/17	09/01/17	71/20/60	09/05/17	09/18/17	09/01/17	09/02/17	09/18/17	71/80/60
HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY
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236634 4332DRTXUSFS0200	4332DRTXUSF50201	237274 4332DRTXUSFS0400	4332DRTXUSFS0401	4332DRTXUSFS0402	4332DRTXUSF50403	4332DATXUSFS040M .	237539 4332DRTXUSF50500	4332DRTXUSFSOSG1	4332DRTXUSFS0502	238286 4332DRTXUSFS0600
236634	237349	237274	237448	237721	237876	240329	237539	237720	240324	238286

FEMA response operations. ESF 4 is responsible for providing

430	5	DFA	DFA	Õ	FOS	503	FOS	FOS	20	50	FOS
5	2	\$20,000	000'09\$	\$1,000,000	os.	\$721.140	(\$539,140)	0\$	\$50,000	\$2,500,000	\$250,000
2/21/2017	1707 (77)	9/21/2017	10/21/2017	9/30/2017	10/14/2017	9/4/2017	9/9/2017	12/31/2017	10/7/2017	11/4/2017	10/7/2017
As directed by and it confurmation with remy and reas Asim Forest Service will provide appropriate personnel to complete fire assistance and/or surmession implementation planning or other	ensurance aims of suppression impenientation in support of emergency response and coordination planning in support of FINA response operations. ESF 41s responsible for providing As directed by and in coordination with FEMA and Texas A&M.	Forest Service will provide appropriate personnel to complete fire assistance and/or suppression implementation planning, or other emergency response and coordination planning in support of	FEMA response operations, ESF it responsible for providine As directed by and in coordination with FEMA and feast A&M Forest Service will provide appropriate personnel to complete fire assistance and/or suppression implementation planning, or other	enneigency response and condination planning in support of FEMA resonse operations. Additional and additional additionad	response operations for a high-water or flood event. Adjusted by and in coordination with FEMA, USGS will provide advance support, real-time field measurements, and daily reporting of water.	holghts in direct support and for situational awareness of FEMA acceptes one enabling for a hier-water or flood of situations for a hier-water or flood of situations of directed by and in coordination with FRMs, —USSS. Wegencyl will conduct permanent Federal agency personnel for exclude temporary hirss of the other DNS secrices willing to	deploy for a field assignment to supplement DHS/FEMA's disaster response and recover efforts. Actioned by and in coordination with FEMA,USSS	eleptor for a filed assignment to supplement DHS/FENA's disaster resconse and ecovery efforts. As directed by and in coordination with FENA,USSS /Agency will provide permanent Federal agency personnel (to exclude termonary hires of the other DHS agencies) willings to deploy for a field assignment to supplement DHS/FENA's disaster deploy for a field assignment to supplement DHS/FENA's disaster	Adjusted by and in coordination with FRAA, Customs and Advected by and in coordination with FRAA, Customs and Border Protection will provide appropriate personnel to the U.S. Vijin islands to support FRAA response operations. Funding for CEP command center(s), if authorited by FEAA, will be provided.	Addirected by and in coordination with FRNA, the US Customs. Addirected by and in coordination with FRNA, the US Customs Border Protection (CBP), All and Marine Operations (ANO) will provide transportation of personel and/or cargo, and support of search and rescue operations using marine and air assets, in support of FKNA rescones operations in the US VIETED tablasts for Addirected by and in coordination with FKNA, United States	Army Corps of Engineers will provide appropriate personnel to the U.S. Virgin Islands to support FEMA response operations. Eunding for 115ACF if authorized by FEMA will be provided under
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188	3	USFS	usFs	USGS	USGS	SSSO	USSS	USSS	CBP	GB _P	COE-SAD
71/06/50	1101100	09/22/17	09/22/17	08/26/17	09/28/17	08/26/17	71/01/60	10/11/17	09/08/17	09/08/17	09/08/17
09/20/17	i lorio	09/22/17	09/22/17	08/26/17	71/82/60	08/26/17	09/10/17	10/11/17	71/80/60	09/08/17	51/80/60
HURRICANE HARVEY		HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE HARVEY	HURRICANE IRMA	HURRICANEIRMA	HURRICANEIRMA
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4332DRTXUSF50601		4332DRTXUSFS0602	241099 4332DRTXUSF50700	Z36609 4332DRTXUSGS0100	4332DRTXUSGSO101	236552 4332DRTXUSS0100	43320RTXUSSSO101	4332DRTXU5SS0102	238587 4335DRVICBP0100	238649 4335ORVICBP0200	238627 4335DRVICOE-SAD0100
240522		241068	241099	236609	242058	236552	238891	243092	238587	238649	238627

09/13/17 09/13/17
09/21/17 09/21/17 COE-SAD
09/29/17 09/29/17 COE-SAD
10/15/17 10/15/17 COE-SAD
09/14/17 09/14/17 COE-SAD
09/15/17 09/15/17 COE-SAD
10/15/17 10/15/17 COE-SAD
09/09/17 09/09/17 COE-SAD
09/26/17 09/26/17 COE-SAD
10/15/17 10/15/17 COE-SAD
09/09/17 09/09/17 COE-SAD

239015	4335DRVICOE-SAD0501	5	HURRICANEIRMA	09/13/17	09/13/17	COE-SAD	m	As directed by and in coordination with FEMA, USACE will provide temporary power support assets for emergency power generation to the affected area in support of FEMA response	10/9/2017	8	DFA
239837	433SDRVICOE-SAD0502	5	HURRICANE IRMA	09/14/17	09/14/17	COE-SAD	m	operations. System will be returned to the Distribution Center (DCI/Remote As sites will be setumed to the Distribution Genter (DCI/Remote As directed by and in coordination with FFMA, USACE will provide improve you support sets as support as the or emperator power. generation to the affected area in support of FEMA response	10/9/2017	\$1,000,000	DFA
241138	433SDRVICOE-SAD0503	>	HURRICANE IRMA	09/22/17	09/22/17	COE-SAD	m	operations. Sasts will be returned to the Distribution Center (DCI) Remote A directed by and in coordination with F2MA, USACE, will provide the memorary power support assets for nemegracy power. Remeration to the affected area in support of FRAA resolose	10/17/2017	\$1,000,000	OFA
244500	4335DRVICOE-5AD0504	>	HURRICANE IRMA	10/15/17	71/51/01	COE-SAD	m	operations. A start will be returned to the Distribution Canter ICC/Plemote A start will be returned to the Distribution Canter ICC/Plemote A start will be returned to the Distribution with Falix, VSACE will provide timporary power supports active or emergency power generation to the affected area in support of FEMA response	11/20/2017	8	DFA
245338	4335DRVICOE-5AD050S	5	HURRICANE IRMA	10/25/17	10/25/17	COE-SAD	м	Assets will be extrined to the Distribution, Center (ICC)/Remote Assets will be extrined to the Distribution, Center (ICC)/Remote As directed by and in coordination with EBAN, USACE will provide temporary power support assets for emergency ower employed to the affected area in support of FBAN response.	11/27/2017	\$1,100,000	DFA
238831 4335	28883, 4335DRVICOE-SAD0600	5	HURRICANE IRMA	71/60/60	71/60/60	COE-SAD	m	operations. Assets will be returned to the Distribution Center (DCI/Remote As requested by the State/Territory/Title and in coordination with FEMA, JUSCE will active and deploy the Desire PHT to coordinate and execute all necessary actions associated with	10/9/2017	000'000'5\$	DFA
239034	4335DRVICOE-SAD0601	5	HURRICANE IRMA	71/81/60	71/81/60	CDE-SAD	rr)	debris clearance, removal, and/or disposal site management from oublic porcopy. In the afficiency / Tithe and in coordination Assequenced by the Saraf Fertrory/Tithe and in coordination with Fishy. Lock Ewil astaches and deploy the Debris PRT to coordinate and execute all necessary actions associated with	10/7/2017	8	DFA
243641	4335DRVICOE-SAD0602	5	HURRICANE IRMA	10/10/17	71/01/01	CDE-SAD	eo	debris clearones, removal, and/or disposal site management from bublic protects in the affected of a requested by the State! Perritory/Tribe and in coordination with FEMA, USACE will activate and deploy the Debris PRT to coordinate and execute all interesting values associated with debris cleaning command and/or disposal representations.	10/8/2017	0\$	DFA
244452	4335DRVICOE-SAD0603	5	HURRICANE IRMA	10/15/17	10/15/17	COE-SAD	m	coults creatives, critically, analysis to possible control to the	11/9/2017	S	DFA
238984 4335	238984 4335DRVICDE-SAD0700	5	HURRICANE IRMA	09/11/17	09/11/27	COE-SAD	eñ	bublic grospert, in the afforces of a directed by and in cooling to the form of Engineers (USACE) will provide the Infrastructure Assessment (IA) PRT to conduct in infinial planning and preparedness efforts in support of FRAM response operations.	10/10/2017	\$110,000	FOS
240697	4335DRVICOE-5AD0701	>	HURRICANE IRMA	09/20/17	09/20/17	COE-SAD	π	Succost may induct the following: determine the need for As directed by and in coordination with FRAN, US Army Corp of Engineers (USACE) will provide the infrastructure Assessment (IA) PRT to conduct infinial planning and preparedness efforts in support of FRAN response operations.	10/10/2017	\$75,000	FOS

FOS	DFA	DFA	DFA	FOS	FOS	503	FOS	fos	Fos	FOS
8	\$100,000	\$300,000	(000'006\$)	\$250,000	8	\$1,200,000	(\$1,200,000)	\$1,200,000	\$110,000	000'86\$
11/20/2017	10/7/2017	10/15/2017	10/15/2017	10/10/2017	11/20/2017	9/16/2017	9/16/2017	10/31/2017	10/12/2017	10/12/2017
As directed by and in coordination with FEMA, US Army Corp of of Signees to USACE, will provide the infrastructure Assessment (IA) PRT to conduct initial planning and preparedness efforts in support of FEMA response operations, support of FEMA and in coordination with FEMA (SACE will provide the following datasets).	operations and the second control of the sec	memoral so that 2-211 minute over clust coupling. Neverther component through the Department of Defense activation process. All principles of action defended to accomplish this work must be conceiling white impracted territory and its electric power in order to provide this support. USACE will favire at an Openior Property members of the 28th Prince Power Teath Strategies and Deptoy members of the 28th Prince Power Teath Command.	component through the Department of Defense activation process. All pains of action detected to accomplish this work must be coordinated with impacted territory and its electric work with the defense of deferred by an in coordinated with Fight. (MSKE will a stratus and denote the Management Call of the Tamonomial activates and denote the Management Call of the Tamonomial.	Roofing Planning and Response Team (RRT) to prepare to conduct the temporary configuration in support of ERMA Response operations. The PRT Management cell may include ACI and other days and incoordination with FRMA (MACE will be ACI and an incoordination with FRMA (MACE will an anchore and denious the Management Cell and DEMONSTRATION AND ADMINISTRATION ADMINISTRATION AND ADMINISTRATION ADMINISTR	Acoding Jahannig and Response Team (RFT) to prepare to conduct the temperary for forming and Response Team (RFT) to prepare to conduct the temperary forming mission in support of RFM and temperary controllers and the response operations. The RFM Management cell maximide ACM Actives to by and in coordination with FEMA, USACE will provide ACM.	generation to the affected of the first property power in the property of the affected of the	generation to the affected representations on entargenty power in temporary for the affected search in support of FRAM response operations. Assets will be returned to the Distribution General DC/Remote Accept with the properties of the properties	generation to the affected representation or una gainty power, are an is support of FRAAA response operations. Assets will be returned to the Distribution Cervice IDCI/Remote Assets and design of the management or all of the Housing Pathonia artificate and design of the management or all of the Housing Pathonia artificate and design of the management or all of the Housing Pathonia Patho	and Response Team and/or subject matter expert(s) in special properties of the second security activities of the second security activities of the second security activities of the second sec	and Response Tean and/or subject native respect(s) in preparation for executing a critical public facilities mission in sunoon of FEMA resoonse operations.
m.	m	m	m	G	· o	m	m	m	۵	φ
COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD
10/15/17	09/12/17	71/11/60	09/25/17	09/12/17	10/15/17	09/12/17	09/13/17	11/08/17	09/12/17	09/20/17
10/15/17	09/12/17	71/11/00	71/52/60	09/12/17	10/15/17	09/12/17	09/13/17	11/08/17	71/21/20	09/20/17
HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE JRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA
\$	5	5	5	5	5	5	2	5	5	5
4335DRVICDE-SAD0702	238985 4335DRVICDE-SAD0800	238987 4335DRVICDE-SAD0900	4335DRVICDE-SADD901	239115 4335DRVICOE-SAD1000	4335DRVICOE-SAD1001	239343 4335DRVICOE-SAD1100	4335DRVICOE-SAD1101	4335DRVICOE-SAD1102	239378 4335DRVICOE-SAD1200	4335DRVICOE-SAD1201
244476	238985	238987	241584	239115	244498	239343	239679	246304	239378	240696

DFA	DFA	Fos	FOS.	S S	FOS	FOS	FOS	DFA	DFA	DFA
000'000'08\$	0\$	\$500,000	0\$	\$50,000	\$50,000	\$163,000	\$30,000	\$10,000,000	os	\$2,600,000
10/12/2017	12/15/2017	10/14/2017	11/15/2017	7102/1/2017	10/7/2017	7/2017	11/7/2017	9/21/2017	10/3/2017	10/31/2017
As requested by the Virgin Islands in coordination with FEMA, USACK will conduct the tamporary roding prisolon is apport of FEMA response operations. USACE will provide assistance to the DS-4335-VI (trigin Islands), Depoly responsive Roding Planning and Assistance of the Coordination o	CENTER OF THE STATE OF THE STAT	procure or instances of the special procure or instances of the special processing hardware and software), and/or unfiller, including precessary installation in paper of FEMA responses cognitives, before procuring or installation in support of FEMA Addicated by and in coordination, the FEMA, USACE, which is concluded or desired by and in coordination with FEMA, USACE, which is the procure of the FEMA of Secreted by and in coordination with FEMA, USACE, which is the special procure of the special processing or special proce	proute of inserts contacting the protection of t	moineau d'actually win polone applique againment une o.s. Virgin labada to support ERMA response operations. Funding for OCT commande americs), if authorized by FEMA, will be provided Under a segnante AMA. Response and incoordination with FEMA DOB will provide ACR quested by and incoordination with FEMA DOB will provide	a before brootlanding United (EUC), supporting state lement (DCE), and Services I cham, Many, Air Force, Makine, and US Cast Guard) Regions and State Foregraphy Management Offices or Guard) Regions to stoying the Presence of Cast of Services of Air requested by and Introduction with Fixed Management of Cast of Services of Air requested by and Introduction with Fixed Management of Cast of Services and Air requested by and Introduction with Fixed Management of Cast of Services and Services an	a periors. Considerating Microbia (EUG), supporting shall rememt (DCE), and Services (Anny, May, Air Force, Martine, and US Coast Guard) Regional and State Energency Management Offices or Air requested to carrier good to regional frequency and an analysis of the Air requested by and introordination with READ DWIII provide the control of the Air requested the Air and Air requested by and introordination with READ DWIII provide the control of the Air READ AIR	occurs, concommanding, control (2007), and con	monther important or distriction by the control of	manune francis se drassare operators appoint unitarios, but not limited to berthing its available), legistical movement of menegency spelles, aquipment, and sessonis, energiency trase and treatment, survivial its aims and temporary critical Az requested by and in coordination with EMA, Doo Will provide Maritime Patforms for classics operators succort in niculae.	but not limited to berthing (as available); logistical movement of emergency supplies, equipment, and personnel; emergency
w	ø		7	w	non-specific ESF	non-specific ESF	non-specific ESF	7	7	7
COE-5AD	COE-SAD	COE-SAD	COE-SAD	DHS-MGT	gog	000	DOD	QOQ	QOQ	QQQ
71/21/50	10/15/17	09/14/17	16/20/17	09/08/17	71/80/60	09/30/17	11/08/11	09/08/17	09/21/17	09/26/17
09/12/17	10/15/17	09/14/17	10/20/17	09/08/17	71/80/60	71/06/60	11/08/17	71/80/60	09/21/17	09/26/17
HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA
>	5	5	>	5	5	>	5	5	>	5
2394S2 4335DRVICOE-SAD3300	4335DRVICDE-SAD1301	239919 4335DRVIGOE-SAD1400	4335DRVICOE-5AD1401	238494 4335DRVIDHS-MGT0100	238559 4335DRVIDODOJ.00	4335PRVIDOD0101	4335PRVIDOD0102	238560 4335DRVIDOD0200	4335PRVIDODOZO1	4335DRVIDGD0202
239452	244501	239919	245031	238494	238559	242274	246861	238560	240812	241520

								As requested by and in coordination with FEMA, DoD will provide Maritime Platforms for disaster operations support to include,			
747302	4335DRV(DCD0203	5	HURRICANE IRMA	09/30/17	09/30/17	000	7	but not limited to berthing (as available), logistical movement of emergency supplies, equipment, and personnel; emergency trians and freatment currical beams and teamoracus critical.	10/31/2017	\$10,000,000	DFA
244762	4335DRVIDOD0204	5	HURRICANE IRMA	10/20/17	10/20/17	000	7	A requested by and in coordination with FeMA, both will provide Maritime Platforms for disaster operations support to include, but not limited to berthing (as available); logistical movement of management and arrangement of management and necronal-americal movement of management and necronal-american movement of management and necronal-american	11/30/2017	\$10,000,000	DFA
238567	238567 4335DRVIDODO300	5	HURRICANE IRMA	71/80/50	09/08/17	gog	as	triace and treatment, surficial teams and temporary critical statement surficial teams and temporary critical statement of release and treatment of release and the configure appropriate personnel and equipment in order to another PM operations to move maximum of Soft patients per day U.S. Transcorptions from examinum of Soft patients per day U.S. Transcorption from examinum of Soft patients per day U.S. Transcorption from examinum of Soft patients per day U.S. Transcorption from examinum of Soft patients per day.	9/14/2017	\$6,000,000	FOS
238597	238597 4335DRVIDGD6400	>	HURRICANE IRMA	09/08/17	09/08/17	gog	w	As directed by and in coordination with FBNA, Dept of Defense TODD will provide imagery support via air/land for damage assessments and/or situational awareness in support of FEDERAL response operations to Hurricane Irma.	9/15/2017	\$560,000	FOS
241544	4335DRVIDOD04D1	5	HURRICANE IRMA	09/25/17	71/52/50	god	'n	As directed by and in coordination with FEMA, Dept of Defense CODO will provide mapery support via all'iland for damage assessments and/o situational awareness in support of FEDERAL response operations to Hurricane Irms.	10/31/2017	\$1,200,000	FOS
238830	Z38830 4335DRVIDODO500	>	HURRICANE IRMA	09/09/17	71/60/60	000	7	As requested by and in coordination with FBMA and the DOD will provide medium filt rotany-will gar graft filt support from approximately 16 SEP - 30 SEP 37. Required capability is to provide transportation of 200 FBMA and Federal Teams between	9/30/2017	\$3,000,000	Fos
238964	238964 4335DRVIDOD0700	>	HURRICANE IRMA	09/11/17	09/11/17	000	15	Not wand St Inowas in support of inter issuad all Bridge. Unit and additionable of provide Civil Authorities information Support (CAIS) to distribute emergency messages in support of FRMA Region if response operations. DOD is responsible for providing personnel and/or euronment in exessant to accomplish the mission.	10/10/2017	\$1,038,000	FOS
239121	239121 4335DRVIDODO800	5	HURRICANE IRMA	09/11/17	09/11/17	gog	7	As directed by and in coordination with FEMA, Dept of Defense (DOD), will provide transportation of personnel (non-medical patients) and/or cargo, in support of FEMA response operations.	10/7/2017	\$15,000,000	505
239131	239131 43350RVIDoDO900	5	HURRICANE IRMA	09/11/17	09/11/17	goq	,	Provide aircart/vehicles and personnel to accomplish aeria/ground imaging, aerial/ground communications support, transportation of personnel/light cargo, and ground team support Immediately post Indiedra provide dange assessment and once a virtual of the art of th	7102/7/01	\$40,000	FOS
239233	239233 4335DRVIDOD1000	5	HURRICANEIRMA	09/13/17	09/13/17	000	7	Provide USAC permissions and system operators required to operate the MIL suite of equipment aboard the ship in direct support of approx. 325 embarked FUAA Responders. This MIL communication supplement reduces the SA WRIGHT as not enumerate behaviors to the 2 A Assister Assistant when a not enumerate behaviors to the 2 A Assistant Assistant when a not enumerate the content of the 2 A Assistant Assistant and a not a second and a second and a second and a not a second and a second a second a not a second a secon	7,102/7/01	\$25,000	FOS
239282	239282 433SDRVIDOD1100	5	HURRICANE IRMA	09/12/17	09/12/17	gog	œ	As requested by and in coordination with FEVA and HHS, DoD will establish. The both and the sequence of the se	10/7/2017	\$2,000,000	DFA

								As requested by and in coordination with FEMA and HHS, DoD will establish, staff, and operate DoD deployable temporary			
242204	4335DRVIDOD1101	5	HURRICANE IRMA	71/62/60	71/62/60	900	œ	medical treatment facilities that are equivalent to HHS Level 1 or il	11/7/2017	\$	DFA
								racinities for medicany treat disaster victims in and around the Usivicin Islands. This primarily includes Scheider Regional Medical As requested by and in coordination with FEMA and HHS, DOD will other link from an account Don Analoushis transformer.			
243687	4335DRVIDOD1102	š	HURRICANE IRMA	10/10/17	10/10/17	DOD	80	medical treatment facilities that are equivalent to HHS Level 1 or II	11/7/2017	\$14,500,000	DFA
								facilities to medically treat disaster virtims in and around the US Virein islands. This orimaniv includes Schneider Regional Medical As requested by the US Territory of US Virgin Islands and in coordination with FRMa and the US Denartment Health and			
239285 43	239285 4335DRVIDOD1200	5	HURRICANE IRMA	09/12/17	09/12/17	gog	\$	Human Services (HHS) ESF-8, DOD will provide staff and operate a deployable surgical treatment facility to provide emergent life	10/17/2017	\$1,000,000	DFA
								and limb saying surgical care interventions and stabilization for As requested by the US Territory of US Virgin Islands and in coordination with FFMA and the US Department Health and			
242162	433SDRVIDOD1201	5	HURRICANE IRMA	09/29/17	71/62/60	gog	50	Human Services (HHS) ESF-8, DOD will provide staff and operate a	11/7/2017	ŝ	DFA
								deployable surgical treatment facility to provide emergent life and limb savine sureical care interventions and stabilization for As requested by and in coordination with FEMA, DOB will provide for Rinkhana as a FEMA federal Stabine Area (FAM to sunnor			
239342 43	239342 4335DRVIDOD1300	5	HURRICANE IRMA	71/21/60	09/12/17	gog	7	the staging of Federal response teams and equipment (incident	9/23/2017	\$100,000	505
								Management Team (IMAT), Fuer Trucks, relief supplies, Disaster Management Assistance Team As requested by and in coordination with FEMA, DoD will provide			
241400	4335DRVIDOD1301	*	HURRICANE IRMA	09/24/17	09/24/17	DOD	7	Fort Buchanan as a FEMA Federal Staging Area (FSA) to support the staging of Federal response teams and equipment (Incident	10/7/2017	Ş	FOS
								Management Team (IMAT), Fuel Trucks, relief supplies, Disaster Management Assistance Team			
								As requested by and in coordination with remid and car # 9, the DoD will provide medium lift rotary wing aircraft in support of			
239347 43	239347 4335DRVIDOD1400	5	HURRICANE IRMA	71/21/60	09/12/17	gog	os.	search and rescue operations from approximately 09/07/17 to 09/14/17. Operations will be conducted in and around US VI.	9/14/2017	\$100,000	50 <u>.</u>
								Necessary C2. maintenance personnel and subolies, fuel, and As requested by and in coordination with FEMA, the DoD will			
239721 43	239721 4335DRVIDOD1700	5	HURRICANE IRMA	09/14/17	09/14/17	gog	7	provide an airfield management and commodity distribution element at \$t Thomas and \$t. Croix airports.	10/7/2017	\$400,000	FOS
								Airfield management and commodity distribution to occur from			
								on or around 07 September 2017 to 07 October 2017 or until As requested by and in coordination with FEMA, the DoD will			
240141	4335DRVIDOD1701	5	HURRICANE IRMA	71/17	71/12/60	QOQ	7	provide an airfield management and commodity distribution element at St Thomas and St. Croix airports.	10/3/2017	8	FOS
								Airfield management and commodity distribution to occur from on or around 02 Sentember 2017 to 02 October 2017 or until			
								As requested by the Territory of the Virgin Islands and in coordination with FEMA, DOD provide Prime Power Lineman to			
241568 43	241568 4335DRVIDOD180¢	>	HURRICANE IRMA	09/25/17	09/25/17	DOD	12	support the restoration of the power distribution system in the Virgin Islands. All place of artion desired to accomplish this work	10/24/2017	\$320,000	DFA
								must be coordinated with impacted territory and its electric DOD will provide Dobbin Air Reserve Base, Atlanta Georgia and			
240340 43	240340 4335DRV(DOD1900	>	HURRICANE IRMA	09/18/17	09/18/17	gog	7	support as a FLSF.	9/23/2017	\$500,000	FOS
								Initial installation requirements may include, but are not limited			

õ	Fos	Fos	Fos	20 <u>7</u>	DFA	DFA	DFA	FOS	Š.	SQ.
8	9,	90	\$50,000	\$150,000	\$3,000,000	\$3,000,000	(000'000'5\$)	\$50,000	\$200,000	\$3,900,000
9/24/2017	10/14/2017	10/28/2017	10/7/2017	10/31/2017	10/7/2017	10/31/2017	10/31/2017	71/2017	11/30/2017	11/12/2017
DOD will provide Dobbin Air Reserve Base, Atlanta Georgia and Support as a FTSF.	Initial installation requirements may include, but are not limited DOD this following: DOD this following: DOD this provide bobbin Air Reserve Base, Atlanta Georgia and support as a FTSF. This include include to the provide policy include, but are not limited to the following rooks bobbin Air Reserve Base, Atlanta Georgia and DOD will provide bobbin Air Reserve Base, Atlanta Georgia and	supportes a rise. Initial installation requirements may include, but are not limited to the followine: As directed by and in coordination with FRAM, Operatment of Fermi will rounds according measurement of the LE Virgin	List of the command cannot be proposed to the command cannot for the command cannot for the response operations. Funding for DOE of command cannot for the cannot cannot for the cannot fo	islands to support FRMA response operations funding for DOE command extensity. If authorized by FRMA, will be provided under a seoparte MA. Activate and deboy the u.Q. Department of Energy Western Area Power Administration Planning and Response Team (PRT).	Provide emergency power restoration to the US Virgin Islands, as directed by FBMs. All jisns of action must be coordinated with the impacted Territors and its electric cullity the USIV Water and Activate and delegibly the US Ossertiment of Energy Western Area Power Administration Planning and Response Team (PRT).	Provide emergency power restoration to the US Virgin Islands, as directed by FAAA. All plants of Action must be coordinated with the impacted Territory and its electric cullity, the USVI Water and Exchange and Exercising the USVI Water and Power Administration Planning and Resconse Team (PRT).	Provide emergency power restoration to the US Virgin Islands, as directed by FixA. All plans of settion must be coordinated with the impacted Territory and its electric cullity, the USVI Water pd As directed by and in coordination white FixA. Department of Transportation will provide personnel to the U.S.	Virgin Islands to support FEMA response operations. Funding for DOT command remet(s), if authorized by FEMA, will be provided under a separate MA. As directed by and in coordination with FEMA, Department of Transportation will provide appropriate personnel to the U.S.	Virgin Islands to support FERAN response operations. Funding for DOT command enter(s), if authorized by FERAN, will be provided under a seasonate MA. As directed by and in coordination with FENA, Dept of Transportation, DOT/MARAD will provide sings as a fooding.	housing facility, billeting, meals, ship board support services for FIMA approval personnel; and such other related services. MARAD and FEMA ioint deem necessarv, as approved
-		,	12	12	17	12	12	н	н	7
000	QQQ	goq	DOE	DOE	DOE	DOE	DOE	100	D01	TOQ
09/24/17	71/22/17	10/08/17	71/80/60	71/91/60	71/61/60	09/29/17	09/30/17	09/08/17	09/16/17	09/13/17
09/24/17	71/25/17	10/08/17	09/08/17	71/91/60	09/13/17	09/29/17	71/08/60	71/80/60	09/16/17	09/13/17
HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANEIRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANETRMA	HURRICANE IRMA
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TOETGOGIANGEEFF		4335DRVIDOD1903	238589 4335PRVIDOE0100	4335DRVIDOE0101	239719 4335DRVIDOE0300	4335DRVIDOE0301	4335DRVIDOE0302	238468 4335DRVIDOT0100	4335DRVIDOTO101	239465 4335DRVIDOT0200
241448	241621	243570	238589	240217	239719	2423.44	242476	238468	240152	239465

5	HURRICANE IRMA 10/21/17	7 10/21/17	100	7	As directed by and in coordination with FEMA, Dept of Transportation, DOT/MARAD will provide ships as a floating housing facility, billeting, meals, ship board support	11/19/2017	\$	FOS
					services for FEMA approval personnel; and such other related services. MARAD and FEMA loint Geen necessar, as approved As directed by and in coordination with FEMA, Environmental Protection Agency (FEM will provide appropriate personnel to			
VI HURRICANE IRMA 09/08/17 09		09/08/17	EPA	10	EARLE 201 Highway 34 South, Colts Neck, NJ 07722 to support FEMA response	10/7/2017	\$100,000	FOS
VI HURRICANE IRMA 10/15/17 10/:		10/16/17	ЕРА	, 01	degeations, degeations and in coordination with FEMA, Environmental Protection Agency (FPA) will provide appropriate personnel to EARE 201 Highway 34 South, Colis Meck, NI 07722 to support FEMA response 34 South, Colis Meck, NI 07722 to support FEMA response	7102/16/01	0\$	FOS
VI HURRICANE IRMA 09/08/17 09/		09/08/17	EPA	10	As directed by and in coordination with FENA, Environmental Protection Agency (EA) will conduct prefirminary assessment of oil and haardious studismore releases and storm impacted infrastructure within may pose a hireat to federal responders, as	9/30/2017	\$508,000	FOS
VI HURRICANE RMA 09/24/17 09		09/24/17	EPA	10	We are a environmental harm. As therefore by and in coordination with FEMA, Environmental protection Agency (FEA), will conduct preliminary assessment of oil and hazardous substance releases and storm impacted infrastructure which may pose a threst to federal responders, as	10/31/2017	\$500,000	FOS
VI HURRICANE IRMA 10/16/17 10/		10/16/17	EPA	10	We are are incommental harm. We directed by and in coordination with FEVA, Environmental protection Agency (FEA) will conduct preliminary assessment of oil and hazardous substance releases and storm impacted infrastructure which may pose a threat to federal responders, as	11/30/2017	80	fos
VI HURRICANE IRMA 09/12/17 09/12/17		2/17	EPA	10	We disserved the properties of the properties of the provision of the provision Agrange (BA) will produce appropriate presonnel to FFMA BS RINC, EA RECC, Earle ECC, JiC, POA, and RM. Teams, or other teams and locations in response to Huritaine Irms in	9/16/2017	\$75,000	ROS
VI HURRICANE HMA 09/13/17 09/13/17		3/17	EPA	0f	Listing the state of the coordination with FBMA, Environmental bis directed by and in coordination (FBM MI) and experience the smooth (EBM MI) and experience for the STRCLE FBM RECC, Inc. p. Pob, and RMA Teams, or other teams and locations in response to Huritaine Irms in	9/16/2017	(\$75,000)	50
VI HURRICANE HMA 09/14/17 09/1		09/14/17	EPA	10	EPA will conduct cil and hazardous materias freid operations, including cleanup and disposal of hazardous materials and oil, and response to orphaned containers. These necessary actions will mights a settle and opcome intensis to paice intensis to paice in easiers. Pay Actions and selfers. Pay Act response may also include household hazard waste	10/13/2017	\$10,000,000	DFA
VI HURRICANE IRMA 10/12/17 10/12/17		2/17	ЕРА	10	EPA will conduct oil and hazardous materials field operations, including cleanup and disposal of hazardous materials and oil, and response to orphaned containers. These necessary actions will mitigate actual and protental threas to public health and saffers. EPA reasonse may also include household hazard waste	11/30/2017	0\$	DFA
VI HURRICANE IRMA 09/15/17 09/		09/15/17	EPA	10	EAA to provide appropriate personnel to support FEMA response poperations to the FEMA RECE, JFO, EPA RECOLD ECG, State EOG, and other coordination venues. This includes activity to prepare for othe -specific platforms for situational awareness:	10/14/2017	\$2,000,000	FOS

\$0 FOS	\$388,800 FDS	\$50,000 FOS	\$50,000 FOS	0,000 DFA	0,000 DFA	\$50,000 FOS	\$35,000 FOS	\$50,000 FDS	\$50,000 FOS	\$0 FOS
2				\$2,600,000	\$2,500,000				55.	
10/31/2017	11/8/2017	10/7/2017	10/7/2017	10/5/2017	10/6/2017	10/7/2017	9/29/2017	10/7/2017	9/8/2017	9/30/2017
EPA to provide appropriate personnel to support FEMA response operations to the FEMA REC. (Jo. E. 84 REC/III EOC., State EOC, and other coordination venues. This includes activity to prepare for site appendix plantoms for situational awareness; commonly and evidence of the situation of the situ	Protective Service (FP), ully provide appropriate physical security to support response and recovery operations in the Territory of the US Virgin Islands. Security of FEMA facilities will be based on the US Virgin Islands. Security of FEMA securities will be based on the US Virgin Islands. Security of FEMA securities and professes and professes and professes and securities will be based on the US Virgin Islands.	Administration (GSA) will drough expropriate personnel to Hurricane Irms to support ERAA response operation. A directed by and in conditionion with ERAA GSA will provide really nadio; contrarine support and the support of Administration of the support of the support of Administration of the support of Administration of the support of Administration of Administrati	Ear-Area (First)— an increase appropriate industrinsation in the Coordination feath (RCT) percented (11 to Western 2015 Most, N and (11) percent to the Cortisbean Area Division Office to summor FERM (12) percent to the Carlobean Area Division Office to summor FERM As disrected by an office operation with Fermi Area (All Information of the Fermi Fermi Arman Area (All Information of the Fermi Fermi Arman Arman Arman Arman (FET Command and Arman (FET Command Arman (FET Comman	Control staff, MOMS better Movement and teams. Control staff, MOMS better Movement and teams. DOMA's with their respective coches will be employed as mecssary to support for overall area acute care not landfull. As directed by and in coordination with Fight, Health & Human Country and their child chains and aeministry or formmous and	Service (First) your capitory interpret to Control (2017). Control (2017), Who May Debut Movement and teams: DAMT's wither respective caches will be employed as some season to support from the caches will respect to the cache of the cach	Sante en process populate personnel note de Jr. Vigni Islands to support FEMA response operations. Funding for the MAYS, if at total by FEMA response operations. Funding for the MAYS, and the confirmation with FEMA buttonal Cognetic Ad directed by and in condition with FEMA Mational Cognetic	exinoptice confinement in the processing and may include but in the little discussing, and distribution by the processing, and distribution bish resolution, as one technique and in the serve and/or As directed by and in coordination with Fish, US Cossis Guard Interface, unlimited to the Processing and the Cossis and the	Vext) will provide spiritually and spiritual s	Prefutiniary Damage Assessment (PDA) teams and/or Rapid Needs Assessment (RNA) teams to assess and occidinate emergency clanning for oil and MAZMA (response with As directed by and in goordination with FEMA, US coast Gard	(U.S.C.s) will activate the indiagement element of the Debris Preliminary Damage Assessment (FDA) teams and/or Rapid Needs Assessment (RNA) teams to assess and coordinate
10	13	^	∞	ω	σ	vı	υş	non-specific ESF	01	m
EPA	FPS	GSA	H S	H S	HHS	NOAA	NOAA	nsce	USCG	USCG
10/16/17	71/80/60	09/08/17	09/08/17	09/09/17	09/12/17	09/08/17	09/16/17	09/08/17	09/08/17	09/08/17
10/16/17	09/08/17	09/08/17	09/08/17	71/60/60	09/12/17	09/08/17	09/15/17	09/08/17	09/08/17	71/80/60
HURRICANE IRMA	HURRICANE IRMA	HURRICANEIRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANETRMA
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4335DRVIEPA0601	238673 4335DRVIF950100	239486 4335DRVIGSA0100	238469 4335DRVIHHSO100	238786 4335DRVIHHSO200	4335 DR VIHH50201	738604 4335DRVINGAAG100	239971 4335DRVINGAA0300	238500 4335DRVIUSCGO180	238568 4335DRVIUSCG0200	433SDRVIUSCG0201
244496	238673	238486	238469	238786	239114	238604	239971	238500	238568	238631

FOS	DFA	DFA	FOS	DFA	FOS	FOS	FOS	POS	SO .	FOS
(\$50,000)	\$0	\$14,188,000	\$2,500,000	\$500,000	\$50,000	\$\$0,000	ñ	\$50,000	\$2,500,000	os
9/30/2017	10/7/2017	10/7/2017	11/5/2017	10/7/2017	9/30/2017	10/7/2017	10/19/2017	10/7/2017	9/8/2017	9/23/2017
As directed by and in coordination with FEMA, US Coast Guard (USGG) will activate the management element of the debris Preliminary Damage Assessment (FDA) teams and/or Rapid Needs Assessment (RNA) teams to assess and coordinate emergency olaminar for oil and HAZ/MAT resconse with Coordinate of Stitescele by and in coordination with FEMA, US Coast Guard (USCG) will provide oil and hazardous material field response in	support of FEMA response operations. Find response activities may include the following powerflow expense activities, conducting damage assessment of oil/harmat waste inconducting of sirested by and in coordination with FEMA. US Coast Guard (USCs) will provide oil and hazardous material find response in	support of FBMs response operations. Field response activities may include the following: providing specialised apperties, conducting damage assessment of oil/parmet waste innoccident with FBMs. After USC of service of the conduction with FBMs. the USC coast Grand USCGI will provide transcortain of personnel and/or	cargo, and support of search and rescue operations using rotary wing assets, in support of FEMA response operations in US Virgin islands, editected by and in coordination with FEMA, US Coast Guard If IT of the unit monder oil and hazarden erranerial find resonate in IT of CI will monde oil and hazarden erranerial find resonate.	support of FEMA responses operations, frietd response activities may include the following: proteining specialized expertise, conducting damage assessment of addressed by and in coordination with FEMA, SC Coast Guard (1974) will activate the monotenesses from or the	oithnasedous materials (Preliminary Damage Assessment (PDA) oithnasedous materials (Preliminary Damage Assessment (PDA) et eran sand/or tapal Meetis Assessment (RML) learnt to assess and coordinate emergency opaning for oil and ALZMAT response and mortains merconnell no fine II. Virgini I dianet to simporoide annominists merconnell no fine II. Virgini I dianet to simporoid FMLA.	response operations. Funding for DOT command center(s), if an authorized by Edward Herbins (Son DOT command center(s), if a surface state of Edward Herbins (Son Edward Herbins) and Justice state of exceptions must be econ	of 4,000 Infants and Toddlers impacted by Huritains furns for a report of 2.1 40x. Support requirements will be forwarded to USDAFIOR in increments of 7 Davs are order. Requirement will be droveded to a directed by and in coordination with FIGNA Department of intere (TOI) will model a portionate and to the contract of the contract o	Islands to support FEMA representations. Funding for DDJ command senting light of DDJ command senting light authorized by FEMA, will be provided under a separate MA, are quested by and in coordination with FEMA, USD EST 33 Assistant Coordination.	in an annual concentration and the properties of the security than as referenced to provide the properties of the security than as referenced to provide the provide of the provide the properties of the properti	national continuation centre (mc.), witi provide aimes revortal alaw enforcement officers (FLEOS), Quick Response Teams (QRTS), or other security teams as required to provide force protection, security and general law enforcement succord and aborromiste.
m	01	10	٢	10	10	п	11	13	13	13
9250	USCG	USCG	USCG	USCG	USCG	USDA	USDA	rosn	USBJ	nzor
71/5/17	09/20/17	09/15/17	09/12/17	09/15/17	09/15/17	09/08/17	71/02/60	09/08/17	09/08/17	71/80/60
09/15/17	09/20/17	09/15/17	09/12/17	09/15/17	71/51/50	09/08/17	09/20/17	71/80/60	09/08/17	71/80/60
HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANETRMA	HURRICANEJRMA	HURRICANE IRMA	HURRICANEIRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA
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433SDRVIUSCG0202	239055 433SDRVIUSCG0300	239875 4335DRVIUSCG0400	239374 4335DRVIUSCG0500	239874 4335DRVIUSCG0600	239923 4335DRVIUSCG0700	238492 4335DRVIUSDA0100	240715 4335DRVIUSDA0200	238590 4335DRVIUSDJ0100	238574 4335DRVIUSDJ0200	43350RVIUSDJ0261
239960	239055	239875	239374	239874	239923	238492	240715	238590	238574	238648

240573	AASST AASSTIDVII ISDIDADO	5	AND CAME IONA	F1/0c/00	£1/90/90	25	2	As directed by and in coordination with FEMA, US Dept of Justice will provide Federal Law Enforcement Officers and supporting	100/0/01	900 000 63	ğ
		;	To the second se	1107/50	17/53/50		3	cernistics, resolutes to establish an emblocement respondent asso- cements, feel and operating costs for GOVs and mobile commend- vehicles supporting the operation, transportation costs for inter-	102/6/01	200,000,000	3
238628	238628 4335DRV USFS0100	5	HURRICANE IRMA	09/08/17	09/08/17	USFS	4	As directed by and in coordination with FRMA, United States Forest Service and the Department of Interior will provide appropriate personnel to the U.S. Virgin Islands to support FEMA	10/7/2017	\$50,000	FOS
239379	239379 4335DRVIUSF50200	5	HURRICANEJRMA	09/12/17	09/12/17	USFS	7	response operations, removing to Oxstylour, il administer by FEMA, will be provided under a senante MA. Addiented by and in coordination with FEMA, US ovest Service (AGS) will provide legistrial assistance to an incident Support Bass (ISB), redered Staging Area (FSA), or other logistics facility in	9/20/2017	\$500,000	FOS
239386	239386 43350RVIUSF50300	>	HURRICANE IRMA	09/12/17	09/12/17	uses	۲	support of FMA response operations. The assistance may include set up regerning the set of the set	9/28/2017	\$240,000	FOS
239367	239367 43360RPHCBP0100	g.	HURRICANEIRMA	71/21/50	09/12/17	CBP	~	of FEM. represent response and coordination planning in support of FEM. represent of PEM. represent the and in coordination with FEMA, Customs & Border Actineted by and in coordination with FEMA, Customs & Border appropriate (SP) Air and Marine Operations (AMO) will provide appropriate (BP).	9/30/2017	\$2,500,000	SQ.
238998	238998 4336PRPRCOF-SADO100	8	HURRICOANE	09/12/17	09/12/17	COE-SAD		aircraft, marine vessels, personnel, or any other assets to support the acetelourners/dealowment oversign for search and rescue. As directed by and in coordination with FEMA, United States Army Corps of Engineers will instruct appropriate personnel to Puerto Rico to support FEMA resonus constrains.	10/10/2017	\$250,000	5
239010	239010 4336DRPRCOE-SAD0200	£ £	HURRICANE IRMA	. 09/11/17	09/11/17	COE-SAD	n m	Users made to support training view by the provided under a separate MA. M. A cliected by and in coordination with FRMA, USACE will provide temporary power support asset for emergency power. generation to the affected area in support of FEMA response	10/10/2017	\$1,500,000	OFA O
240544	4336DRPRCOE-SAD0201	ď.	HURRICANE IRMA	09/19/17	09/19/17	COE-SAD	м	operations, assets will be estimated to the Distribution Center DC/Remore Storaes fait RSSI stock fully mission canable. ERMA detected by and in coordination with FRMA, USACE will provide temporany power support assets for emergency power generation to the affected area in support of FBMA response.	9/22/2017	\$500,000	DFA
239011	239011 4336DRPRCOE-SAD0300	e e	HURRICANEIRMA	09/11/17	71/11/60	COE-SAD	m	operations, Assets will be returned to the Ostrother Order Ostrother Ostroth	10/10/2017	\$5,000,000	DFA
243255	Z43255 4336DRPKCOE-SADD600	ж.	HURRICANE IRMA	10/08/17	10/08/17	COE-SAD	m	about probethy me a selection than stress. The short for this provide a directed by and in condition with TENA, USATE will provide semporary power support assets for emergency power generation to the affected area in support of FEMA response operations.	10/15/2017	\$3,600,000	FOS
240560	240560 4336DRPRDHUD0100	ĸ	HURRICANE IRMA	09/21/17	09/21/17	дпна	ų	As directed by and in coordination with FEMA, Housing & Urtan Development (HUD) will provide appropriate personnel to NRCC and other locations as directed by FEMA to support FEMA	10/15/2017	\$15,000	FOS

\$360,000 FOS		\$75,000 FOS	\$30,000 FOS	\$30,000 FOS	\$300,000 DFA	\$10,000,000 FOS	\$10,000 FOS	\$50,000 FOS	\$20,000 FOS	\$100,000 FOS	\$35 MM
11/15/2017		10/10/2017	10/10/2017	10/10/2017	10/13/2017	10/3/2017	10/5/2017	10/10/2017	10/12/2017	10/10/2017	7105/01/01
In accordance with the National Disaster Recovery Framework (NDRF), activation of the Economic RSF to provide federal coordination with the appropriate Recovery Support Function	(RSF) primary and support agencies and organizations as well as other Federal asserties. State and rovides section partners; as As requested by and in coordination with FEMA, Dob will provide a Defense Coordinating Officer (DCO), Region 11 and Region V	supporting staff element (DCE), and Services' (Army, Nawy, Air Feere, Marine and LS Coast Guard Regional and State Emergency Preparedness Laison Officers (REP,Co. and ESPLOS) to Emergency Preparedness Laison Officers (REP,Co. and ESPLOS) to a Cepting Coordinating Officer (DCO). Resion II and Resion V	supporting staff element (DCE), and Services (Army, Navy, Air Porce, Manner and US Coast Cauself Regional and State Forence, Presented and US Coast Coast (REPO, and and State Ast requested by and in coordination with Fishel, DoD Will provide a Defense Coordinating Officer (DCD), Region I and Region V	supporting staff element (DCE), and Services' (Army, Naw, Air Force, Mante and US Coast Chardf Regonal and State Emergency Prepared has been consistent of the SPEO, S	affected by iturricane tima for a period of initally 30 days. PRERMA confirm that such capitities are not available in any State Agencies or Private Business. As requested by and in coordination with FEMA, Dot will provide Maritime Patforms for disaster coerations subsort to include.	but not limited to barthing (as available); logistical movement of energency supplies, equipment, and personnel; enregency trages and treatment, surficial teams and termograv critical and enter the facilities of entering the and in coordination with FRM, DOO will provide anomarines executed in continuor the facilities.	Coordination Group (FSARCG), providing planning and coordination sessionare to ESF-9 Search and Rescue at College Station. TKRRCL (MAT, IEO) or Managed Station. TKRRCL (MAT, IEO) or Managed Station. TKRRCL (MAT, IEO) or Managed Station. The Station of S	support FEMA response operations. Fundine for DOE command center(s), if authorized by FEMA, will	De Department of briefly will overled by Literaphords and power grid Avils to Region 2 RRCC, JFO, JMAT and other location as a approved by FEMA in support of Hurricane irma energy sector response in Puerto Rico.	As directed by and in coordination with FBMA, Environmental Protection Agency (FBM, will you'de appropriate personnel to EARLE 2011 Highway 34 South, Colst Neck, N 07722 to support FEMA response operations, Funding for EPA command center(s) is anthorized.	As directed by and in coordination with FEMA, Environmental Protection Agency (EPA) will provide appropriate personnel to
RSF		non-specific ESF	non-specific ESF	non-specific ESF	v.	^	מ	12	12	10	
00		000	000	000	909	000	000	DOE	90E	EPA	
09/16/17		09/11/17	09/25/17	09/30/17	09/14/17	09/19/17	71/61/60	09/12/17	09/12/17	09/11/17	
09/16/17		09/11/17	09/25/17	09/30/17	09/14/17	09/19/17	09/19/17	09/12/17	71/21/50	71/11/60	
HURRICANEIRMA		HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANEJRMA	HURRICANEJRMA	HURRICANE IRMA	
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240180 4336DRPRDOCC0100		239019 4336DRPRDOD0100	4336DRPRDOD0101	4336DRPRDOD0102	239811 4336DRPRDOD0500	240383 433EDRPRDOD0600	240458 433EDRPRDOD0700	238999 4336DRPRDOE0100	239368 4336DRPRDOE0200	238995 4336DRPREPAD100	
240180		239019	241515	242303	239811	240383	240458	238999	239368	238995	

								As directed by and in coordination with FEMA, Environmental			
244510	4336DRPREPA0102	æ	HURRICANE IRMA	10/16/17	10/15/17	EPA	10	Frontal Agency (FFA) will provide appropriate personner to EARLE 201 Highway 34 South, Colts Neck, NJ 07722 to support.	10/31/2017	\$0	FOS
								FEMA response operations. Funding for EPA command center(s) is authoritized. Is a directed by and in coordination with FEMA, Environmental			
239381	239381 4336DRPREPA0200	8	HURRICANE IRMA	09/12/17	09/12/17	EPA	10	Protection Agency (EPA) will conduct preliminary assessment and reconnaissance of oil and hazardous substance releases,	9/30/2017	\$508,000	FOS
								contaminated debris, and storm impacted infrastructure which may cose a threat to federal responders, as well as As directed by and in coordination with FEMA, Environmental			
241433	4336DRPREPA0201	P.	HURRICANE IRMA	09/24/17	09/24/17	EPA	10	Protection Agency (EPA) will conduct preliminary assessment and reconnaissance of oil and hazardous substance releases, contaminated debric and storm imparted infrastructure which	10/31/2017	\$500,000	FOS
								may loose a threat to Federal resoonders, as well as As directed by and in coordination with FeMs, Environmental Protection Agency (EPA) will provide appropriate personnel to			
239415	239415 4336DRPREPAG300	er d	HURRICANEIRMA	09/12/17	09/12/17	EPA	10	FEMA R2 RRCC, DA DEOC FEAT EACH IED DIA and DAIA Tanne or other teams	10/12/2017	\$75,000	FOS
						,		The new York Court of the State			
240562	240562 4336DRPRFAA0100	£	HURRICANEIRMA	09/19/17	09/19/17	FA	T.	in support of FEMA response operations.	10/5/2017	\$10,000	FOS
£956£¢	эзаада дзабрврвскуго	α α	A MOI SUN A MOI	71/21/00	21/31/30	ğ	Ę	Funding for FAA command center(s), if authorized by FEMA, will At the direction of and in coordination with FEMA, federal Protective Service (FPS) will provide appropriate physical security in connect.	11/8/2017	og og e	č.
	00700 - 84 1800000	=		11 (21 (2)	110160	2	3	to support responsed recovery operations in Puerto Rico. Security of FEMA facilities will be based on FEMA security standards, policies As directed by and in coordination with FEMA, General Services	100/0		3
239020	239020 4336DRPRG5A0100	æ	HURRICANEIRMA	09/14/17	09/14/17	GSA	۲	Administration (GSA) will provide appropriate personnel to Hurricane irma to support FEMA response operations with leasing support and other requirements in Puerto Rico.	10/11/2017	\$25,000	Fos
239359	239359 4336DRPRG5A0200	æ.	HURRICANEIRMA	09/12/17	09/12/17	GSA	7	As directed by and in coordination with FEMA, General Services Administration (GSA) will provide a ppropriate personnel to RRCC/ Naval Weapons Station Earle and other locations within Puerto Rich to support FEMA resonte operations.	10/6/2017	\$10,000	FOS
								As directed by and in coordination with FENA, GSA will provide Provide definitive care at NDMS hospitals for patients from Hurricane Irma moved from affected areas by the National			
239364	239364 4336DRPRHHS0200	E.	HURRICANEJRMA	09/12/17	09/12/17	HHS	6 0	Disaster Medical System (NDMS hospitals for patients (NDMS). Care is to be provided by NDMS hospitals for patients reculated frouch activated Federal Coordinating Centers. ** EMS. 2. DMAT IRT? 2 MHTCE	10/8/2017	\$2,500,000	FOS
239404	239404 4336DRРКНН5О300	g.	HURRICANEIRMA	09/12/17	09/12/17	HHS	80	A directed by and in coordination with FEMA, Health & Human Services (HHS) will deploy personnel and equipment to augment Territory and local medical response resources.	9/20/2017	\$5,650,000	DFA
240463	240463 4336DRPRNCS0100	Œ	HURRICANE IRMA	09/19/17	09/19/17	NCS	7	As directed by and in coordination with FEMA, DHS Cybersecurity & Communications Center (CS&C) will provide appropriate personnel to NRCC, NCC and other locations as directed by FEMA	10/6/2017	\$40,000	FOS

240760	4336DRPRNCS0101	Œ	HURRICANE IRMA	09/20/17	09/20/17	S	~	As directed by and in coordination with FEMA, DHS cybersecurity & Communications Center (C&C) will provide appropriate personnel to NRCL, NIC and other locations as directed by FEMA to support FEMA response operations.	10/6/2017	\$40,000	Fos
242433	4336DRPRNCSO102	æ	HURRICANE IRMA	09/30/17	09/30/17	NCS	2	As directed by and in coordination with FEMA, DHS Cybersecurity Communications Center (CSAC) will provide appropriate personnel to NRCL, NCC and other locations as directed by FEMA to support FEMA response operations.	10/31/2017	\$40,000	FOS
239927 4	239927 4336DRPRNOAA0100	8	HURRICANEIRMA	71/51/20	71/51/60	NOAA	'n	Update to PR-17083101-NOAA-01 to increase funds from \$10k to \$18k to cover hotel/per diem costs. As directed by and in coordination with FEMA, National Oceanic and Armospheric Agministration (NOAA/Majional Westher.	9/30/2017	\$18,000	Fos
240374 4	240374 433EDRPRNPS0100	Ħ	HURRICANE IRMA	09/18/17	09/18/17	NPS	ø	an increase by an in coordination with February Assistant Pariss Service (NeS) will provide appropriate personnel to support the February Service and Rescue Coordination Group (FARACS), volvoling planning and coordination assistant to ESF-9 Search and Rescue at NRCC, RRCC, INAT, IFO, og other entities and	10/5/2017	\$10,000	FOS
239018 4	239018 433GDRPRUSCG0100	æ	HURRICANE IRMA	09/15/17	09/15/17	usce	01	as directed by and in coordination with FRMA, US cossis closed (USCG) will activate the management element of the oil/hazardous materials freliminary Damage Assessment (PDA) terms and/or Rapid Needs Assessment (RNA) teams to assess and coordinate generaterics distintive for oil length APA/APAI. Tesponse,	9/30/2017	000'05\$	FOS
239406 4	239406 4336DAPRUSCG0200	Œ	HURRICANETRMA	09/12/17	09/12/17	usce	m	As unitated by and in coordination with Tetha, Use Coast Quant (USCS) almages and an accomment element of the debtis Preliminary Damage. Assistment (PDA) teams and/or Rapid Needs Assistment (RNA) teams to a sisses and coordinate emergency planning to oil and teams to a sisses and coordinate emergency planning to oil and	9/30/2017	000'05\$	FOS
239917	4336DRPRUSCG0201	æ	HURRICANE IRMA	09/15/17	09/15/17	usce	m	So increase of your in coordination with reviva, Us Coast stuard (USCG) will excluse the management element of the debris Pretiminary Damage Pretiminary Damage Assarbment Poly teams and/or Rapid Needs Assarbment (RNA) Feart to Assars and coordinate a mercency cliaming froil and	9/30/2017	(000'05\$)	Pos
240538 4	240588 4335DAPRUSCG0400	æ	HURRICANE IRMA	09/20/17	11/02/60	0.506	10	As directed by and in coordination with FBMA, US Coast Guard will provide appropriate personnel to perform the functions of ESF #10 in the NRCC, and other teams & facilities as directed by FEMA, supporting FEMA response activities.	10/5/2017	\$10,000	FOS
238953 4	238953 4336DRPRUSDIDIOO	æ	HURRICANE IRMA	09/11/17	09/11/17	razu	13	Travel and overtime for activated ESF #13 staff at the NGC, NRCC and FCC. and FCC. and FCC. and travel and overtime for an initial estimated 100 federal law enforcement officers (FLEOs) organized into initially four (4) 25 This MA.covers: This MA.covers:	9/24/2017	\$1,500,000	DFA
239581	4336DRPRUSDJO101	æ	HURRICANE IRMA	09/14/17	09/14/17	usa	13	Traval and overtime for activated ESF #13 staff at the NCC, NRCC and FCC. Towel and overtime for an initial estimated 100 federal law and organized representations of the PSF FIRST PSF	9/24/2017	(\$1,500,000)	DFA
239623 4	239623 4336DRPRUSDJ0200	Æ	HURRICANE IRMA	09/13/17	09/13/17	nso	13	Travel and overtime for activated ESF #13 staff at the NCC, NRCC and FCC. Travel and overtime for an initial estimated 100 federal law anforcement officers (FLEOs) organized into initially four (4) 25	9/24/2017	\$2,000,000	FOS

FOS	FOS	FOS	Fos	fos	FOS	FOS	DFA	FOS	FOS	FOS
\$10,000	\$200,000	\$700,000	8	0.00′005\$	\$10,136,000	°S	\$100,000	\$2,200,000	\$100,000	\$15,000
10/5/2017	10/30/2017	7102/22/2012	12/31/2017	10/3/2017	10/27/2017	12/31/2017	10/3/2017	9/30/2017	10/15/2017	9/23/2017
As directed by and in conclination with FEMA, Department of traine (DOJ) will provide appropriate personnel to NRCC, and other teams and froilities as directed by FEMA, to support FEMA response operations.	As directed by and in coordination with FEMA, USGS will provide above support, teat-time field measurements and daily reporting of water height in direct support and for situational awareness of FEMA response operations for high-water or flood	evelent. As directed by and in coordination with FEMA, the United States Agency for international Development (USAID) will provide permanent Federal agency personnel (to exclude temporary hitse of the other DNS agencies) willing to delipely for a field assignment to stoolement PIS/FEMA's also assignment.	Agency for International Development (USAID) will provide permanent Federal agency personnel (to exclude temporary hires of the other DMS agency will the tope of the other DMS agencies) willing to deploy for a field assignment and retain the fet with the control of the contro	Request (20' Pro provide medium and light (in Centy wing and fleed wing assets to provide support to Federal mission requirements for passenger, commodity, equipment serial transportation, STA, IZ, and full mission high definition on other as requested within casual littles, All our (phase; and exegnedity expenditives).	As directed by and in coordination with EMM, CBP will provide permanant Federal agency personnel (to exclude temporary hires of the other DMS agencies) willing to deploy for a field assignment to supplement DMS/FEMA's disaster response and recovery	efforts. As directed by and in coordination with FENA, CBP will provide permanent Federal agency personnel (to exclude temporary hires of the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FENA's disaster response and recovery advance.	Request CBP to provide medium and light rotary wing and fixed wing asset to provide support to State mission requirements for passenger, commodity, equipment aerial transportation, or other as requested within capabilities. All gurchases and proenditures must be goordinated with FEMA.	as success by Franks and requested by 50.50, by will groupe boats with crews to USGS Sector Key West for 24-hour waterside security, Crews will receive patrol tasking directly from Sector Key West, Cost sequence based on CS Sandard Rates List within Mest, Cost sequence based on CS Sandard Rates List within any rate for COS Mandard Rates List within	As directed by and in coordination with FEMA, CBP will provide appropriate personnel to NRCC and other locations as directed by FEMA to September 1990. September 1990 of the September 1990 of the September 1990 or and appropriate by FEMA will Additionally and in coordination with FEMA connection for Additional PEMA connection for the September 1990 or and other 1990 or	National Community Service (CNCS) will provide appropriate personnel to FEMA operations in response to Hurricane Irma.
13	ľ	ιń	и	~	in.	v	~	13	E	non-specific ESF
nsb)	USGS	AID	ΑίΟ	CBP	GB	CBP	CBP	CBP	CBP	CNCS
71/61/60	09/29/17	09/18/17	71/70/01	71/21/50	09/13/17	10/07/17	09/14/17	71/71/20	09/19/17	09/11/17
09/19/17	71/62/50	09/12/17	10/07/17	71/11/10	09/13/17	10/07/17	71/11/00	71/11/60	71/81/20	71/11/60
HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANEIRMA
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240598 43360RPRUSDJ0300	242066 4336DRPRUSGS0100	239196 43370RFLAID0100	243188 4337DRFLAID0101	239529 43370RFLC6P0100	239614 4337DRFLCBP0200	Z4319Z 4337DRFLCBP02D1	239801 4337DRFLCBP0300	240279 4337DRFLCBP0400	240351 4337DRFLCBP0500	239105 4337DRFLCNCS0100

Fundine for CNCS command center(s). if authorized by FEMA. will

DFA	DFA	DFA	DFA	DFA	DFA	Fos	δ	FOS	FOS	FOS
\$400,000	o\$	9\$	\$1,000,000	0\$	8	000'06\$	0\$	\$100,000	\$1,100,000	\$1,000,000
5/15/2017	10/18/2017	10/18/2017	10/18/2017	11/18/2017	12/18/2017	12/1/2017	12/18/2017	11/30/2017	10/10/2017	11/30/2017
Adjusted by and in coordination with FBMA, Corporation for Mational Community Service (NCSU) will delayor personnel to support activities in, but not limited to, the following areas in support of FBMA response operations: shells, feeding.	uch data vietness de conditation with Ethic Carporation for As directed by and in coordination with Ethic Carporation for National Community Service (TIKS) will deploy personnel to support activities in, but not initient do, the following areas in support of FEMA response operations, shelter, feeding, donations and volunteer management, warehoustine, noon-	As directed by an in coordination with Fish, Copparation for National Community Service (CNCS) will deploy personnel to support activities in, but not limited to, the following areas in support of FRM septones operations: shelling, supporting and volunteer management, waterloads or found and office of the control of the	are the state of t	As directed by add in coolington with Effect Carponision for National Community Service (CNCS) will apply personnel to support activities in, but not limited to, the following areas in support of Effect reapmend experiences, shellow, doing into your double management, waterbousher, feeting, doingtors and outprince management, waterbousher, energing.	at uterear by a full it cool on after by the depty personne to support extend to a support extends in a total cool of the depty personne to support activities in, but not limited to, the following areas in support of Felk we response operations: shelter, feeding, denation and wolf personned to a support of Felk was port of support of Felk was management, wereholding non-	As directed by the file coolington with FRAC Corporation for National Community Service (CMS) will provide appropriate personnel to FEMA operations in response to 4337-OR-FL. CMCS will send that own employees to the 4337-OR-PL anamage the governity of 300 Americans; FOS Americans on anamage the coording of 300 Americans; FOS Americans or Americans or 100 Americans of Americ	are execused by Ann in coloniamonia win Fight, Capprison nor hastonal Community Service (CNCS) will provide appropriate personnel to FEMA operations in response to 4337-DR-FL. CNCS will send their owner impliques to the 4337 paperation to manage the obtainful of 300 Americanes. FOS Americanes FEMA VAL.	As directed by FBMA, Corporation for National and Community Service (CNCS) assets will provide a speciality prepared team of Americorps members to support to FBMA operations in response to Hurricane Irma by directly assisting the VAL operation. This steam will assist VAL oversiding of the Americons field insisten. Activation for appropriate USAC personnel to perform the	functions of ESS 3 in the RRCL, IDS, FIGO incident Management Assistance Team (IMAT). Preliminary Damage assessment (PDA) Team, or other teams and locations, at the direction and coordination of ERMA. Equipment purchases are not authorized Activation for appropriate USAC presonnel to perform the	and inclose tell's fain the RRCQ, ICP, FO, Includent Management Assistance Fear (IMAT), Preliminary Damage Assessment (FDA) Team, or other teams and locations, at the direction and coordination of FBMA. Equipment purchases are not authorized
y	ю	w	u	w	y	non-specific ESF	non-specific ESF	non-specific ESF	m	m
CNCS	CNCS	CNCS	CNCS	CNCS	CNCS	SNG	CNCS	CNCS	COE-SAD	COE-SAD
09/16/17	09/18/17	09/20/17	10/11/17	71/51/01	10/28/17	09/30/17	10/28/17	51/20/01	09/11/17	09/21/17
09/16/17	09/18/17	71/02/60	10/11/17	10/15/17	10/28/17	71/0E/60	10/28/17	10/07/17	09/11/17	09/21/17
HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANEIRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA
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240172 4337DRFLCNCS0200	3 4337DRFLCNCS0201	9 4337 DRFLCNCS0202	1 4337DRFI.CNCS0203	4 4337DRFLCNCSD204	1 4337DRFLCNCS0205	242498 4337DRFLCNC\$0400	2 4337DRFLCNC\$0401	243369 4337DRFLCNCSDSOO	239116 4337DRFLCOE-SADO100	1 4337DRFLCOE-SADO101
240172	240473	240689	243811	244284	245511	242496	245842	243369	299116	240851

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HURRICANE IRMA
HURRICANE IRMA
HURRICANE IRMA 09/15/17
HURRICANE IRMA 09/12/17
HURRICANE IRMA 09/21/17
HURRICANE IRMA 09/32/37
HURRICANE IRMA 09/28/17
HURRICANE IRMA 09/12/17
HURRICANE IRMA 09/12/17
HURRICANE IRMA 10/11/17

										FOS
\$26,000,000	\$250,000	\$450,000	0 \$	\$75,000	\$175,000	\$700,000	\$1,200,000	\$150,000	(\$150,000)	\$360,000
10/3/2017	10/10/2017	10/10/2017	11/30/2017	10/3/2017	10/3/2017	10/31/2017	11/30/2017	10/3/2017	10/3/2017	10/3/2017
As directed by and in coordination with FEMA, USACE will provide temporary power support assets for emergency power generation to the affected area in support of FEMA response operations.	Pre-position and activate USACE logistics planning and response team (PRT) to support planning and preparation activities for USACE and/or FEMA federal operations. Logistics assistance includes recover tracking, resolving, warehouse management, issuing equipment cooperations and maintenance, and crocerty.	additionable to coordinate and incoordination with FRM, USATE, will disploy personnel to coordinate and execute all necessary assessments, evaluations, and design/build actions associated with ensuring the saftery of furthing water and westewarte experient and terrorists in coordination with the appropriate assencing terrorists in coordination with the appropriate assencing.	As directed by and in coordination with FBAA, USAEs will deploy personnel to coordinate and execute all necessary assessments, evaluations, and design/build actions associated with ensuring the saftry of clinicing volute and wastewater experient and recording to write it is supported as a series of the control of th	chronic representation of the control of the contro	Activate and employ USACE Temporary Housing planning and response team (PSF) management cell to assive with planning for temporary housing and critical public facilities missions in the State of Florida, as directed by and coordinated with FEMA.	Activate and employ USACE Temporary Housing planning and response team (PRF) management cell to assist with planning for temporary housing and critical public facilities missions in the State of Florida, as directed by and coordinated with FEMA.	Activate and employ USACE Temporary Housing planning and response team (1947) management cell to assist with planning for temporary housing and critical public feelilities missions in the State of Florida, as directed by and coordinated with FEMA.	Activate and employ USACE Water and Wastewater Instanceure Assarsement RR1s to assist with inspection of water and wastewater facilities in the State of Florida, as directed by and coordinated with FEWA	Activate and employ USACE Water and Wastewater Infrastructure Assessment PRTs to assist with inspection of water and wastewater defilites in the State of Florida, as directed by and coordinated with FFMA.	As directed by and in coordination with FEMA, USACE will provide technical expertise to FEMA to aid in accomplishing priority missions in support of response operations. USACE is responsible to providing personnel and/or equipment USACE is responsible that the conding personnel and/or equipment
m	^	m	in	m	m	m	m	m	m	m
COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-5AD	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-5AD	COE-SAD
09/12/17	71/21/50	09/12/17	77/12/60	09/12/17	09/16/17	09/26/17	10/04/17	09/12/17	09/15/17	09/12/17
09/12/17	09/12/17	09/12/17	71/17/60	71/21/60	09/16/17	09/26/17	10/04/17	09/12/17	09/15/17	09/12/17
HURRICANEJRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA
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239289 4337DRFLCOE-SAD0700	Z39551 4337DRFLCOE-SADORDO	239402 4337 DRFLCOE-SAD0900	4337DRFLCOE-SADO901	239421 4337DRFLCOE-SAD1000	4337DRFLCOE-SAD1001	4337DRFLCOE-SAD1002	4337DRFLCOE-SAD1003	239390 4337DRFLCOE-SAD1100	4337DRFLCOE-SAD1101	239442 4337DRFLCOE-SAD1300
239289	239351	239402	240797	239421	240199	241704	242974	239390	239984	239442

60 SO	FOS	FOS	503 203	FOS	FOS	F0S	F0S	S S	FOS
\$640,000	\$75,000	\$225,000	0\$	\$300,000	\$1,000,000	8	\$400,000	\$100,000	\$165,000
10/3/2017	10/3/2017	10/13/2017	11/30/2017	10/10/2017	15/31/2017	11/30/2017	10/10/2017	10/15/2017	10/3/2017
A directed by and in coordination with FEMA, USACE, will provide the chinical expertits to FEMA to add in accomplishing priority missions in support of response operations. ACME is responsible for providing personnel and off requirement necessary to accomplish the mission, and off or may issue a subsectivities by and in coordination with FEMA, USACE will provide technical septenties to FEMA to aid in accomplishing priority missions in support of response operations.	Activate and employ USACE infrastructive Assessment planning and response team (PRT) to support preparation and execution of rapid inspections of structural and non-structural affected infrastructure in the State of Florita, as directed by and concidenated with EBMA, Activate and employ USACE infrastructure Assessment planning	and response team (PRT) to support preparation and execution of rapid inspections of structural and non-structural affected infrastructure in the State of Florida, as directed by and coordinated with FLVA.	Activate and employ USALE, instructures assessment planning and response team (PRT) to support preparation and accution of rapid inspections of structural and non-structural affected instructure in the State of Ording, as directed by and coordinated with FEMA.	Actives and employ Chart. Retroited sensing and offs response team (PRT) to support remote sensing and offs requirements in response to Hurricane Irma in the State of Florida, at the direction of and coordination with FEMA.	Activate and emaloy USACE Remote Sensing / GIS planning and response team (RPII) to support remote sensing and GIS requirements in response to Huricane Irma in the State of Florids, at the direction of and coordination with FEMA.	Activate and employ USACE Remote Sensing / GIS planning and response team (PRIJ) os support remote sensing and GIS requirements in response to Huricane Irms in the State of Florids, at the direction of and coordination with FEMA.	As directed by and coordinated with FEMA, provide local government lisison (CLS), support in the State of Florida. Provide assistance and advice to the local governments in response and recovery mission execution to include relevant issues and cooperns. Daily activity, recorts, will be govyided to the ERMA, as congerns. Daily activity recorts, will be govyided to the ERMA, as	wite use to grant to solonate with renov, though the government listen (LiG1) support in the State of Florida. Frovide assistance and advice to the local governments in response and recovery mission execution in chickle relevant issues and connerns. Daily activity reports will be provided to the FRAA, as	As directed by and in coordination with FEMA, USACE will activate and deploy their Deployable Tactical Departions System (DTOS) and DTOS support team rembers to provide ESF #3 and/or FEMA operations with initial operating saclifies and
m m	m ·	m	ள	ν	и	'n	m	m	m
COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-5AD	COE-SAD	COE-SAD	COE-SAD	COE-SAD
09/14/17	09/12/17	09/13/17	09/21/17	09/12/17	09/16/17	10/18/17	09/12/17	71/51/60	09/13/17
09/14/17	09/12/17	71/21/60	09/21/17	09/12/17	09/16/17	10/18/17	09/12/17	09/15/17	71/81/60
HURRICANE IRMA HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA
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43370RFLCOE-54D1301 43370RFLCOE-54D1302	239444 4337DRFLCOE-SAD1400	4337DRFLCOE-SAD1401	4337DRFI.COF-SAD1402	2394\$8 4337DRFLCOE-SAD1600	4337DRFLCOE-SAD1601	4337DRFLCOE-SAD1602	239450 4337DRFLCOE-SAD1900	4337DRFLCOE-5AD1901	239521 4337DRFICOE-5AD2000
239846	239444 4	239630	240847	239458 4	240205	244950	239450 4	240026	239521 4

FOS	FOS	FOS	FOS	FOS	FOS	FOS	F05	503 203	DFA	DFA
\$150,000	000′09\$	(\$60,000)	\$50,000	\$550,000	\$1,000,000	\$1,000,000	\$2,250,000	(\$1,000,000)	\$1,750,000	(\$1,600,000)
11/30/2017	10/3/2017	10/3/2017	10/12/2017	10/15/2017	11/13/2017	12/31/2017	11/30/2017	12/5/2017	10/3/2017	10/3/2017
A directed by and in coordination with FRWA, USACE, will activate and deploy their Deployable Tactical Operations System (DTOS) and DTOS support team members to provide ESF #3 and ofor FRMA preparations with initial presenting "Brailities and communications in support of FRMA resconse operations, DTOS.	As directed by and in coordination with FEMA, USACE to provide Logistics Personnel Support. Pre-position and activate logistics planning and response team (LPRT) to support planning and preparation activities for USACE and/or FEMA federal operations. Logistics assistance includes recourte traction: crockiving. Addirected by and in coordination with FEMA, USACE to provide Addirected by and in coordination with FEMA, USACE to provide	Logistics Personnel Support, Pre-position and activate logistics planning and response team (IPRT) to support planning and preparation activates for USACE and/or FEMA federal operations. Application activation activates for USACE and/or FEMA federal operations, logistics assistance including resource tracking.	Database and Useful Visional Tables to season with Plenningly Database and Plending International Plending Interna	Activate and oppoly Costast Lingmeets to assist with Preliminary Damage Assessments (Pods) in the State of Floride in response to Hurricane Irms at the direction of a FEMA Public Assistance (PA) Do Y fean Lead Enform analysis of preposacion profiles of FEMA-elible enformed backs and emergency berns. Using	Undertake one or more of the following measures at the direction and coordinaton of FEAA. Procure and place temporary Critical Public Relities units at the direction and coordination of FEAA Provide its assessment design, and construction, including installation of utilities for alseement of	at directed by and in coordination with FRM, USACK will a procure or lease office spars, furniture, supplies, equipment (e.g., automated data processing hardware and software), and/or unities, including encessary withsilation in support of FEMA, response operations. Before procuring of jeasing, any supplies or	and an erecete by and in coordination with Fukh. Vactic will provide staff for the preparation of Project Worksheets (PWs) for the delivery of ENAA's bublic Assistance Program in support of ERMA response operation. The PMs will address all categories of work within the Public.	au unexea by aim in countaintoin with reform. Vaste win proude staff for the preparation of Project Worksheets (PWs) for the delivery of FDNA's Public Assistance Program in support of FEMA response operations. The PMs will juddiess, all categories of work within the Public.	re requested the State of Indica and in confination with FUMs, USACE will temporarily assist with stabilization of the bridge pling which involves filling scour holes in the channel and linning with tubble types for temporary scour protection at Bents 38 at. This includes, all and official assistances to investionation of 38 at. This includes, all and official assistances to investigation to 38 at. This includes, all and official assistances to investigation of 38 at. This includes, all and official assistances on the 38 at. This includes, all and official assistances to the 38 at. This includes, all and the second second and the 38 at. This includes all assistances are second assistances.	FEMAL USACE will temporarily assist with stabilization of the bridge pilling which involves filling scour holes in the channel and fining with rubble riprap for temporary scour protection at Bents
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COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD
09/21/17	09/13/17	09/15/17	09/14/17	09/15/17	09/16/17	71/91/60	09/27/17	11/08/17	71/72/60	10/11/17
71/11/60	09/13/17	71/51/50	09/14/17	09/15/17	71/91/60	09/16/17	71/2/60	11/08/17	09/27/17	10/11/17
HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA
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4337DRFLCOE-5AD2001	239582 4337DRFLCOE-5AD2100	4337DRFLCOE-5AD2101	239790 4337DRFLCOE-SAD2300	4337 DRFLCOE-5AD2301	240201 4337DRFLCOE-SAD2700	240197 4337DRFLCOE-SAD2900	241831 4337DRFLCOE-5AD3000	4337DRFLCOE-SAD3001	241835 4337DRFLCOE-5AD3100	4337DRFLCOE-SAD3101
240850	239582	240033	239790	240027	240201	240197	241831	246836	241835	243809

							ill accoluance with the National Disaster Netovery Framework			
242265 4337DRFLCOE-SAD3300	#	HURRICANE IRMA	71/52/60	71/52/50	COE-SAD	RSF	federal coordination with the appropriate Recovery Support	12/18/2017	\$162,000	õ
							Function (RSF) primary and support agencies and organizations as well as other Federal agencies. State and private sector partners.			
							In accordance with the National Disaster Recovery Framework (NDRF), activation of the Infrastructure Systems RSF to provide			
244849 4337DRFLCDE-SAD3301	1 FL	HURRICANE IRMA	10/18/17	10/18/17	COE-SAD	RSF	federal coordination with the appropriate Recovery Support	1/3/2018	\$162,000	FOS
							Function (RSf) primary and support agencies and organizations as well as other Federal agencies. State and orivate sector oarthers. As directed by and in coordination with FRMA, USACE will			
							activate and deploy the Management Cell of the Temporary			
242374 4337DRFLCOE-SAD3400	겉	HURRICANE IRMA	10/02/17	10/02/17	COE-SAD	E	Roofing Planning and Response Team (PRT) to prepare to conduct	11/30/2017	\$36,000,000	DFA
							the temporary rooting mission in support of FEMA response oberations. The PRT Management cell may include API To tamorarily secte with stabilization of the bridge pilling which			
							involves filling scour holes in the channel and lining with rubble			
242366 4337DRFLCOE-5AD3500	ч	HURRICANE IRMA	09/30/17	09/30/17	COE-SAD	m	riprap for temporary scour protection at Bents 3&4. This includes	11/30/2017	\$1,750,000	DFA
							all additional activities for investigation or surveying that may be			
							required. Contracting, construction management, contract As directed by and in coordination with FEMA, USACE will deploy			
CONTRACTOR DESCRIPTION OF STATE	ī	A STATE OF THE PARTY OF THE PAR	10,00	10,000			staff from the Rehired Annuitant Organization (RAO) staff trained		;	į
242348 433/DRFLCGE-SAU360U	ť	HUKKICANE IKWA	10/03/17	10/03/1/	COE-SAD	m	at £MI, to	12/27/2017	\$9,000,000	FOS
							Florida to serve as either Public Assistance Site Inspectors or Proeram Deliverv Manaeers, Recuest that as the RAO staff finish As directed by and in coordination with FEMA, Office of			
							Intelligence & Analysis will provide permanent Federal agency			
239106 4337DRFLDHS-MGT0100	교	HURRICANE IRMA	71/11/60	09/11/17	DHS-MGT	s	personnel (to exclude temporary hires of the other DHS agencies)	10/25/2017	\$98,000	FOS
							willing to deploy for a field assignment to supplement			
							DHS/FEMA's disaster response and recovery efforts. As directed by and in coordination with FEMA, Office of			
							Intelligence & Analysis will provide permanent Federal agency			
243166 4337DRFLDHS-MGT0101	٦ ب	HURRICANE IRMA	10/01/17	10/07/17	DHS-MGT	'n	personnel (to exclude temporary hires of the other DHS agencies)	12/31/2017	S.	S.
							Willing to deploy for a neid assignment to supplement DES/FEMA's disaster response and recovery efforts. A difference by and in coordination with FEMA, DHS HQ/MGMT			
							will provide permanent Federal agency personnel (to exclude			
240521 4337DRFLDHS-MGT0200	ਛੱ	HURRICANE IRMA	09/19/17	09/19/17	DH5-MGT	'n	temporary hires of the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FEMA's disaster response	10/27/2017	\$3,150,000	FOS
							and recovery efforts. As directed by and in coordination with FEMA, DHS HQ/MGMT			
							will provide permanent Federal agency personnel (to exclude			
243196 4337DRFLDHS-MGT0201	1 E	HURRICANE IRMA	10/01/17	10/07/17	DHS-MGT	'n	temporary hires of the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FEMA's disaster response	12/31/2017	0\$	SO.
							and recovery efforts. As directed by and in coordination with FEMA, Office of Health			
							Affairs will provide permanent Federal agency personnel (to			
23924S 4337DRFLDHS-OHA0100	ਛੰ	HURRICANE IRMA	09/12/17	09/12/17	DHS-OHA	so.	exclude temporary hires of the other DHS agencies) willing to	10/27/2017	\$280,000	FOS
							deploy for a field assignment to supplement DHS/FEMA's disaster			
							response and recovery efforts. As directed by and in coordination with FEMA, Office of Health			
							Affairs will provide permanent Federal agency personnel (to			
243168 4337DRFLDHS-OHA0101	۲ ت	HURRICANE IRMA	10/07/17	10/07/17	DH5-OHA	រណ៌	exclude temporary hires of the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FEMA's disaster	12/31/2017	\$	FOS

								As directed by and in coordination with FEMA, DHS HQ/Office of			
								Operations Coordination (OPS) will provide permanent Federal			
240532 4	240532 433/DRFLDHS-OPS0100	ď	HURRICANE IRMA	09/19/17	09/19/17	DHS-OPS	'n	agency personnel (to exclude temporary hires of the other DHS	10/28/2017	\$154,000	FOS
								agencies) willing to deploy for a field assignment to supplement			
								DHS/FEMA's disaster response and recovery efforts. As directed by and in coordination with FEMA, DHS HQ/Office of			
								Operations Coordination (OPS) will provide permanent Federal			
243197	4337DRFLDHS-OPS0101	ď	HURRICANE IRMA	10/07/17	10/07/17	DHS-OPS	'n	agency personnel (to exclude temporary hires of the other DHS	12/31/2017	\$0	FOS
								agencies) willing to deploy for a field assignment to supplement			
								DHS/FEMA's disaster resoonse and recovery efforts. As directed by and in coordination with FEMA, DHS HQ/Science			
								and Technology Directorate (5&T) will provide permanent Federal			
240496 4	240496 4337DRFLDHS-ST0100	급	HURRICANE IRMA	09/19/17	71/61/60	DHS-ST	2	agency personnel (to exclude temporary hires of the other DHS	10/28/2017	\$168,000	FOS
								agencies) willing to deploy for a field assignment to supplement			
								DHS/FEMA's disaster response and recovery efforts. As directed by and in coordination with FEMA, DHS HQ/Science			
								and Technology Directorate (S&T) will provide permanent Federal			
243212	4337DRFLDH5-5T0101	ď	HURRICANE IRMA	10/01/17	71/70/01	DHS-ST	25	agency personnel (to exclude temporary hires of the other DHS	12/31/2017	\$	FOS
								agencies) willing to deploy for a field assignment to supplement			
								DHS/FEMA's disaster response and recovery efforts. As directed by and in coordination with FEMA, the US			
								Department of Housing and Urban Development (HUD) will			
239475 4	239475 4337DRFLDHUD0100	ď	HURRICANE IRMA	09/13/17	09/13/17	DHUD	20	provide permanent Federal agency personnel (to exclude	10/27/2017	\$700,000	FOS
								temporary hires of the other DHS agencies) willing to deploy for a			
								field assignment to supplement DHS/FEMA's disaster response			
								As directed by and in coordination with FEMA, the US			
								Department of Housing and Urban Development (HUD) will			
239830	4337DRFLDHUD0101	ď	HURRICANE IRMA	09/14/17	09/14/17	DHND	50	provide permanent federal agency personnel (to exclude	10/2//2017	\$0	FOS
								temporary hires of the other DHS agencies) willing to deploy for a			
								field assignment to supplement DHS/FEMA's disaster resconse As directed by and in coordination with FEMA, the US			
								Department of Housing and Urban Development (HUD) will			
243270	4337BRFI DHI (100102	ū	HIRBICANE IRMA	10/07/17	10/07/17	CIHC	u	provide permanent federal agency personnel (to exclude	12/33/2017	Ş	202
	POTO DE LOS MANOS DE LA CONTRACTOR DE LA	,	CIANI TANCAUNCII	10/01/01	i i liolor		,	temporary hires of the other DHS agencies) willing to deploy for a	14/34/201/	Q.	3
								field assignment to supplement DHS/FEMA's disaster response			
								Activation for appropriate Housing and Urban Development			
								(HUD) personnel to perform functions of ESF #6 in the RRCC, IOF,			
239647 4	239647 4337DRFLDHUD0200	ď	HURRICANE IRMA	09/13/17	09/13/17	DHO	9	JFO, Incident Management Assistance Team (IMAT), Preliminary	10/3/2017	\$10,000	50 S
								Damage Assessment (PDA) Team, or other teams and locations,			
								at the direction and coordination of FEMA, Activation for appropriate Housing and Urban Development			
								(HUD) personnel to perform functions of ESF #6 in the RRCC, IOF,			
242970	4337DRFLDHUD0201	ದ	HURRICANE IRMA	10/04/17	10/04/17	DHUD	9	JFO, Incident Management Assistance Team (IMAT), Preliminary	11/10/2017	\$75,000	FOS
								Damage Assessment (PDA) Team, or other teams and locations,			
								at the direction and coordination of FEMA, Activation for appropriate Housing and Urban Development			
								(HUD) personnel to perform functions of ESF #6 in the RRCC, IOF,			
246862	4337DRFLDHUD0202	굾	HURRICANE IRMA	11/08/17	11/08/17	DHUD	9	JFO, Incident Management Assistance Team (IMAT), Preliminary	12/10/2017	\$50,000	FOS
								Damage Assessment (PDA) Team, or other teams and locations,			
								at the direction and coordination of FEMA. FEMA Congressional has requested HUD deploy SMEs to assist			
								with congressional inquiries and casework related to Hurricane			
239880 4	239880 4337DRFLDHUD03D0	7	HURRICANE IRMA	09/14/17	09/14/17	DHOD	9	Harvey and Itma. SMEs will be able to provide informed	10/18/2017	\$10,000	FOS
								second of the strong reparding HIID programs and prolicies			

	fos	DFA	DFA	FOS	FOS	SO	FOS	f0S	SO	Fos	FOS
	5289,100	\$100,000,000	\$59,000,000	319,000,000	%	\$35,000,000	\$700,000	0\$	\$5,000	\$18,500	020'5\$
	12/19/2017	9/30/2017	9/30/2017	9/23/2017	12/31/2017	9/26/2017	10/27/2017	12/31/2017	10/11/2017	10/11/2017	10/3/2017
Deliverables and Tasks Attached In accordance with the National Disaster Recovery Framework	UNHS), activation on the Nousing RN-to provide feateral coordination with the appropriate Receivery Susport Function (RSF) orimeny and support agencies and oreanizations as well as Pfortial begannered of RN-time and Control Services are equesting assistance with subsidence and support for Hurrican requesting assistance with subsidence and support for Hurrican	irms survivors. All purchases and expenditures must be coordinated with FBNA. Prior approval, from the Federal Appropriate of Priorial Paparitation of Michila FBO, is necessary to ensure reimbulsement for the Priorial Paparitation of Approving and Common Favores, reducting assistance with subsistence and somon for Hardrann reducting assistance with subsistence and somon for Hardrann	Irms survivors. All purchases and expenditures must be coordinated with FRMA. Prin approval, from the Federal Approximation of Picial (FAD) is necessary to easure the Protestal As directed by and in coordination with FEMA, D.A. will provide	Authority absence of the property of the prope	Support Base (1891/Federal Staging Area (15A) or point of need in support of Ends Area reports posterations, As detected by EMA, DLA will activate leased evenestor; contracts and area of the activated by EMA, DLA As requested by and in coordination with EMA, Defensement	Signate, Agent (Aut) will profess a night or submitted the to the includent Support Base (158) or other Points of Distribution in support of Federal response operations. This may include providing fuel and soll to repention metabeas for mested feeling of directed by and in coordination with FEMs, the 15.	Department of Commerce will provide perment it deter a lagency personnel (to exclude temporary hirse of the other DMS agencies) using to deploy of a field asymment to supplement DMS/FEMA distant or substances and more observed to a supplement to supplement.	Egiptivities to commence with provide perference agency personnel (to exclude temporary lines of the other DNS agencies) willing to deploy for a field safement to suppliement. BUS/FEAMS distant reasonate and reasonate with perfect and accessive afforts. And affected by and in coordination with FEAM DELP of Commence Infort National Taleonamonications.	Administration (NTA) will provide appropriate personnel to the RRCE, FEMA eneme, or other facilities in support of FEMA rescense operations. Acquire suffice level observations of wind speed (gust and event is sufficient or sufficience).	mainland and east the U.S. coastile for Hurricans from coamainland and east the U.S. coastile for Hurricans from Develop peak twinf felled models at Day 1, July 3, and Day 7 after landfill on or rearthe U.S. mainland as Dig mass and 3s A directed by and in coordination with Fight. Of Commerce Indoor was the U.S. coastile with the U.S. coastile and the U.S. coastile with Fight of Commerce Indoor was the U.S. coastile and the U.S. coastile with Fight of Commerce Indoor Washington and Indoor Washington Will Fight of Commerce Indoor Washington Wash	(U-O) varional recommendations a member of Administration (NTIA) will provide appropriate personnel to the or RRCC, FEMA teams, or other facilities in support of FEMA resoonse operations, il ourchases and excenditures must be
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2,72,00	09/18/17	09/11/17	09/18/17	09/13/17	10/08/17	09/14/17	09/12/17	71/10/01	71/21/60	09/12/17	09/13/17
AMADIDAAY	DOMINICANS INVA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE (RIMA	HURRICANE IRMA
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(\$2,000)	\$18,500	(\$18,500)	\$465,000	\$10,000,000	\$12,870,000	000′005\$	\$1,000,000	\$10,000	\$40,000	\$10,000,000
10/3/2017	10/3/2017	10/3/2017	12/19/2017	10/10/2017	9/17/2017	10/2017	9/30/2017	9/30/2017	9/30/2017	9/30/2017
As directed by and in coordination with FEMA, Dept of Commerce (DOC) Matonal Teleconmunications & Information Administration (MTA) will provide appropriate personnel to the or DOCY FEMA season or other facilities in commercial FEMA.	The control of the co	posek gust wind feed models at Day 1, Day 3 and Day 3 after landfall on or near the luS mailtand as Day Permace and as tracifiles Acquire suffere level observations of wind speed (gost an enant) wind discontine to the LUS mainland and near the US coastline for Hurricare (Irma).	posal gust wind field models it Day 1, Day 3, and Day 7 after by displaying the properties of the prop	conclination with the appropriate Recovery Support function (RSS) primary and guazont agencies and coranizations as well at in coordination with the Federal finestency Management Agency (FEMA), the Department of Defaces (Dool Will stage to tast-will fift (GSAB on like-steed capability to include, but not limited to.)	MED(NAC) and ground transportation (Initial request includes, but is not limited to 2. Tansaportation compension (ill-separation in concentration in the state of the coordination and request by HQF HAK (E.F.), OOD will deploy and enempty A hard VWINI (RM) and High Waster Capable Ground Transportation SAK Capabliny, for deployment into the impacted	area in Frorida. RW is preferred poline mover for employment of includioual FCMA USAR Seams in nears that early or a Statesbilled by for equated by and in conditional with "His." DOD/USECOON will provide JAPTS (palvent recivity, and registring) and registring in service provide states to existing HMS PATS (seams located at safeta ADDEs and/or PCCs to	provide partient tracking expanitives for the expressions to hurricana. Irra, Select occament tracking expanitives for the extended Select occament and attracted by and in accordination with EMA, Dept of Defense will provide multiple gound, air and maritaine movement control seams at multiple locations to be specified in follow-on MATOs.	The movement control team will pin, coordinate, organize, manage, execute and control transcenting saists at each As directed by and in coordination with Efacts ODD will provide subject matter expert to support the function of ESF #15 by providing technical advice on the mission sasigned activities of	Their agent, the stain exployed must be able to speak publicly on behalf of their atency. As directed by and in coordination with FaVA, DOD provide writer/eatlors to support the NBCZ (RCZ (ICZ IO) and other locations to be determined to perform the functions of ESF 455, External Affairs, in support of FEMA response operations.	In coordination with the Federal Emergency Management Agency (FEMA), the Department of Defense (100) will stage rotary-wing Hif GSAB on like sized capability to include, unto Himited to, MCDEVAC) and ground transportation (initial request includes,
7	vı	un.	RSF	,	ō	œ	7	15	non-specific ESF	,
8	DOC	DOC	DOC	900	909	gog	dod	gog	gog	gog
09/15/17	09/13/17	09/15/17	09/16/17	71/11/60	09/11/17	71/11/0	71/11/60	71/21/00	09/12/17	09/12/17
09/15/17	09/13/17	71/51/60	09/16/17	71/11/60	71/11/60	71/11/60	09/11/17	09/12/17	09/12/17	71/21/60
HURRICANE IRMA	HURRICANEJRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE JRMA
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4337DRFLDOCO401	239593 4337DRFLDOC0500	4337DRFLDOC0501	2401.47 4337DRPLDOC0600	239057 4337DRFLDODG400	239070 43370RFLDOD0500	239079 4337DKFLDOD0600	239102 43370KFLDGD00700	239088 4337DRFLDOD9900	239149 4337DRFLDCD1600	239126 4337DRFLDOD1100
240028	239593	239983	240147	239057	239070	239079	239102	239088	239149	239126

ಷ'	HURRICANE IRMA	71/1/10	09/12/17	DCD	۲	Ad intexet by and in coordination with FRMA, Dept of Defense (DOD) will provide transportation of personnel (non-medical patients) and/or cargo, in support of FRMA response operations. DDD) is restondible for convolving consonnel and/or enuironment.	9/30/2017	\$10,000,000	F0S
료	HURRICANE IRMA	09/12/17	09/12/17	900	~	According to the public of the condition	10/3/2017	\$10,000,000	DFA
ಹ	HURRICANE IRMA	09/12/17	09/12/17	DOD	7	to conduct lifesaving activities and/or support movement of first responders	10/3/2017	\$70,000,000	DFA
ď.	HURRICANE IRMA	09/13/17	09/13/17	400	œ	in associated explainment continuing measure factories included. In one or more USN ships with well deck and flight MONS Patient Reception and oblithitude accordance with the most current FCC guide. All tool. State, and non-DoD resources are enhausted or do not have the explicit port and accordance with the most current FCC guide. All tool State, and non-DoD resources are enhausted or do not have the captility to measure the requirement. In intered extremely got all DoD FCCs (NDAS possins), Verific readings of all FCCs, all Use of Homestead ARIS, seeking approximately 50 acres to	10/3/2017	\$30,000	F0S
Я	HURRICANE IRMA	09/12/17	09/12/17	дод	6	support JOX LINA (Intelligents), JOX Uniteds, and sugging of FEMA USAR teams, and emergency response supplies or other as neaded.	10/3/2017	\$10,000	DFA
귬	HURRICANE IRMA	09/12/17	09/12/17	aog	ø	but chases, and econditive myttile econditive and ESE #9, DOD will provide a joint assessment teams to conduct Airfleid assessment teams to conduct Airfleid assessments, Evrolde assessment teams to edulate all aspects of opening dealoyment and distribution networks. Gather continuing dealoyment and distribution networks. Gather directed by and in coordination with FRMA, Department of Adirected by and in coordination with FRMA, Department of	10/3/2017	300,00€\$	DFA
료	HURRICANE IRMA	09/12/17	09/12/17	дод	N	Beinze (DOD) will provide remes sensing/LAX collection management analysis to assist with the tracking and warreness of imageny collected in support of Disaster Response Incident Awareneed and Assistant ported my collection of the Collection of t	9/30/2017	\$35,000	FOS
ದ	HURRICANE IRMA	71/21/60	09/12/17	000	~	(LOUT) with establishing and operate a their subsupport of response operations. DOD is responsible for providing personnel and/or equipment necessary to accountlish the misses and Adirected by and in coordination with FfMA, Dest of Defense	10/3/2017	\$6,216,000	DFA
귚	HURRICANE IRMA	71/21/50	09/12/17	gog	7	(DOD) will activate and deploy aerial port operations (same) to coordinate, control, onload, and offload personnel and their coughment in support of bisaster operations. DOD is responsible for providine personnel and/or equipment Request Maxwell AFB as a FEMA incident Support Basse/Federal	10/3/2017	\$300,000	DFA
교	HURRICANE IRMA	09/12/17	09/12/17	gog	7	Sugar faxes (1954 S), with the following gradientements: haddstend to stage truck/trailers/qualpiment/personnel for processing, cross loading, and forward movement as required. processing, and stage trailers are trained in the required. Request Namwell ARB as a ERMA Incident Support Base/Federal Request Namwell ARB as a ERMA Incident Support Base/Federal	10/3/2017	\$10,000	FOS
귬	HURRICANEIRMA	09/24/17	09/24/17	000	7	Staging Area (ISB/FSA) with the following requirements: hardstand to stage trucks/trailers/equipment/personnel for processing, cross loading, and forward movement as required.	10/14/2017	\$0	F0S

FOS	fos	DFA	FOS	FOS	50	õ	Fos	POS	Fos	F05
05	\$1,273,300	000'00E\$	\$10,000	\$25,000	\$160,000	\$1,485,138	\$1,400,000	\$5,000,000	\$10,000	200
10/31/2017	71/2017	10/3/2017	10/3/2017	7102/5/01	10/3/2017	10/3/2017	10/3/2017	9/30/2017	10/3/2017	
Request Maxwell AfB as a FEMA Incident Support Baze/Federal Staging Are 169F5A with the following requirements. Staging Are 169F5A with the following requirements hardstand to stage truck/trailers/equipment/personnel for processing, cross loading, and forward movement as required. Provide like lack van off lesson recommends as required by Provide like lack van off lesson recommends as required by a requested by and in coordination with FEMA, Office of Chief.	information of offices, the Dook bull provide votice and data communications solvitions, and user support and will participate in the buildout and teardown of the Joint Field Office and Dissaser Recovery Cartex, with in communication with FighAIT is required by the Safe of India.	Feek, Low Mit provine ground ransportation support to move personnel, response teams and sscotiated equipment/supplies as required in advanted feet and sound feeting a. 24-hour support may be required for movement of life sustaining to supply and supply and supply feeting as a feeting sate a feeting feeting supply and supply feeting feeting and supply feeting feet	saging area (1897) say with the following requirements: hardstand to stage trucks/trailers/deujpment/personnel for processing, ross loading, and froward moment as required. As requested by the fill floward moment as required. As requested by the fill floward required provided for the fill following the following a presided by As requested by the fill floward required by the fill following the fill floward floward for the fill following the fill f	province gain and as a structure as restant (1719) which the supplies of Federal response teams (1934), etc.). Marsheling earn and Pemperal Federal as a structure of the supplies and supplies and supplies the supplies and supp	einen y auf Jasachon Orthane integers plassages outs als eaffected by Hurriane from . The CASE must include the capabilities acceptabilities as each silline as a second of the capabilities and still belooms able doctions subject matter that AS directed by and in recolutions with the coloring subject matter that was a still extendition with ERA and HISE, Dept of Neason (Troy), sull recondition with ERA and HISE, Dept of Neason (Troy), sull recolution and a subject matter of eight.	extense (Looy) with protein internal resourcement repport on sex- injuried, or wounded persons from a casualty collection area in the disaster of the protein area for designated patient reception areas (PAA) in superor of persons from a casualty collection areas Adel to Do for protein Action redised is queues in the protein and of the National Disaster Maricial Greene Marikia in movier and of the	interdependent NDA/S theater patient movement capability in response to Unificate interal plantages and expenditures must be coordinated with FRAA. Prior approval, from the Edge of DoV will provide persistent C2 services to include identification and disonath aff receive assets. Remitte	ability to detect/display IF Mode 3 beson codes, communicate on VHFAMIX, UHF, and STICOM frequence on on VHFAMIX, UHF, and STICOM frequence so asserting the Request Mode Advidered Bases must have enough on station time. Request Mode Advidered Bases as a REMA Installation Support Bases frequent Mode Advidered Bases frequent Mode Advidered Bases and Remain Advisor Station from the Advisor Bases and Advisor Bases and Remain Remains of the Advisor Bases and Remains Remains and Remains Remains and Remains Remains and Remains	requirements hardstand to stage introducing the processing, responsibilities to the control of the processing, respectively hardstand to stage introducing the processing, respectively. Boddine, and forward movement as required, Provide life safety As directed by an information with Februs, DOS with provide Defines Coordination Officer(s) with supporting staff element(s).	
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71/62/60	09/12/17	09/12/17	09/12/17	71/81/80	71/E1/60	71/E1/60	09/13/17	09/12/17	09/13/17	
09/29/17	09/12/17	09/12/17	09/12/17	71/21/60	09/13/17	09/13/17	09/13/17	09/12/17	09/13/17	
HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	
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4337DRFLDOD2202	239307 4337DRFLDOD2300	239451 43370RFLDOD2500	2394S6 4337DKFLDODZ600	239466 43370RFLDOD27000	239545 4337DKFLDOD2800	239489 4337DRFLDOD2900	239551 4337DRFLDOD3000	239601 4337DKFLDOD3100	239 646 4337DRFLD0D340 0	
242301	239307 4	239451 4	239456 4	239466 4	239545 4	239489 4	239551 4	239601 4	239646 4	

FOS	POS.	FOS	FOS	FOS	FOS	FOS	5OS	FOS	FOS	FOS
5168,000	\$191,750	\$10,000	\$10,000	\$40,000	\$30,000	\$14,000	\$20,000	0\$	\$1,000,000	\$1,006,000
9/30/2017	9/15/2017	10/3/2017	10/3/2017	10/3/2017	10/3/2017	9/23/2017	9/23/2017	10/18/2017	10/4/2017	10/7/2017
As directed by and in coordination with FBNA, DOD will provide Defease Coordination Officer(s) with supporting staff element(s) (ICO)/DCE(s) to the RRCT, Region IV Joint Field Office, IOF, or other locations, to provide DOD regional knowledge, requirements walledston, and laison, including as necessary State/Emerenty As requested and na coordination with FishA, DoD will conduct hydrographic survey of Key Wast Harbot to	collect hydrographic data for: Navy Mole pler, Cruise ship pier, 1955 Sector Kwast D. L. Oz plese; Herming Rey Cut to Gartison Bieth Marina "29/90". Boca Chiza Ch. "1" b. "1". Set directed Day and in coordination With Reflex AD SC Oast Geland (USCG) will provide absorbed the presented to support the feeden	search and secule coordination Group (FSARCG), providing planning and coordination assistance to ESF-9 Search and Rescue in support of Month Request Robins AFB as a FRAM Incident Support of Parent Faceboard Tenaine Area (160 FERA) with the following	requirements hardstand to stage requirements hardstand to stage requirements requirement/sequences/responsel for processing, crosss loading, and forward movement as required. Provide fit safety Work-Requires Reform AS is set Wich Indexes Support Baseoffederial Stading Area (155)(FSA) with the following	requirements: hardstand to stage tequirements: hardstand to stage loading, and dupplement/personnel for processing, cross loading, and forward movement as required. Provide life safety work-requerat Robins AFB as a FEMA Incident Support Researd Faciliar of twas (FRSTFCA) until the full nation.	requirements: hardstand to stage requirements: hardstand to stage loading and country fulley and country fulley and country fulley stage to the country fulley and consideration with EkAA, the DOD will a full and condition with EkAA, the DOD will a full and condition with EkAA, the DOD will a full and condition with EkAA, the DOD will a full and condition of the country full and	provider of Cipy, it union anties work riet to support the Training Ship Empire State in support of Federal response activities in Florida.	sequesce by sequence of sequen	As requested by and in coordination with FEMA, the DOD will provide Port DOS, Truman Annex Mole Pier to support the Training Ship Empire State in support of Federal response arthrites in Florida.	Acdirected by and in coordination with FENA, Dept of Defense ((DOD) will provide multiple ground, at and maritine movement control teams at multiple FSA locations to be specified in follow on MATOs. The movement control team will plan, coordinate, or senale, executed and control the transcristion of failers, is requested by and in coordination with FSMA and ESTS, the streagested by and in coordination with FSMA and ESTS, the	Volo Will provide personnel and equipment to support transportation trailer movement and marshaling operations to receive and stage estimated 100-250 trailers/day at the designated incident Support Bases (ISB) or federal Straine Areas
non-specific ESF	vs	o.	7	7	7	7	۲	,	۲	۲
gog	000	900	900	000	900	gog	gog	gog	900	000
71/11/20	09/13/17	09/14/17	09/14/17	09/21/17	09/29/17	71/1/20	09/21/17	71/17	09/19/17	71/61/60
09/17/17	09/13/17	09/14/17	09/14/17	09/21/17	09/29/17	71/11	71/12/00	09/21/17	09/19/17	09/19/17
HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA
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43370КРЦООВ3503	2398Q2 4337DRFLDOD3600	239812 4337DRFLDGD3700	239844 4337DRFLDOD3800	4337DRFLDOD3801	4337DRFLD0D3802	240255 4337DKFLDCD3900	4337DRFLDOD3901	4337DRFLDGD3902	240406 4337DRFLDCD4000	240423 4337DRFLDGD4100
240325	239802	239812	239844	240899	242275	240255	240854	240932	240406	240423

240388 4337DRFLDOD4200	RFLDOD4200	교	HURRICANE IRMA	71/61/60	71/61/60	GOO	æ	As requested by and in coordination with FEMA and HHS, DoD will activate, pre-position, and configure appropriate personnel and equipment/supplies in order to be prepared to provide	10/6/2017	\$1,485,138	FOS
240435 4337DRFLDOD4300	RFLDOD4300	교	HURRICANE IRMA	71/61/60	09/19/17	ООО	15	UNIVE patient novements when requested Trabes resources will one-state at the discretion of U.S. Transportation Command in As directed by and in coordination with FRIAL Dept of Defense (DOD) will provide Civil Authorities Information Support (CAIS) to distribute emergency messages in support of FRIAL response operations.	10/8/2017	\$100,000	FOS
240666 4337DRFLDOD4400	RFLDOD4480	료	HURRICANE IRMA	71/81/60	09/19/17	QOQ	7	NAS key West is requested to provide up to 1.6 acres for use of a Responder Base Camp (RBC). Acreage to include hard-stand for parking, and grass area for territoral exit in CRAA. Prior approval, expenditures must be accordinated with REAA. Prior approval, from the fielderal Apotovolny Official if AOU is meessary to ensure	10/3/2017	000'\$\$	DFA
242217	4337DRFLDOD4401	ď	HURRICANE IRMA	10/03/17	10/03/17	gog	,	As My Water Sequence to globout put or and the face or a Responder Base camp (RGC). Acreege to include hard-stand for parking, and grass area for tentage. All purchases and sependitures must be coordinated with FEMP, Prior approval, from the Federal Acotronine Official (FAO), is necessar's or ensure	11/5/2017	0\$	DFA
241982 4337DRFLDGD4700	RFLDGD4700	æ	HURRICANE IRMA	71/82/60	71/82/60	gog	۲	2503 NAS feet West will provide secure office space for approximately to approximately 15 personnel and and usage of approximately ten acts for FRMA's responselyfecovery mission for furticane firms. This use to include stonage for thread Trailer and all muchases and expenditures must be roundinated with FRMA.	12/29/2017	0\$	FOS
243008	4337DRFLDOD4701	æ	HURRICANE IRMA	10/04/17	10/04/17	gog	۲	2501 hus Key West will provide secure office space for approximately 75 personnel and had usage of approximately tendent acress for FRMA's responsely fecovery mission for functional from this use to include stonge for the virtual from the creation of the control of the contro	12/29/2017	\$1,000	fos
242262 4337DRFLDOD4800	RFLDOD4800	ď	HURRICANE IRMA	71/62/60	71/52/50	дод	7	In coordination with FEMA, MAS key West will provide parking support for Federal Responders embarked aboard the TS Empire State.	9/28/2017	0\$	FOS
243016	4337DRF;DGD4801	교	HURRICANE IRMA	10/64/17	10/04/17	gog	۲	Prior written accrowal from the faderal Approvine Official (FAO). In coordination with TEMA, IMS Key West Will provide parking support for Federal Responders embarked abourd the TS Empire State.	10/4/2017	\$1,000	FOS
242489 4337DRFLDDD4900	RFLD0D4900	F	HURRICANE IRMA	10/03/17	10/03/17	QOQ	Ľη	Prior written autroval, from the Federal Approving Official (FAO). Defense (DOD)will temporarily detail full-time Federal civilian personnel (to exclude temporary first) willing to deploy for a field assignment to supplement DHY/FEMA disaster response and receiper wifely always.	12/31/2017	\$4,060,000	FOS
239303 4337DRFLDOE0100	'RFLDOE0100	료	HURRICANE IRMA	09/12/17	09/12/17	DOE	12	and extented by and in coordination win te-table. Upgaintent of Energy will provide a parceptate personnel to the NRCL, FEMA teams, or other facilities in support of FEMA response operations. All purchases and expenditures must be coordinated with FEMA, Prior acoroval, from the Federal Acorovine Official IRAO, is	9/15/2017	\$10,000	F05
239522	4337DRFLDOE0101	4	HURRICANE IRMA	71/51/60	71/E1/60	DOE	1.2	As directed by and in coordination with FBMA, Department of Energy will provide appropriet personnel to the NBC, FBM teams, or other facilities in support of FBMA response operations. All purchases and expenditures must be coordinated with FBMA.	9/22/2017	\$20,000	FOS

\$66,000 FOS	\$700,000 FOS	\$0 FOS	\$20,000 FOS	\$199,500 FOS	\$700,000 FOS	\$0 FOS	\$15,000 FOS	\$0 FOS	\$5,000 FDS	
7102/1/2017	10/27/2017	12/31/2017	10/3/2017	10/3/2017	10/27/2017	12/31/2017	9/30/2017	9/30/2017	9/18/2017	
As directed by and in coordination with FEMA, Department of Energy will provide appropriate personnel to the NRCC, FEMA teams, or other facilities in support of FEMA response operations.	All purchases and expenditures must be conclusioned with FEMA. Planting and account the friends Account Office all (ADD). And invested by and in coordination with FEMA, the Department of Ferrary (10°2) agency personnel (to exclusion and property interes of the other USS agencies) willing to	deploy for a field assignment to supplement DHS/FEMA's disaster resones and exceever MGC. As directed by and in coordination with FEMA, then Department of Feregy (DDS) will provide permanent Federal Berry personnel (to exclude temporary hitse of the other DHS agencies) willing to deploy for a field assemment to supplement DHS/FEMA's disaster.	Activation of the property of the discount of	coordination of ERMA. Exclusions currels are not suphrovited Activation for appropriate DOE prescoved to perform the functions of EST 12 in the RRCE, IOF, IFO, incident Management Ausstearner Earn of IMAIT, Perfinancy Damage Assessment (PDA) Team, or other teams and locations, at the direction and control or control o	coordination of FERM. Explicance turchesses are not subvisited As directed by and in coordination with FERMs, the Department of Education will provide permanent Federal agency personnel (to esculbet bennown prince of the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FERMs disaster.	response and recovery effort. Ad directed by and in coordination with FRMA, the Department of Education will provide permanent Federal agency personnel (to educte temporary hires of the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FEMA's disaster for a suppression of the content of the	response Coordination Center to perform duties of DOI Laison at the DOI Desk to the FEMA NRCC in support of disaster operations in response to furricane	Activate Department of the Interior (DOI) to the FEMA National Response Coordination Cartier to DOI Desk to the FEMA to perform duries of DOI Laison at the DOI Desk to the FEMA NRCC in support of disaster operations in response to Hurricane.	As directed by and in coordination with FEMA, Department of Inherior (DOI) will provide appropriate personnel to support the Federal Search and Rescue Coordination Group (FSARCC), providing planning and coordinations assistance to EFP-8 earch and Rescue coordination assistance to EFP-8 earch and Rescue at the USRA Herndon Waterboase or other entities	As directed by and in coordination with FEMA, the US Department of Interior (DOI) will provide normanest Goderal
12	12	22	13	ដ	Ŋ	ιń	non-specific ESF	non-specific ESF	Œ	
DOE	DOE	DOE	DOE	DOE	DOED	DOED	ÖÖ	DOG	10 0	
09/17/17	71/E1/60	10/07/17	09/13/17	09/19/17	09/12/17	10/07/17	09/12/17	09/14/17	09/12/17	
71/11/20	71/51/60	71/70/01	09/13/17	09/19/17	09/12/17	10/07/17	09/12/17	09/14/17	09/12/17	
HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE JRMA	HURRICANETRMA	HURRICANE IRMA	
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4337DRFLD0E0102	239508 4337DRFLDOE0200	4937 DRFLDOE0201	239637 4337DRFLDOE0300	4337 DRFLDOE0301	239481 43370RFLDOED0100	4337DRFLDOED0101	239334 4337DRFLDGI0100	4337DRFLDGI0101	239346 4337DRFLDOI0200	
240288	239508	243213	239637	240491	239481	243215	239334	239926	239346	

FOS		FOS	SO	FOS	FOS	Fos	FOS	SO	FOS	SO	FOS
8,		\$5,000	(\$5,000)	\$5,000	\$127,211	\$10,000	\$700,000	\$	\$700,000	0\$	\$30,000
12/31/2017		10/12/2017	10/12/2017	10/12/2017	12/19/2017	10/5/2017	10/27/2017	12/31/2017	10/27/2017	12/31/2017	10/8/2017
As directed by and in coordination with FEMA, the US Department of Interior (DOI) will provide permanent Federal agency personnel (to exclude temporary hires of the other DHS	agencies) willing to deploy for a field assignment to supplement DI-S/FAMA's disaster resoones and recovery effort. Activation for appropriate DOJ personnel to perform duries in the ARCC, IOF, JFO, Incident Management Assistance Team (JMAT).	Preliminary Damage Assessment (PDA) Team, or other teams and teachers, as the direction and coordination of FEVA. Equipment ourchases are not authorized under this Mission Assignment. Ma activation for appropriate DOI personnel to perform duties in the	nact, lor, for, includent wangement Assistance restingiously, Preliminary Damage Assistance II (PDA) Team, or other teams and locations, at the direction and coordination of FEMA. Equipment ourchases are not authorized under this Mission, Assiemment. MA	Activation to appropriate Dol personwich particul dustrial in the RRCC, (Dr. JrC), Incident Management Assistance Team (MAT). Preliminary Damage Assessment (PDA) Team, or other teams and locations, at the direction and coordination of ERMA. Equipment burchases are not authorited under this Mission Assistment. Ma	"Deliverable and Tasks attracted in accordance with the Authorsh Disaster Recovery Framework (NDRF), activation of the Natural and Cultural Recources RSF to provide feeteral coordination with the appropriate Recovery Sucocof Furtion (RSP orman and support aeemics and Sucocof Furtion (RSP orman and support aeemics and	As directed by and in coordination with FRMA, Dept of the Interior (DOI) will provide appropriate personnel in support of FRMA operations in response to Hurrisane Irma. Funding for DOI command center(s), if authorized by FEMA, will be provided	under a superated by, and moordination with FENA, the US be directed by and moordination with FENA, the US Department of Labor will provide permanent refered a lag-incy personnel (to exclude temporary hires of the other DH's gennice) willing to deploy for a field assignment to supplement blist/FENA, classize reasonnes and recovery efforts.	Department of labor will provide permanent feeteral agency personnel (to acclude temporary hiese of the other Dh's agencies) willing to deploy for a field assignment to supplement bipsyFPMA states resonance and recovery refittor. A directed by and in coordination with EMA, the Us.	Department of State will provide permanent feach a lagency Department (to exclude temporary rines of the other Dr's agencies) willing to deploy for a field assignment to supplement Disk/FeAA's disast resonce and exceptive efforts, the List Addirected by an ill recoolingment will reconsist the control of t	Uestimento to season in proceed permanents received agencies) willing to design of the control to the control to the control to agencies willing to delayedy for its field assignment to applicant to plistification of the control to the control	pressoned to establish tell-free number(s) at the DOT HQ, or as
ιń		non-specific ESF	non-specific ESF	non-specific ESF	RSF	non-specific ESF	v	s	ν	kh	1
8		8	<u>8</u>	8	8	8	100	DOL	DOS	sog	DO1
10/10/17		09/14/17	09/14/17	09/15/17	09/16/17	09/18/17	09/13/17	10/07/17	71/27/17	71/20/01	09/12/17
10/10/17		09/14/17	09/14/17	09/15/17	09/16/17	09/18/17	71/81/50	10/07/17	71/21/20	71/70/01	09/12/17
HURRICANE JRMA		HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA
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4337DRFLDO10301		239853 4337DRFLDOI0500	4337DRFLDOI0501	239931 4337DRFLDO(0600	240067 4337DRFLDOI0700	, 240367 4337DRFLDOI0800	239530 4337DRFLDCIC100	4337DRFLIDOL0101	239459 4337DRFLDOS0100	4337DRFLDOS0101	239090 4337DRFLDOT0200
243275		239853	239961	239931	240067	240367	239530	243375	239459	243381	239090

								As directed by and in coordination with FEMA, Dept of Transportation (DOT) will provide appropriate personnel to NRCC			
239273 4337DRFLDOT0300	ТОЭОО	교	HURRICANE IRMA	09/12/17	09/12/17	POT	1	to support FEMA response operations. Funding for DOT command center(s), if authorized by FEMA, will	9/30/2017	\$210,000	FOS
								be provided under a separate MA. As directed by and in coordination with FEMA, the US Department of Transportation (DOT) will provide permanent			
239443 4337DRfLDOT0400	10400	교	HURRICANE IRMA	11/21/60	09/12/17	DOT	s	Federal agency personnel (to exclude temporary hires of the other DHS agencies) willing to deploy for a field assignment to	9/12/2017	\$700,000	FOS
								supplement DHS/FEMA's disaster resoonse and recovery efforts. As directed by and in coordination with FEMA, the US Department of Transportation (DOT) will provide permanent			
242789	4337DRFLDOT0401	교	HURRICANE IRMA	10/03/17	10/03/17	DOT	s	Federal agency personnel (to exclude temporary hires of the	12/31/2017	\$0	FOS
								orner Ursa agencies Willing to depoy for a rieda assignment to suolement UNF/FEMA's disaster response and recovery efforts. As directed by and in coordination with FEMA, Dept of Transportation (DOT) will provide appropriate assets and			
239477 4337DRFLDOT0500	т0500	ď	HURRICANE IRMA	09/13/17	71/51/60	DOT	1	personnel to establish toll-free number(s) at the DOT HQ, or as directed, for Emergency Responders supporting emergency relief	10/3/2017	\$30,000	FOS
								eforts. Staffine will be 24/7 by abortorists personnel durine As directed by and in coordination with FEMA, Dept of Transportation DOT/MARAD will provide ships as a floating			
239645 4337DRFLDOT0600	T0600	료	HURRICANE IRMA	09/13/17	09/13/17	Tod	7	housing facility, billeting, meals, shipboard support services for EEMA supposed nerconnel and such other related services	10/18/2017	\$2,999,767	FOS
								MARAD, and FEMA fointly deem necessary, as approved by the Activation for appropriate DOT personnel to perform the functions of ESF 1 in the RRCC, IOF, JFO, Incident Management			
239845 4337DRFLDOT0700	10700	료	HURRICANE IRMA	09/14/17	09/14/17	DOT	1	Assistance Team (IMAT), Preliminary Damage Assessment (PDA) Team or other teams and Incations at the disection and	10/3/2017	\$75,000	FOS
								coordination of FEMA. Equipment our chases are not authorized Activation for appropriate DOT personnel to perform the functions of ESF 1 in the RRCC, IOF, IFO, Incident Management			
240048	4337DRFLDOT0701	ď	HURRICANE IRMA	71/51/60	09/15/17	DOT	п	Assistance Team (IMAT), Preliminary Damage Assessment (PDA) Team, or other teams and locations, at the direction and	10/9/2017	\$50,000	FOS
								Consideration for spropriate DOT personnel to perform the functions of ESF 1 in the RRCC, IOF, JFO, Incident Management			
240306	4337DRFLDOT0702	교	HURRICANE IRMA	09/18/17	09/18/17	DO1	н	Assistance Team {IMAT}, Preliminary Damage Assessment {PDA} Team, or other teams and locations, at the direction and	10/3/2017	\$90,000	S
								coordination of FEMA. Equipment burchases are not authorized Activation for appropriate DOT personnel to perform the functions of ESF 1 in the RRCC, IOF, JFO, Incident Management			
243070	4337DRFLDOT0703	료	HURRICANE IRMA	10/07/17	10/01/11	DOT	н	Assistance Team (IMAT), Preliminary Damage Assessment (PDA) Team, or other teams and locations, at the direction and	11/4/2017	\$25,000	F0 S
								coordination of FEMA. Enuioment ourchases are not authorized Activation for appropriate DOT personnel to perform the functions of ESF 1 in the RRCC, IOF, JFO, Incident Management			
246867	4337DRFLDOT0704	귵	HURRICANE IRMA	11/08/17	11/08/17	DOT	- 1	Assistance Team (INAT), Preliminary Damage Assessment (PDA) Team, or other teams and locations, at the direction and coordination of FEMA. Evolument ourchasses are not authorized As directed by and in coordination with FEMA, Environmental	11/4/2017	\$100,000	50 <u>5</u>
239317 4337DRFLEPAO100	A0100	교	HURRICANE IRMA	09/12/17	09/12/17	ЕРА	10	Protection Agenoy (EPA) will provide appropriate personnel to NCCL to support FEMA response operations. Funding for FPA command center(s), if authorized by FEMA, will be provided under a separate MA.	9/18/2017	\$10,000	FOS

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Fos		DFA		DFA		FOS		FOS			DFA		į	4 Y		DFA		FOS		FOS		FOS	
\$700,000		\$525,000		\$9,000,000		\$90,000		\$86,267			\$675,000		000 000	\$10,000,000		\$675,000		\$700,000		0\$		\$63,000	
10/27/2017		10/3/2017		10/3/2017		10/15/2017		12/19/2017			10/3/2017			11/30/201/		11/30/2017		10/25/2017		12/31/2017		9/30/2017	
As directed by and in coordination with FEMA, the U5 Environmental Protection Agency (EPA) will provide permanent Federal agency personnel (to exclude temporary hires of the	other DHS agencies) willing to deploy for a field assignment to stoolement DHS that statistic response and recovery efforts. Hazard Assessment Response hearn needed to assess targeted hazardous substance, CERCLA, and oil facilities in the areas of	impact to ensure that hazardous materials, oil, etc. are not being released or have the potential to be released in the manner that threatens the life safety of the resoonse's & returning civilians.	As directed by and in coordination with FEMA, EPA will provide oil and hazardous material field response in support of FEMA	response operations. Field response activities may include the following: providing specialized expertise, conducting damage	assessment of oil/hazmat waste impact via air land or water. Activation for appropriate Etch Personnel to perform the functions of Etc 10 in the BETC INT. ECT Incident Management	Assistance Team (IMAT), Preliminary Damage Assessment (PDA)	Feam, or other teams and locations, at the direction and coordination of FEMA. "Deliverables and Tasks attached"	In accordance with the National Disaster Recovery Framework (NDRF), activation of the Environmental Protection Agency is	needed to provide sustainability advisement and federal coordination subbort to the Natural and Cultural Resources As requirested by EDEP FSERIO and in roordination with FEMA	EPA to provide debris specialist team to support DDMS setup and	operation within areas heavily impacted by Hurricane Irma. The team shall assist FDEP District Solid Waste staff with review of	recuests for new DDMS sites and provide expertise subport. As directed by FL SEOC ESF10 and coordinating with FEMA, EPA,	EPA will provide oil and hazardous substances	field response in support of FEMA response operations Activities may include the following; conducting assessments of	oil/hazardous substances impact via air. land or water contractor As requested by PDP/FSFIND and in coordination with FEMA, FPA to provide debris socialist team to subport		DMS setup and operation within areas heavily impacted by Hurricane Irma. The team shall assist FDEP As directed by and in coordination with FEMA, Federal Aviation Administration will irrorden anarymanan Enderal assert consol	(to exclude temporary hires of the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FEMA's disaster	response and recovery efforts. As directed by and in coordination with FEMA, Federal Aviation Administration will provide normanent Federal agency personnel	(to exclude temporary hires of the other DHS agencies) willing to deploy for a field assignment to sunniament DHS/FEMA's disacter	response and recovery efforts. As directed by and in coordination with FEMA, Federal	Communications systems in the affected area and identify surviving and non-working systems in support of FEMA response	operations. All burchases and expenditures must be coordinated with FEMA.
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EPA		EPA		EPA		EPA		EPA			EPA		i	EP.A		EPA		FAA		FAA		ä	
09/12/17		09/13/17		09/13/17		09/13/17		09/16/17			09/25/17		101000	10/01/17		10/02/17		71/11/60		10/07/17		71/21/60	
09/12/17		09/13/17		09/13/17		09/13/17		09/16/17			09/25/17			10/01/1/		10/07/17		09/11/17		10/01/11		09/12/17	
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239502 4337DRFLEPAG200		239476 4337DRFLEPA0300		239538 4337DRFLEPA0400		239779 4337DRFLEPA0500		240069 4337DRFLEPA0600			241311 4337DRFLEPA0700			243131 433/DKFLEPA1200		2431S9 4337DRFLEPA1300		239103 4337DRFLFAA0100		243382 4337DRFLFAA0101		239468 4337DRFLFCC0100	

239472	239472 4337DRFLFCC0200	표	HURRICANE IRMA	09/12/17	09/12/17	FCC	7	Communications Commission (FCC) will provide appropriate personnel to the RRCL, FEMA teams, or other facilities in support of FEMA response operations.	10/11/2017	\$3,000	FOS
240536	240536 43370RFLFLETCO100	4	HURRICANE IRMA	71/61/60	71/61/50	FLETC	ıя	As directed by and in coordination with FBMA, FLETC will provide permanent federal agency personnel (to exclude temporary hires or the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FEMA distater response and recovery	10/28/2017	\$616,000	FOS
243418	4337DRFLFLETCD101	교	HURRICANE IRMA	10/07/17	10/07/17	FLETC	w	Additionable by and in coordination with FEMA, FLETC will provide additionable permanent detail agency personnel to exclude temporary hires of the other DHS agencies) willing to deploy for a field assignment or supplement DHS/FEMA's disaster response and recovery	12/31/2017	oş.	FOS
239234	239234 4337DRFLFFS0100	교	HURRICANE IRMA	09/11/17	71/11/60	FPS	13	At the direction of, and in coordination with FoWA security personnel, F95 will provide appropriate physical security to support response and recovery operations in writtous states in the path of Hurricane Irms, Security of FBMA facilities will be based	10/11/2017	\$450,000	FOS
239842	4337 DRFLFP50101	5	HURRICANE IRMA	09/14/17	09/14/17	FPS	13	At the direction of, and the conducted and the the second to the second to the conducted and the direction of, and in conducted and the second to the support response and recovery operations in various states in the support response and recovery operations in various states in the conducted to the second to t	10/11/2017	\$475,000	FOS
241286	4337DRFLFPS0102	ದ	HURRICANE IRMA	09/22/17	09/22/17	297	13.8	refact security standards or pulses and present security for the direction of, and if no ordination with Flak security seconds; Psy will provide appropriate physical security to support response and recovery operations in whole states in the parth of Hurricane Irms. Security of FEMA facilities will be based	10/14/2017	\$160,588	F0S
239262	239262 4337DRFLGSA0200 ,	æ	HURRICANE IRMA	09/12/17	09/12/17	GSA	~	In KMA security standards, collocas and outsides; For PS and elected by and in coordination with FRMA, the General Services Administration (GSA) will provide permanent Federal search genery personnel (to exclude temporary hitses of the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FRMA; disaster researches and recogney efforts.	10/27/2017	\$700,000	Fos
243400	4337DRFLGSA0201	료	HURRICANE IRMA	10/07/17	10/07/17	GSA	и	and officected by the Cashall robodination with TeM, the General Services Administration (GSA) will provide permanent Federal agency personnel (to exclude temporary hires of the other DMS agencies) willing to delay for the field assignment to supplement DMS field assignment to supplement DMS field assignment or supplement DMS (FMAC critater response and recoverse field.)	12/31/2017	\$	FOS
239532	239532 4337DRFLGSA0300	료	HURRICANE IRMA	09/12/17	09/12/17	GSA	۲	Activation for appropriate GSA personnel to perform the functions of ESF 7 in the RRCL, IOF, Incline Management Assistance Team (IMAXI), Perliminary Damage Assistement Resistance Team (IMAXI), Perliminary Damage Assistement Robot Team, or other teams and forestrons at the direction and coordinates on FRMA.	10/3/2017	\$170,000	FOS
240341	4337DRFLGSA0301	료	HURRICANE IRMA	09/18/17	09/18/17	GSA	7	Activation for appropriate GSA personnet to perform the functions of ESA? In the RRCC, IOF, IFO, Incident Management Assistance Team (IMAT), Preliminary Damage Assassment (POM) Team, or forther teams and locations, at the direction and coordinates on FEMA.	10/8/2017	\$130,000	FOS
244014	4337DRFLG5A0402	ಷ	HURRICANE IRMA	10/12/17	10/12/17	GSA	7	Activation for appropriate GSA personnel to perform functions of ESF #21 in the RRCC, IOF, IFO, incident Management Assistance Term (IMAT), Preliminary Damage Assessment (PDA) Team, or other reams and locations, at the direction and coordination of	10/12/2017	\$4,013	FOS

FOS	FOS	F05	DFA	DFA	F0S	F0S	FOS	F08	FOS	FOS
\$5,000	\$15,000	\$700,000	\$15,498,000	\$4,650,000	\$10,000	\$1,500,000	\$1,632,920	\$56,910	\$1,694,000	0\$
12/1/2018	9/17/2017	7taz/1201	10/3/2017	10/3/2017	10/3/2017	10/3/2017	12/14/2017	11/30/2017	10/27/2017	12/31/2017
This MA will be used to assign GSA the responsibility a: (1) leasing agent and (2) for the administration and personnel support to secure the fullowing type of facility through a disaster lease to	Commodate 200 EMA & REP geronnel; (1) approximately 00 000 souge feet of office or warehouse soace. (2) to be leased As directed by and in coordination with FEMA Health & Human Service will provide appropriate inclient Response Coordination. Team (IRCC) Dersonnel to MRCL in support of FEMA response.	persistons. All nucleases and expenditures must be coordinated with FRAA Prior appropriated from the Federal Appropriate Chickial Softwietzeld by and in coordination with FRAA the Department of Health and Human Services (FHS) will provide personnel (to exclude temporary hires of the other DMS	egencialy Milling Obeloy for The idea Sasgement to supplement DHS/FEMX; situater response and recovery efforts. As directed by and in coordination with FRMA, deploy DMMTs, ASP, IRCT, partnarray personnel, equipment caches, pharmacy caches, and other team's personnel and materials needed to address unmet health and medical needs.	As directed by and in coordination with FEMA, deploy DMATS, DEP, RET, parameter caches, said other team's personnel, equipment caches, and other team's personnel and materials needed to address unmet health and medical needs.	Activation for appropriate HHS personnel to perform the functions of ESB in the RRC_LIOF, IrCO, Incledent Management adsistence retail (MAT), Pelleminary Damage Assessment (PDA) Team, or other teams and locations, at the direction and	And directed and in coordination curvatures are not subtrosted As directed and in coordination with FEAA, Health and Human Services (HHS) will staff and stage DMATS, IRCT, REC/LNOS, and Astronie IMSC forthest support Resonant with equipment caches or other teams as requested, to support unner health and poliverables and Tasks astached Hurrianne Irma.	in accordance with the National Disaster Recovery Framework (NDRF), activation of the Health and Social Services RSF to provide federal coordination with the appropriate Recovery	In accordance with the National Disaster Recovery Framework (NDRF), activation of the infrastructure Systems R5F to provide federal coordination with the appropriate Recovery Support federal coordination with the appropriate Recovery Support with the appropriate Recovery Support Mention (R5F) primary and support agencies and organizations as well as other Federal aeencies. State and grivate gescitor martiners.	As directed by and in coordination with FRMA (Ewil provide permanent Federal agency personnel (to sedduce temporary hires of the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FEMA's disaster response and recovery	Activities by and in coordination with FEMA, ICE will provide a directed by and in coordination with FEMA, ICE will provide permanent Federal agency personnel (to exclude temporary hires or the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FEMA adisaster response and recovery
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GSA	ниѕ	HHS	ннѕ	н	HHS	HS	HHS	IAIP	Ð	ĪŪ
10/04/17	71/11/60	09/13/17	09/14/17	71/61/60	09/14/17	09/14/17	09/15/17	10/03/17	09/13/17	77/20/01
10/04/17	09/11/17	71/E1/60	09/14/17	09/19/17	09/14/17	09/14/17	71/91/60	10/03/17	71/E1/60	10/07/17
HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANEIRMA	HURRICANE IRMA	HURRICANEIRMA	HURRICANE IRMA
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242859 4337DRFLGSA0500	239067 4337DRFLHHSO100	239511 4337DRFLHHSO400	239580 4337DRFLHHSOSOD	4337DRFLHHSOS01	239715 4337DRFLHHS0800	239838 4337DRFUHHS0900	240160 4337DRFLHHS1000	242578 4337DRFLAIPO100	239684 4337DRFLICE0100	4337DRFUCE0101
242859	239067	239511	239580	240462	239715	239838	240160	242578	239684	243384

239187	239187 4337DRFLNASAG100	교	HURRICANE IRMA	09/16/17	09/16/17	NASA	'n	As directed by and in coordination with FGMA, the National Aeronautics and Space Administration (NASA) will provide permanent federal agency personnel (to exclude temporary hires of the other DHS agencies) willing to deploy for a field assignment to supplement DMS/FEMA states response and recovery Addrested by and in coordination with TEMA, the National	7,02/22/01	\$700,000	f0S
243401	4337DRFLNASA0101	료	HURRICANE IRMA	10/07/17	10/07/17	NASA		Adenonatics and Space Administration (NASA) will provide permanent Federal agency personnel (to exclude temporary hire of the other DHS agencies) willing to deploy for a field assignment to supolement DHSTERMS assister reasons and recovery Attwastor for a ppropriate National Communication System (NCS)	12/31/2017	0\$	FOS
240555	240555 4337DRFLNC50100	ದ	HURRICANE IRMA	09/20/17	09/20/17	NGS	2	gestomets operating between the MATTA Preliminary of the MACL, JPO, JPO, JPO, JPO, JPO, JPO, JPO, JPO	9/30/2017	\$10,000	503
239610	239610 4337DRFLNGA0100	ಹ	HURRICANE IRMA	09/13/17	09/13/17	NGA	N	ecoptation-integlerize Agent (Versity mit protest any) and the collocarity. Not A Source Analyst serving 3-s 1 #Os Remote Sansing Specialists. Rate Republisher Services Of Services and Geographic Analysts and contract according to mass production of services and the coordinates of the mass production As directed by well no coordination with ERA. Mactical Oceanic & Americanical Administration (MAA) and my contract actions & Americanical Administratio	10/3/2017	\$117,500	FOS
239059	239059 4337DRELNOAAQ100	ಹ	HURRICANE IRMA	09/11/17	09/11/17	NOAA	ī,	may include, but is not limited to, reportly might entire Unspect which and distributes but is not limited to, reportly collecting, processing, and distributes high resolution, generating and limited may and for other with an and of many and in coordination with FRAN, Mattorial Cosmic Advancements of many for the coordination with FRAN, Mattorial Cosmic and mannershall processing and manufactures or Anna Manufactures or Many Mayorial Cosmic and manufactures or manufactu	9/30/2017	\$75,000	Fos
239594	239594 4337DRFLNDAA0200	4	HURRICANE IRMA	09/13/17	09/13/17	NOAA	'n	service (WWS), will provide appropriate personnel to the National Response Coordination Center (NRCC) to support FEVA response competition. Coordination Center (NRCC) to support FEVA response competition.	9/21/2017	\$18,000	SQ.
239639	239639 4337DRFLNGAAG300	d	HURRICANE IRMA	09/13/17	09/13/17	NOAA	īvī	Winspire principles and the complete and	9/16/2017	\$6,000	SO.
240213	4337DRFLNOAAD301	ಪ	HURRICANE IRMA	09/17/17	09/17/17	NOAA	'n	Amerapture Assimination (Coopty Institution Cases) asserting support (EMC) to the National Response Cooptimation Centre (NetC) to the National Response Cooptimation. Your seasons must validate the unliquidated MA balance at least distribution to the Cooptimation of the Cooptimation and MAC offices for present	9/30/2017	S\$	FOS
239813	239813 4337DRFLNOAAD400	£	HURRICANE IRMA	09/14/17	09/14/17	NOAA	м	and analysis of hazards from Huritane imm in the RRCE, 104, He Jo, Indeath Management, Assistance I beam (MAIL), Preliminary Damage Assessment (PolyTean), or other teams and locations and Advisation for appropriate WMS/GAA presented to provide a meteorological support, coordination with NMS offices, foresast	10/3/2017	\$6,000	POS.
246437	4337DRFLNOAAD401	ಹ	HURRICANE IRMA	11/02/17	11/02/17	NOAA	Ŋ	and analysis of hazards from Hurricame Irma in the RRCE, [OF, FI]. FI], Chieden Management, Assistance I beam (MAIL), Preliminary Damase Assessment (PoAlTean or other teams and localimis at As dirested all yand in coordination with FRM, Mistonal Protection, & Programs Directorate (PPDD) will provide	11/2/2017	(\$1,404)	So
239354	239354 4337DRFLNPPD0100	균	HURRICANEJRMA	09/12/17	09/12/17	NPPD	non-specific ESF	appropriate personnel to NRCC to support FEMA response operations.	9/30/2017	\$29,500	fos

239660 43370RFLNPPD0200	귵	HURRICANEIRMA	09/13/17	09/13/17	OPPD	Ŋ	As directed by and in coordination with FEMA, DHS HQ/National Protection and Programs Directorate (NPPD) will provide permanent Federal agency personnel (to exclude temporary hires	10/27/2017	\$1,008,000	FOS
							of the other DHS agencies) willing to deploy for a field assignment to sucolement DHS/FEMA's As directed by and in coordination with FEMA, DHS HQ/National Protection and Programs Directorate (NPPD) will provide			
4337DRFLNPPD0201	ಪ	HURRICANE IRMA	10/07/17	10/07/17	OPPD	un	permanent Federal agency personnel (to exclude temporary hires the other DPS agencies) willing to deploy for a field assignment to succlement, DBS/FRANS, as whistinon for appopriate National Protection and Programs Directorate (APP) personnel to medicine functions in the RRCC	7102/16/21	8	FOS
	균	HURRICANE IRMA	09/13/17	09/13/17	OPPD	non-specific ESF	IOF, JFO, Incident Management Assistance Team (IMAT), the leminary Damage Assessment (IOA) Team, or other teams and locations, at the direction and coordination of FEMA, all assistment of a direction and coordination with FEMA, page (PRPD) [8] will assistment and a statement of the procedure of the page (IOA) and a statement of the page (IOA) and IOA).	10/13/2017	97,500	503
	급	HURRICANE IRMA	09/19/17	71/61/60	OPPD	m	National incident Management Assistance Teams (H-MATs)and other teams and facilities as detected by FRAL to assist with the timely coordination and integration of infrastructure Protection As directed by and in coordination with FIAL SC Tosas Count (USCS) will provide absorbed as externed to support the Federal (USCS) will provide absorbed as externed to support the Federal	10/5/2017	\$35,000	Fos
	ದ	HURRICANE IRMA	09/12/17	09/12/17	NPS	on:	Search and Rescue Coordination Group (FSARCG), providing planning and coordination issuitance to ESP, search and Rescue at the USBA Herndon Warehouse or other entities and excities and Ast directed by what in coordination with FRAM, the US Mullear in Regulatory Commission (NRC), will provide permanent federal	9/30/2017	\$10,000	SO
	긊	HURRICANE IRMA	71/51/60	71/71/0	NRC	N)	agency personnel (to exclude temporary hires of the other DHS agencies) willing to deploy the field assignment to supplement DNS/ERMAX classite resconse and recovery efforts. As directed by and in coordination with FIAMA, the National Science Foundation MISPS will provide permanent reduct alseroy.	10/27/2017	\$700,000	Fos
	교	HURRICANE IRMA	09/12/17	09/12/17	ASF.	w	personnel (to exclude temporary hires of the other DHS agencies) willing to depty for a find a taggement to applement DHS/ERMAX classite resoons and recovery efforts. As directed by an off noordination with FishAx, the National Section of the National Page 1991.	10/27/2017	\$700,000	FOS
4337DRFLNSF0101	긭	HURRICANE IRMA	10/07/17	71/0/01	RSA	w	personnel (to exclude temporary hires of the other DHS agencies) willing to depty for a field agginment to supplement OHIS/FEMAX disaster resources and ecouver efforts. On As unrested by and in conditions with FEMAX the US office of Personnel Management (DM) will provide permanent federal	12/31/2017	\$	FOS
	4	HURRICANE IRMA	09/12/17	09/12/17	Mdo	s	agency personnel (to exclude temporary livies of the other DHS agencies) whiting to deploy the relief assignment to supplement DHS/ERMA; clisater resonas and recounty efforts. As directed by and in coordination with FRAN, the US office of Personnel Management (DMN) will provide permanent Federal	10/27/2017	\$700,000	SOF
4337DRFLOFM0101	4	HURRIGANE IRMA	10/07/17	71/20/01	MgO	v	agency personnel (to exclude temporary hires of the other DMS agencies) white to deaply as a field assignment to supplement DMS-ERMAX, disaster resource and recovery efforts. See a field assignment of the application white RAM, the U.S. small be subjected as will provide permanent tederal Business Administration (584) will provide permanent tederal	12/31/2017	05	SQ.
	겉	HURRICANE IRMA	09/15/17	09/18/17	58A	v	agency personnel (to exclude temporary hires of the other DHS agencies) willing to deploy for a field assignment to supplement	10/28/2017	\$700,000	FOS

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Ş	ŧ	\$700,000		000,007,4	\$700,000	Ş	3	\$23,870,000	0\$	\$36,000	000'62\$	\$20,000	000'08\$
12/31/2017		10/28/2017		1707/97/01	10/27/2017	7102/15/21		10/24/2017	12/31/2017	10/11/2017	10/11/2017	9/20/2017	9/30/2017
As directed by and in coordination with FEMA, the US Small Business Administration (SBA) will provide permanent Federal agency neconnel for exclude termonary bines of the other DHS	egencies) willing to deploy for a field assignment to supplement DHS/FEMA's disaster resconce and recovery efforts. As directed by and in coordination with FEMA, the Securities and Evhance Commission will recovery	personnel (to exclude temporary hires of the other DHS agencies) willing to deploy for a field assignment to supplement	DHS/FEMA's disaster resconse and recovery efforts. As directed by and in coordination with FEMA, the US Social Security Administration will provide permanent Federal agency	personnel (to exclude temporary nires or ne orner Dris agencies) willing to deploy for a field assignment to supplement DHS/FEMA's disaster resconse and recovery efforts. As directed by and in coordination with FEMA, the US	Department of Treasury will provide permanent Federal agency personnel (to exclude temporary hires of the other DHS agencies) will not a deliver for a field a scienment to simplement.	OHS/FEMA's disaster resoonse and recovery efforts. As directed by and in coordination with FEMA, the US Department of Treasury will provide permanent federal agency personnel for each lade semonary kins of the other DAS semonary	willing to deploy for a field assignment to supplement Du Citative disperses and second affects	Any income has a proper in the provide Any officers by and in coordination with FEMA, TSA will provide permanent Ferdara agency personnel to explored remporary hires of the other DHS agencies) willing to delately for a field assignment to supplement DHS/FEMA's disaster response and recovery	e folicited by and in coordination with FEMA, TSA will provide permanent Federal agency personnel to exclude temporary vines of the other DSA agencies y willing to deboy for a field assignment to supplement DHS/FEMA's disaster response and recovery	As requested by and in coordination with FEMA, CAP to provide a circaff vehicles and personantial to accomplish area lightly confined imaging and transportation of personnel/light cargo. Immediately controlled to the confined and the cargo indicate the cargo immediately cargo indicate the confined as sensonment of the assigned and the cargo indicate the	As a so uncertainty or of robot metaboon with FRMA, CAP to provide air requested by and in coordination with FRMA, CAP to provide air requested by and presonnel to accomplish sarial/ground imaging and transportation of estooney/light race, immediately post incident provide damage assessment and other assigned tasks as directed by FRMA, estoust still procearably be As directed by and in coordination with FRMA, 15 Air Force	(USAF) Auxiliary, Civil Air Patrol (CAP) will provide damage assessments and/or situational awareness to NRCC and other teams & facilities in subont of FRMA response boreations. USAF is responsible for	As directed by and in coordination with FEMA, US Coast Guard will provide subject matter experts to support the functions of ESF #12 by providing technical device on the mission assigned activities of their agency. The staff deployed must be able to
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48	Ş	SEC	i	*	TREAS	949	3	4 2	TSA	USAF	USAF	USAF	USCG
21/20/01		09/18/17		18/18/1/	09/12/17	21/20/01	it halot	09/19/17	10/07/17	09/12/17	09/14/17	09/12/17	09/12/17
10/02/17		09/15/17		09/15/1/	09/12/17	7.11.201.01	Toloi I	09/19/17	71/2/01	09/12/17	09/14/17	09/12/17	09/12/17
AMALANACISALH		HURRICANE IRMA		HORRICANE INMA	HURRICANEIRMA	AMOUNTANTIOOLET		HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA
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A33ZDRFI GRADIDI		240G00 4337DRFLSEC0100		239998 4370KFLSSA0100	239449 4337DRFLTREAS0100	PRINCES TO SERVICE SER	101000000000000000000000000000000000000	240273 4337DRFLTSA0100	43370RFLTSA0101	239209 4337DRFLUSAF0100	4337DRFLUSAFO101	239387 4337DRFLUSAF03DO	239124 4337DRFLUSCG0100
2044945		240900		239998	239449	0.490E.0	0000	240273	243351	239209	239870	239387	239124

							As directed by FL SEOC ESF 10 and in coordination with FEMA, US			
241446 4337DRFLUSCG1200	础	HURRICANE IRMA	09/25/17	09/25/17	nsce	10	Coast Guard (USCG) will provide oil and hazarbous substances field response in support of FEMA response operations. Field resonance artitrize man inclinite the following conduction.	11/30/2017	\$20,000,000	DFA
242172 4337DRFLUSCG1300	īď.	HURRICANE IRMA	09/29/17	09/29/17	USCG	o.	ssepament of olith-kandour community and advantage of olith-kandour community of olith-kandour community of our cloud of olith oli	9/30/2017	\$450,000	Pos So
243781 4337DRFUSCG1400	교	HURRICANEIRMA	10/10/17	10/10/17	USCG	6	support of restores operations. The state of	9/18/2017	\$424,900	DFA
239688 4337DRFLUSCISO100	ď	HURRICANE IRMA	09/14/17	09/14/17	USCIS	s,	Vivian in response to Hardinane in ma- Prior written aooroval from the rederal Approvine Official (FAO). As directed by and in coordination with FENA, USGIS will provide permanent Federal agency personnel (to exclude temporary hires of the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FENA's disaster response and recovery	10/27/2017	\$8,106,000	FOS
243332 4337DRFLUSCISO101	교	HURRICANE IRMA	71/70/01	10/07/17	USCIS	V1	efforts. As directed by and in coordination with FENA, USCIS will provide a directed by and in coordination with FENA, USCIS will provide permanent feater al gency personnel (to exclude temporary hires or the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FENA sidaster response and recovery	12/31/2017	85	FOS
139252 4337DRFLVSDA0100	4	HURRICANE IRMA	09/13/17	09/13/17	USDA	רע	deficition by and in coordination with FEMA, the United States deficied by and in coordination with FEMA, the United States personnel for exclude temporary hirse of the other Dris agency personnel for exclude temporary hirse of the other Dris agencies) willing to deploy for a field assignment to supplement.	10/27/2017	\$700,000	Fos
241993 4337DRFIUSDA0101	료	HURRICANE IRMA.	09/28/17	09/28/17	USDA	w	Ark/FRMA sidester resoons and recovery extract Are directed by and in coordination with FRMA, the United States Department of Agriculture will provide permanent Federal agency personnel (to exclude temporary fries of the other DNS agencies) willing to deploy for a field assignment to supplement DNS/FRMA sidasger resoonse and recovery efforts.	12/31/2017	000'005\$	FOS
239437 4337DRFLUSDA0200	ದ	HURRICANE IRMA	09/12/17	09/12/17	USDA	15	and a directed by and in coordination with FEWA, the US Department of Agriculture (USDA) will provide appropriate personnel in support of FEWA personnel in support of FEWA Mill numbases and accessed to the control of	9/30/2017	\$10,000	Fos
239893 4337DRFLUSDA0201	ď	HURRICANE IRMA	09/16/17	09/16/17	USDA	11	inchringen, auf no confinition with Friends. As directed by and in confinition with Friends. The U.S. Department of Agriculture (USDA) will provide appropriate personnel in support of FEMA operations in response to Tropical Cyclone harvey.	9/30/2017	\$10,000	FOS
239619 4337DRFLUSDA0300	ಹ	HURRICANETRMA	09/12/17	09/12/17	USDA	11	Activation for superporter USDA personnel to perform the Activation for appropriate USDA personnel to perform the functions of EFS 1.1 in the RRCC, IOF, IPC, Incident Management Assistance Team (MAT), Perlininary Damage Assessment (PDA) Team, or other teams and locations, at the otherston and	10/11/2017	\$10,000	FOS
4337DRFLUSDAG301	æ	HURRICANE IRMA	09/16/17	09/16/17	USDA	11	doctionation for appropriate, USDA personnel to perform the functions of EFS 11 in the RRCC, IDC, IRC, Includent Management Assistance Team (MAT), Perliminary Damage Assessment (PDA) feam, or other teams and locations, at the direction and	10/11/2017	\$70,000	FOS

FOS	FOS	FOS	FOS	Ş	S	FOS	FOS	SO	FOS	FOS
\$50,000	(570,000)	\$221,160	\$700,000	\$700,000	\$8,269,245	\$2,658,500	\$0	000'05\$	000'05\$	\$3,500,000
10/11/2017	10/20/2017	12/19/2017	7102/2017	12/31/2017	10/3/2017	10/3/2017	10/30/2017	10/20/2017	10/20/2017	9/26/2017
Activation for appropriate USAA personnel to perform the functions of ESF 11 in the RECC, IOF, IPO, Incident Management Assistance Team (IMAT), Preliminary Damage Assessment (PDA) Team, or other teams and locations, at the direction and	Activation for appropriate USDA personnel to perform the functions of ESF 3.1 in the RRCC, IOF, IFO, incident Management Assistance from (IMAI). Perleminary Damage Assessment (PDA) Team, or other teams and locations, at the direction and coordination of FMA.	Understands and usas advantaged in understanding the In accordance with the National Disaster Recovery Framework (NDRT), post declaration activation of the Housing SSF to provide declaration confination with the appropriate Recovery Support Funçtion (RST) to fring van autocont americal and of prainations as Function (RST) to fring van substances.	So directed to Native (DOJ) will provide permanent Federal agency personnel (to sciolded temporary hires of the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FEMA, statistic recognes and recognery.	as directed by and in coordination with return, the Os Department of Justice (DOJ) will provide permanent Federal agency personnel (to exclude temporary hires of the other DHS agencies) willing to deptoy for a field assignment to supplement DHG/FEMA, subassign resoons and recovery.	as directed by alon in coordination with 1 throw, Lepp or Justice (DDJ) 15f #13 National Coordination Center ((UCM) 11f 1000 to an intend cleder il law enforcement officer (IEC) Quick Response 1 team (GRT), or other security weams as equived to provide force mortication, security and regeral law As directed by and in coordination with FRMA, Detroit Justice	(DD)) 55 # 13 National Condination Center (NC) will provide an armed Federal law enforcement officer (ELO) Quick Response Team (GRT), or other security learns as (ELO) Quick desponse Team (GRT), or other security learns as (ELO) Quicked by and in coordination with FEVA, Dept of Justice	(DOJ) ESF #13 National Coordination Center (NCC) will provide an armed feateral law enforcement officer (NCC) will provide an armed feateral law enforcement officer (ELEO) Quick Response Team (QRT), or other security teams as required to removide force contraction, security and expensal law	Activation for appropriate USD) personnel to perform the functions of ESF 13 in the RRCL, IDC, IRQ, Indicent Management Assistance Team (MAT), Preliminary Damage Assistance Team, or other teams and locations, at the direction and coordination or other teams and locations, at the CERMA. As directed to and in coordination with FEMA, USDO, to crowide	community relations translators fluent in Spanish, Creole or others that may be requested, to support disaster operations at DNCs, with DSA staff or other locations. All nuchrases and exceeditures must be coordinated with FEMA.	provide suw teams (2 person team of 1- sawyer and 1- swamper) with the equipment necessary to clear failen trees, brush, and debris from State, County, and City roads to facilitate emergency access in disaster area in support of FEMA response operations.
11	11	RSF	и	и	13	13	13	£1	15	4
USDA	USDA	USDA	rasn	uso	rasn	rgsn	USDI	uspı	USDJ	USFS
09/19/17	10/20/17	09/16/17	09/13/17	09/30/17	09/12/17	09/14/17	10/02/17	09/21/17	09/22/17	09/12/17
71/61/60	10/20/17	09/16/17	09/13/17	09/30/17	09/12/17	09/14/17	10/02/17	71/17	09/22/17	71/11/00
HURRICANEIRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE JRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANEJRMA	HURRICANE IRMA
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4337DRFLUSDA0302	4337DRFLUSDA0303	240142 4337DRFLUSDAGSOD	239528 4337DRFLUSDIO100	4337DRF USDJ0101	239563 4337DRFLUSDJ0200	4337 DRFLUSDJ0201	4337PRFLUSDJ0202	240773 43370RFLUSDI0300	240997 4337DKFLUSDJ0400	239324 4337DRFLUSFS0100
240527	245227	240142	239528	242487	239563	239839	242560	240773	240997	239324

FOS	FOS	FOS	Fos	DFA	DFA	FOS	FOS	FOS	FOS	
\$110,000	000'05\$	\$300,000	8	\$2,200,000	0\$	\$339,000	\$188,500	\$300,000	\$700,000	
9/30/2017	10/3/2017	10/3/2017	12/31/2017	9/14/2017	10/3/2017	10/3/2017	10/3/2017	10/16/2017	10/26/2017	
As directed by and in coordination with FEMA, US Forest Service (USFS) will provide appropriate personnel to NRCC, or other facilities in support of response operations.	Funding for USFS command center(s), if authorized by FEMA, will be provided under a separate MA. Activation for appropriate USFS parsonnel to perform the Activation for ESFS 4 in the RECC, IGF. EFO, Incident Management Assistance Team(MAT). Preliminary Damage Assessment (PDA). Team or other teams and locations, at the direction and	coordination of FBMs. Activation for appropriate USF9 personnel to perform the Activation for appropriate USF9 personnel to perform the functions of ESF at the RRC, IOF, IFO, incident Management Assistance Team (IMAT), Preliminary Damage Assessment (PDA). Team, or other reams and locations, at the direction and	coordination of FRMA, a personnel to perform the Activation for appropriate USFS personnel to perform the inclusions of EFA in the RRC, Opf. Flo. Includent Management Assistance Team(IMAT), Perliminary Danage Assessment (EDA) Team, or other teams and locations, at the direction and	Coopinitation of Florida for incident Management Teams and Support to state of Florida for incident Management Teams and personnel to support a Regional Staging Area, Logistics Staging Area, Responder Base Camp, and Command & Control.	All purchases and expenditures must be coordinated with FEMA. Support to state of Florids for incident Management Teams and personnel to support a Regional Staging Area, Legistics Staging Area, Responder Base Camp, and Command & Control.	All purchases and excenditures must be coordinated with FENA, and sinested by word in coordination with FENA, USGS will provide advance support, real-time field measurements, and daily respecting of water heights in feller at support and for situational awareness of FENA response operations for a high-water of flood exert, mist if only are september for a high-water of flood and provided in the provided of the	advance support, real-time field measurements, and daily reporting of water heights in direct support and for situational awareness of FEMA response operations for a high-water or flood	event, Intial focus areas for that Wo collection and flow event, Intial focus areas for that Wo collection and flow advance support, rest-time field measurements, and daily respecting of water heights in direct support and for situational awareness of F&M response operations for a high-water of flood event, initial floods areas for HWM collections and flow research.	To success or small coolingwise ment and to seek colps will provide permanent federal agency personnel (to exclude temporary hires of the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FEMA's disaster response	and recovery efforts. As directed by and in coordination with FEMA, Peace Corps will provide permanent Federal agency personnel (to exclude
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USFS	USFS	USFS	USFS	USFS	USFS	USGS	USGS	0565	USPC	
09/12/17	09/12/17	09/13/17	71/70/01	09/14/17	09/14/17	09/13/17	09/19/17	09/28/17	09/17/17	
71/21/60	09/12/17	09/13/17	10/07/17	09/14/17	09/14/17	71/21/20	71/61/60	09/28/17	09/15/17	
HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA.	HURRICANE IRMA	
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239432 4337DRFLUSFS0200	2395SS 4337DRFLUSFS03C0	4337DRFLUSF50301	4337DRFLUSF50302	239859 4337DRFLUSFS0400	4337DRFLUSFS0401	239606 4337DRFLUSGSO100	4337DRFLUSGS0101	4337DRFLUSGS0102	239728 4337DRFLUSPC0100	
239432	239555	239664	243361	239859	239936	239606	240514	241901	239228	

\$3,360,000 FOS	\$0 FOS	\$224,000 FOS	\$0 FOS	\$2,100,000 FOS	\$1,890,000 FOS	\$80,000 FOS	\$220,000 FOS	\$80,000 FDS	\$445,000 FOS	\$91,000 FOS
	72017		2017							
tal (to 3 to 10/28/2017 disaster	tal (to 5 to 12/31/2017 disaster	ervice to 3 to 10/28/2017 disaster	ervice to g to 12/31/2017 disaster	it ee other 10/27/2017 ent	stage 9/30/2017	e nent (PDA) 9/30/2017 srized	enent (PDA) 10/31/2017	for for se 9/23/2017 nent,	for te 10/31/2017 nent,	sess te 10/14/2017
As directed by and in coordination with FRMA, the US Possal Service will provide permanent Federal agency personnel (to exclude temporary hires of the other DHS agencies) willing to deploy fro a field assignment to supplement DHS/FEMA's disaster	response ago freeway officials. As directed by and in coordination with FEMA, the US Postal Service will provide permanent Federal agency personnel (to exclude temporary hires of the other DMS agencies) willing to deploy for a field assignment to supplement bly/FEMA's idisaster response and recovery efforts.	So a present by an immodification must represent the very to defect the very lead of the ve	As derected by and in coordination with FRAM, D'S secret Service (USSS) will provide permanent Federal agency personnel (to exclude temporary lives of the other DHS agencies) willing to decloy for a fled stagment to supplement DHS/FEMA's disaster	As differed by and in cooldination with FRAM, the US Department of Veteran Affairs (NA) will provide permanent Feteral agency personnel (axulding temporary hires of the uther US agencels to deploy for a field assignment to supplement OHS, Fight (ARM), a disaster resognee and recogne	As directed by and in coordination with FKMA, USACE will temporary power support assets for emergency power generation to the affected area in support of FEMA response operations.	Activation for appropriate USACE personnel to perform the functions of ESF 3 in the RACE, IOF, IRO, Incident Management Assistance feam (IMATI, Preliminary Damage Assessment [POA] Tealminary Damage Assessment [POA] Team, or other teams and locations, at the direction and coordination of FEMA, Eculoment ourchasses are not authorized	Activation for appropriate USACE personnel to perform the functions of Est an INAATI, Preliminary Damage Assessment (Poly End. of Carlon Cassivance Feam (INAATI, Preliminary Damage Assessment (Poly Carlon, or other teams and Castions, at the direction and continued of the Carlon Ca	Proposition and activate USACE following state in under proposition and activate USACE following and preparation activities for USACE and/or EMAR federal perations. Logistics sosistance includes resource intacking, receiving, warehouse management, peraticipant and management propositions and management proposition and activities (MACE foundations).	team (IVFT) to support planning and preparation activities for USACE and/or FEMA federal operations. Ligistics assistance includes resource tracking, receiving, warehouse management issuine gouloment operations and maintenance, and property issuine gouloment operations and maintenance, and property	As directed by and in coordination with FEMM, USACE will activate the management element of the Debris PRT to assess need and coordinate emergency planning with appropriate
ivi	ın	vi	s	N.	m	m	m	~	7	m
usps	USPS	SSSD	SSSO	>	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD
09/15/17	71/0/01	09/19/17	10/07/17	09/13/17	71/71/00	71/11/20	09/20/17	71/11/60	09/20/17	71/11/00
71/21/60	10/07/17	09/19/17	10/07/17	71/21/17	71/11/60	71/1/60	09/20/17	71/11/60	71/02/60	71/11/60
HURRICANEIRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA
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239937 4337DRFLUSPS0100	4337DRFLUSPS0101	240559 4337DRFLU5S80100	4337DRFLUSSSO101	239457 4337DRFLVA0100	240223 4338DRGACOE-5AD0100	240224 4338DAGACOE-SAD0200	4338DRGACOE-SAD0201	240260 4338DRGACOE-SAD0300	4338DRGACOE-SAD0301	240251 4338DRGACDE-5AD04D0
239937	243365	240559	243334	239457	240223	240224	240724	240260	240723	240251

fos	FOS	FOS	FOS	FOS	FOS	F0S	FOS	Š	FOS	FOS
\$270,000	\$75,000	\$5,400,000	\$1,800,000	\$140,000	\$30,000	\$5,000	\$10,000	\$42,000	\$34,000	\$170,000
11/20/2017	11/20/2017	2/23/2018	2/16/2018	9/30/2017	10/27/2017	12/5/2017	9/30/2017	9/30/2017	10/11/2017	10/30/2017
As directed by and in coordination with FEMA, USACE will provide FEMA with specialized expertise for oversight of debris operations in support of response operations.	Support may include the followine: oroxidine information on As directed by and in coordination with FINA, USCE will provide FEMA with specialized expertise for oversight of debits operations in support of response operations.	Support may include the followine; providine information on Finan the Netherd Annianor Ogenization, Job., 348f to be trained at EMI, deploy staff as directed by FEMA to Georgia to serve as either Public Assistance Site Inspections or Program Delinery Managers. Request that as the RAD staff finish their training at EMI hey debotow within 350 percent days. RADS will As directed by and in coordination with 350 sections.	Corps of Engineers (USACE) will activate and deploy Environmental/NEPA, or other specialist personnel to assist with response/recovery activities associated with 433BDR-GA.	Seceialists will sastis with termomental and historical sceletists by and in coordination with EMA, DOD will provide Defense Coordination Officer(s) with supporting tastf defenset(s) (DCO)DCE(s) to the RRCC Region V Join Field Office, DIC, or other locations, to provide DOD regions I fromwiedge requirements an eligibion, and allipsion, including as necessary State (frequency additional provides DOD regions of provides and proposition of the provides DOD regions of the provi	(DOD) will provide facility and support as a FEMA incldent Support Base (ISB), Federal Staging Area (FSA), to support forward distribution of supplies or equipment and/or FEMA Federal lean Stagner Foulity (FTS) fig pregromel and spanys to	As districted by and inconditions with Fish, bethe of between (IOD) provides the Robins ABS Conference Center, or equivalent, facility to serve as a FEMA Federal and State Team Joint Fields Office (FIO) for personnel in support of FEMA distance NA338-64, coverifying in the State of Sigoriae Ion protropmently 100.	Accordance of ESF 1 in the RACE, IOF, JRO, Incident Wangement Assistance Team (IMAT), Preliminary Damage Assessment (PDA) Team, to other teams and locatons, at the direction and coordination of ERM. Fouriering and the presence of the pres	At directed by and in coordination with FEMA, Federal formunications systems in the affected area and identify surviving and non working systems in support of FEMA response operations.	At the direction of and in coordination with FEMA, Federal Protective Service (FPS) will provide appropriate physical security to support response and recovery operations in the State of Georgia. Security of FEMA facilities will be based on FEMA security, standards, policies, and one others.	At une unlease service (FFQ), will provide appropriate physical security to support response and recovery operations in the State of Georgia. Security of FFRMs facilities will be based on FFMM security of FFRMs facilities will be based on FFMM.
m	m	m	m	non-specific ESF	,	7	1	2	13	13
COE-SAD	COE-SAD	COE-SAD	COE-SAD	gog	900	DOD	TOO	PCC	PPS	FPS
09/21/17	10/30/17	09/29/17	10/13/17	71/1/17	09/22/17	10/06/17	71/11/20	71/11/60	09/17/17	71/17
71/11/60	10/30/17	09/29/17	10/13/17	71/11/20	09/22/17	10/06/17	71/11/0	71/11/10	71/11/20	71/12/60
HURRICANEIRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANE IRMA
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240842 4338DRGACOE-SADOSGO	4338DRGACOE-SADO501	242302 4338DRGACDE-SADD600	244248 4338DRGACOE-5ADQ700	240225 4338DRGADODO100	241147 4338DRGADODO200	243358 4338DRGADOD0300	240230 4338DRGADOTO1.00	240256 4338DRGAFCC0100	240278 4338DRGAFF50100	433BDRGAFP50101
240842	246020	242302	244248	240225	241147	243358	240230	240256	240278	241912

SQ.	FOS	SÕ.	FOS	FOS	FOS	DFA	DFA	DFA	FOS	FOS
\$10,000	\$568,463	\$12,775	\$30,000	\$15,000	000'5E\$	\$1,000,050	03	0\$	\$3,000,000	\$10,000
10/11/2017	12/22/2017	10/31/2017	9/28/2017	10/14/2017	10/14/2017	10/15/2017	10/15/2017	12/4/2017	9/23/2017	10/30/2017
Activation for appropriate GSA personnel to perform the functions of ESF in the RSCL, [OF, ;FG), indicatent Management Assistance Team (IMAT). Pediminary Damage Assessment (PDA) Team, or other teams and locations, at the direction and Coordination of EFBA, with the Provide appropriate personalists to assist FRMA with the	development of Project Worksheets as PDMG, Site inspectors, and or subject matter experts in the Siste of Georgia. Specialists must be familiar with FEMA project worksheet process. Individuals should have exceptence in electrical electrical electrical electrical electrical.	VAZBVI personal to attend two week program celivery training course(s) at EMI in Emmitsburg, MD on the PA Model, Grants Management tool, jorint or field deployment in support of the Infrastructure Branch 43380R-GA Joint Field Office. Upon compelior of training the sergonnel will be immediately sent on As requested by and in coordination with FRMA, CAP to provide	aircraft/welveles and personnel to accompists aerial/ground imaging and transportation of personnel/light rateo. Immediately post incident provide damage assessment and other assigned As directed by and in coordination with FEWA. USGS will provide As directed by and in coordination with FEWA. USGS will provide	appropriate personnel to the RRCC, IOF, JFO, FEMA Incident Management Assistance Teams (IMATs), or other entities or facilities in support of response	coepstons, and in coordination with FEMA, USCG will provide appropriate personal to the RKCL, DCL, FC, EMA incident Management Assistance Teams (IMATS), or other entitles or facilities in support of response	operations. 4 directed by and in coordination with FENA, US Coast Guard (USCG) will provide oil and hazardous material field response in support of FENA response operations. Field response activities may include the following providing specialized expertine, conflucting dimane assessment of oil/Negman waste impactive	As unrested by an in condumentor with the AS observation (USCS) will provide oil and hazardous material field response oil usupport of FIMA response operations. Field response activities may include the following, providing specialized aspertites, vigorialization disparation, which impacts a conducting disparation whether whether integrals are presented in the properties of the provided provided and provi	elected by the control with the control of the cont	As directed by and in coordination with FRMs. US Forest Services (USFS) and DOI will provide command, control, and coordination resources, to include command and general stiff members or personne with other specialized qualification; to assist FEMA with fineleightine and emergency coeraptops; in support of FEMA, with fineleightine and emergency coeraptops; in support of FEMA.	As alrected by and in booldmation with Frink, Usado will provide appropriate personnel in support of FEMA operations in response to Hurricane Maria.
7	m	m	7	non-specific ESF	non-specific ESF	non-specific ESF	non-specific ESF	non-specific ESF	4	non-specific ESF
GSA	TVA	ΔV	USAF	USCG	nsce	nsce	USCG	nsce	USFS	AD D
71/11/60	09/29/17	10/05/17	09/17/17	09/17/17	09/22/17	09/21/17	71/22/60	11/06/17	09/18/17	09/30/17
71/17/17	09/29/17	10/06/17	71/17	71/11/00	09/22/17	09/21/17	09/22/17	11/06/17	09/17/17	09/30/17
HURRICANEIRMA	HURRICANEIRMA	HURRICANEIRMA	HURRICANE IRMA	HURRICANE IRMA	HURRICANETRMA	HURRICANE IRMA	HURRICANEIRMA	HURRICANEJRMA	HURRICANE IRMA	HURRICANE MARIA
GA	89	GA	6A	ВA	89 49	ę,	6A	GA A	Q.A.	Æ
240281 4338DRGAGSA0100	242299 4338DRGATVA0100	243359 4338DRGATVAO20D	240282 4338DRGAUSAFD100	240326 4338DRGAUSCG0200	241155 4338DRGAU5CG0201	240805 4338DRGAUSCG0300	241171 433RDRGAUSCG0301	246689 433BDRGAUSCG0302	240284 4338DRGAUSFS010D	242470 4339DRPRAIDO100
7	N	77	24	1.4	7	~		,,,		

\$1,400,000 FOS	\$10,000 FOS	\$75,000 FOS	\$351,000 DFA	\$100,000 F0S	\$100,000 FOS	\$980,000 FOS	\$0 FOS	\$2,500,000 DFA.	\$0 DFA	\$150,000 FOS
12/31/2017	11/6/2017	11/11/2017	11/1/2017	10/17/2017	10/17/2017	12/24/2017	12/31/2017	10/31/2017	11/30/2017	11/7/2017
As directed by and in coordination with FRAA, the US Agency for international Development (USAID) will provide permanent Federal agency personnel (to exclude temporary hires of the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FEMA's disaster resonnee and recovery efforts.	Procure and transport aqua purification tablets from Panama to Puerto Rico.	As requested by and in coordination with FEMA, the United States Agency for international Development (USAD) with provide USAD personnel sasts in the following duties: BADGING AND Fingerstrotting using FEMAs effections in Flegerprint kits and HSPD. The personnel was a second of the personnel of the CADGING CONTROL of the CADGING CONTROL OF THE CADGING USAD CONTROL OF THE CADGING USAD CONTROL OF THE CADGING USAD CONTROL OF THE CADGING USAGE OF TH	BOX DIMENSIONS:	Learth, Wolffer Heisth Volumer Heisth Audie Learth House A directed by and in coordination with FEMA, CBP will provide appropriate personnel to NETC and other locations as directed by EEMA to support FEMA response operations.	provided under a senative with FEMA, Customs & Border As directed by and in coordination with FEMA, Customs & Border Protection (EDP) will provide acted lineighte, mage transfer, full motion video streaming (BigPite), and Processing Exploitation and Dissemination (PED) to support FEMA situational awareness	and immediate response. As directed by and in coordination with FENA, the Department of As directed by and in coordination with FENA, the Department of Homeland Security (DHS)(USC Statum & Bodode Protection (EDP) will provide permanent Federal agency personnel (to excludible temporary hires of the other DNS agencies) withing to dealon for a find assignment to suppression EUA/FENA, distanct response. As directed by and in coordination with FENA, the Department or	Homeland Security (DHS)/US Customs & Border Protection (CBP) will provide permanent Federal agency personnel (to exclude temporary hirse of the other DHS agencies) willing to deploy for a field sectionment of PKFFMAX citisater reconse	As directed by and in coordination with FBAA, U.S. Customs and be order Protection (CB9) Air and Manine Operations (AMO) will provide appropriate aircraft, marine vessis, personnel, or any other assets to support operations for Search and Rescue, reconnaissance, paistiss, or worther mission repeased by de directed by and in coordination with FBMA, U.S. Customs and	Border Frotection (CBP) Air and Marine Operations (AMC) will provide appropriate aircraft, marine vessels, personnel, or any other assets to surport operations for Saarch and Recue, coronassance, objecties, or and volter mission receutated by As directed by and in coordination with FRMA, Customs & Border As directed by and in coordination with FRMA, Customs & Border	Protection (EEP) will provide a propriet a subject matter experts to the Fuerth fixe, Joint Information Center in Laupport of response operations. The subject matter experts will report directly to ESP-15 and will steek outblick on behalf of CBP and directly to
non-specific ESF	7	non-specific ESF	7	13	13	и	5		^	15
AID	AID	AID	AID	GB	CBP	930	CBP	СВР	Ð	CBP
10/03/17	10/06/17	10/10/17	10/19/17	09/22/17	09/23/17	09/25/17	10/07/17	09/28/17	11/04/17	10/07/17
10/03/17	10/06/17	10/10/17	71/61/01	09/22/17	09/23/17	09/25/17	10/07/17	71/32/17	11/04/17	10/07/17
HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA
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242647 4339DRPKAIDU200	243180 4339DRFRAID0300	243581 4339DAPRAIDD400	244742 4339DRPRAID0500	241087 4339DRPRCBP0100	241308 4339DRPRCEP0200	241566 4339DRPRCBP0300	4339DRPRCBP0301	242007 4339DRFRCBP040D	4339DRPRCBP0401	143486 4339DRPRCBF0500
242647	243180	243581	244742	241087	241308	241566	243164	242007	246534	243486

FOS	FOS	FOS	DFA	DFA	605	žo.	Fos	Fos	FOS	FOS
\$150,000	\$15,000	\$10,000	\$200,000	\$500,000	\$40,000	\$	\$60,000	\$60,000	\$80,000	\$250,000
11/30/2017	10/25/2017	11/3/2017	11/2/2017	12/91/2017	11/1/2017	12/20/2017	7102/1/11	11/30/2017	7102/50/2017	7702/21/2017
_			11	12/	#				12/	
As unexast by anoth coordination with Fernal, Customs & borde Protection (CBF) will provide appropriate subject matter experts to the Puerto Rico Joint Information Center in support of reconse constrions. The subject matter secret will const.	reports operations in reports were report of directivity to ESF-15 and will seek outlettly on behalf of CEB and As intected by and in coordination with ERMA, Corporation for National Community Service (CKG) will provide appropriate personnel to the NRCC, and other teams and facilities as directed by FEMA, in support of FEMA response operations.	As directed by and in coordination with FEMA, Corporation for National Community Service (CMCS), will middle appropriate personnel to the NRCs, and other teams and facilities as directed by FEMA, in support of FEMA response operations.	As directed by and in coordination with FEMA, Corporation for National Community Sevence (CNSC) will dishop personned to support activities in, but not limited to, the following areas in support of FEMA response operations: shelter, feeding,	donations and outpriese installerement, wearhousine, note that donations and outpriese installerement, with REVA, Creporation for National Community Severe (CICIS) will deletely personnel to support activities in, but not limited to, the following areas in support of FEMA response operations; shelter, feeding,	onstators and outlanese massement, wasterousins, nor addrested by and in coordination with FEMA, Carporation for National Community Service (CNCS) will provide appropriate personnel to FEMA operations in response to Hurricane Maria.	Fundine for CNC3 command center(s). If authorized by FEMA, will As directed by Min Inconditation with FEMA, Corporation for National Community Service (CNC5) will provide appropriate personnel to FEMA operations in response to Hurricane Maria.	Funding for CNCS command center(s), if authorized by FEMA, will As directed by and in coordination with FEMA, Corporation for National Community Service (CNCS) will provide appropriate bersonnel to Experiention in response to Hurtimean Maria Details. The CNCS subject matter experts will report to ESE-15 in		As directed by and in coordination with FEMA, Corporation for National Community Service (CNCS) will provide appropriate personnel to FEMA operations in response to 4339PR.	Fundine CNCS command center(s), if authorited by FENA, will be As directed by and in coordination with FENA, Corporation for Mational Community Service (CNCS) will deploy personnel to support activities in, but not limited to, the fullowing areas in support of FENA response operations: ahelter, feeding.
15	13	non-specific ESF	ω	v	non-specific ESF	non-specific ESF	non-specific ESF	non-specific ESF	non-specific ESF	w
GB	CNCS	CNCS	CNCS	CNCS	CNCS	CNCS	CNCS	CNCS	CNCS	CNCS
10/20/17	09/26/17	10/20/17	09/28/17	10/13/17	09/28/17	11/06/17	71/70/01	10/21/17	10/12/17	10/16/17
10/20/17	09/26/17	10/20/17	09/28/17	10/13/17	09/28/17	11/06/17	10/07/17	10/21/17	10/12/17	10/16/17
HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA
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4339DRPRCBP05D1	241719 4339DRPRCMC50100	4339DRPRCNCS0101	242041 4339DRPRCNC50200	4339DRPRCNCS0201	242120 4339DRPRCNCS0300	4339DRPRCNCS0301	243462 4339DRPRCNCSO400	4339DRPRCNCS0401	243964 4339DRPRCNCS0500	244538 4339DRPRCNCS0600
245030	241719	244852	242041	244038	242120	246628	243462	245065	243964	244538

DFA	DFA	DFA	DFA	DFA	FOS	FOS	FOS	F0S	505	FOS
\$5,000,000	0\$	000'000'02\$	Q\$	000'000'05\$	000'06\$	\$150,000	\$405,000	\$2,900,000	(\$857,908)	\$450,000
10/17/2017	10/17/2017	11/2/2017	12/17/2017	7102/71/21	10/17/2017	10/17/2017	12/1/2017	10/27/2017	10/27/2017	10/23/2017
As requested by the EM 3991 Puerto Rico and in coordination with EMA, USAGE will activate and deploy the Debris PRT to coordinate and execute all necessary actions associated with chants clearner armousl and for discosal title management from chants.	built procept in the Affected areas necessary to eliminate or strength and the Affected areas necessary to eliminate or strength and the EM 353 percent following the coordination with EDA, LSACE will arthard a and deptoy the Debris SRT to coordinate and execute all necessary actions associated with	earls clearance, iranoval, androf of obposis are management from bublic orogenty in the affected areas necessary to eliminate or serquested by the KM 3331 better follow and not coordination with FEMA, USACE will artifate and deploy the Debris PRI to coordinate and execute all necessary actions associated with	debris clearace, removal, and/or folsoosi after management from nubils concertly in the "fleeted area necessary to eliminate or As requested by the EM 3391 Puerto Rico and in coordination with FEM, USAGE will activate and deptoy the Debris APT to coordinate and execute all necessary actions associated with debris clearance, removad, and/or disposal size management from debris clearance, removad, and/or disposal size management from	coblic noops, in the different area necession to eliminate or As requested by the EM 3331 Puero Bicks and incoordination with FEM, USACE will activate and deploy the Debris PRT to coordinate and execute all necessary actions associated with debris clearance, removed, analyor disposal side management from debris clearance, removed, analyor disposal side management from	upulic property in the Affects areas necessive to eliminate or as directed by and in coordination with FEMA, US ATINV Conp of Engineers (USACS) will provide appropriate personnel to the Pueron Rico and RRCZ or other facilities in support of FEMA response operations. Activation may also include USACE	modeline addor National Intrilane Programs autonot. As directed by and in coordination with FBMA, US Amy Carp of Engineers (USACE) will provide appropriate personnel to the Puetro Alico and RRCZ or other facilities in support of FEMA response operations. Activation may also include USACE modeline and off NAXonal Hurridane Program support.	As directed by an oil recondustion with FRAM, 05 Army Corp of Engineer (USACE) will provide appropriate personnel to the Puerko Rico and RRCC 2 or other facilities in support of FRAM response operations. Activation may bis cincided USACE modeling and/or National Hurricane Proteam subport.	As directed by and in coordination with Fights. USACE Will provide temporary power support assets for emergency power generation to the affected area in support of FEMA response operations: will be resurried to the Distribution, Center (DCL/Remote. Assets will be resurried to the Distribution, Center (DCL/Remote.)	and a solution of white in the commission with return Joseph will provide generation to the affected area in support of FEMA response operations. Assets will be required to the Distribution Center (DC)/Remote	Frotoe tur, for tiets cappoint to the renymotron spensor at that assigned lostion. If there is no Division Supervisor assigned the LGL will be in direct support to the ESF#3 Team Leader. The mission of the LGL is to support the Federal Team and provide assistance and advice to the local envernments in resoonse and
m	m	m	m	m	m	м	m	m	m	m
COE-SAD	COE-5AD	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD
71/22/60	09/26/17	10/04/17	10/07/17	10/13/17	71/22/50	09/24/17	10/17/17	71/22/60	71/0/11	09/22/17
09/22/17	09/26/17	10/04/17	10/07/17	10/13/17	09/22/17	09/24/17	10/17/01	09/22/17	11/07/17	09/22/17
HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA
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241043 4339DRPRCOE-SAD0100	4339DRPRCOE-SAD0101	4339DRPRCDE-SAD0102	43390RPRCOE-SAD0103	4339DRPRCOE-SAD0104	241045 4339DRPRCOE-5AD0200	4339DRPRCOE-SADO201	4339DRPRCOE-SAD0202	241080 4339DRPRCOE-SAD0300	4339DRPRCOE-SAD0301	241143 4339DRFRCOE-SADO400
241043	241859	242889	243542	244020	241045	241470	244745	241080	246632	241143

								Provide LGL for direct support to the FEMA Division Supervisor at that assigned location. If there is no Division Supervisor assigned.			
244746	4339DRPRCOE-SAD0401	æ	HURRICANE MARIA	10/17/17	10/17/17	COE-SAD	m	the LGL will be in direct support to the ESF#3 Team Leader. The	12/1/2017	\$675,000	Fos
								mission of use Lot, it is support the Federal Team and provide sustance and advice to the local governments in response and As directed by and in coordination with FEMA, USACE will			
241136 4339DRPRCOE-5AD0500	COE-SAD0500	æ	HURRICANE MARIA	09/22/17	09/22/17	COE-SAD	m	activate and pre-position the management cell of the Infrastructure Assessment (IA) PRT to conduct initial planning	10/17/2017	\$50,000	Š.
								and preparedness efforts in support of FEMA response			
								operations. USACE will only one-position resources. As directed by and in coordination with FEMA, USACE will			
								activate and pre-position the management cell of			
242815	4339DRPRCOE-5AD0501	8	HURRICANE MARIA	10/03/17	10/03/17	COE-SAD	m	the infrastructure Assessment (IA) PRT to conduct initial planning and preparedness efforts in support of FEMA response	11/1/2017	\$200,000	SO.
								operations, USACE will only pre-bosition resources. As directed by and in coordination with FEMA, USACE will			
								activate and pre-position the management cell of			
243086	4339DRPRCOE-SAD0502	H.	HURRICANE MARIA	10/09/17	10/09/17	COE-SAD	'n	the Infrastructure Assessment (IA) PRT to conduct initial planning	11/4/2017	\$765,000	õ
								and preparedness efforts in support of FEMA response			
								operations, USACE will only pre-bostoch resources. As directed by and in coordination with FEMA, USACE will			
								activate and pre-position the management cell of			
245370	4339DRPRCOE-SAD0503	æ	HURRICANE MARIA	10/28/17	10/28/17	COE-SAD	3	the infrastructure Assessment (IA) PRT to conduct initial planning	11/4/2017	\$2,340,000	50s
								and preparedness efforts in support of FEMA response			
								operations. USACE will only ore-position resources. As directed by and in coordination with FEMA, USACE will			
								activate and pre-position the management cell of			
246529	4339DRPRCOE-SAD0504	Ą	HURRICANE MARIA	11/04/17	11/04/17	COE-SAD	E	the Infrastructure Assessment (IA) PRT to conduct initial planning	12/5/2017	\$0	FOS
								and preparedness efforts in support of FEMA response			
								operations. USACE will only pre-obsition resources. As directed by and in coordination with FEMA, USACE will			
								activate and deploy their Deployable Tactical Operations System			
241196 4339DRPRCOE-SAD0600	COE-SAD0600	R.	HURRICANE MARIA	09/22/17	09/22/17	COE-SAD	e	(DTOS) and DTOS support team members to provide ESF #3	10/17/2017	\$40,000	FOS
								and/or FEMA operations with initial operating facilities and			
								communications in support of FEMA response operations. DTOS As directed by and in coordination with FEMA, USACE will			
								activate and deploy their Deployable Factical Operations System			
241871	4339DRPRCOE-SAD0601	ď	HURRICANE MARIA	71/72/60	71/12/60	COE-SAD	e	(DTOS) and DTOS support team members to provide ESF #3	10/17/2017	\$106,500	FOS
								and/or FEMA operations with initial operating facilities and			
								communications in support of FEMA response operations. DTOS As directed by and in coordination with FEMA, USACE will			
								activate and deploy their Deployable Tactical Operations System			
244032	4339DRPRCOE-SAD0602	<u>ж</u>	HURRICANE MARIA	10/12/17	10/12/17	COE-SAD	m	(DTOS) and DTOS support team members to provide ESF #3	11/10/2017	\$180,000	SO.
								and/or FEMA operations with initial operating facilities and			
								communications in support of FEMA response operations. DTOS As directed by and in coordination with FEMA, USACE will			
								activate and deploy their Deployable Tactical Operations System			
245308	4339DRPRCOE-SAD0603	æ	HURRICANE MARIA	10/22/17	10/22/17	COE-SAD	m	(DTOS) and DTOS support team members to provide ESF #3	11/17/2017	\$3,575,000	FOS
								and/or FEMA operations with initial operating facilities and			
								communications in support of FEMA response operations. DTOS As directed by and in coordination with FEMA, USACE will			
								activate and deploy their Deployable Tactical Operations System			
246528	4339DRPRCOE-SAD0604	æ	HURRICANE MARIA	11/04/17	11/04/17	COE-SAD	m	(DTOS) and DTOS support team members to provide ESF #3	12/10/2017	\$	FOS
								and/or FEMA operations with initial operating facilities and			

								As directed by and in coordination with FEMA, USACE will			
, 241146	0010005-0000000000000000000000000000000	â	ALGORAL SHAPPING	54/54/00	71/21/00	245	١	procure or lease office space, furniture, supplies, equipment (e.g.,	1,007,107,00	900	ğ
		:		11/27/50	17/57/50	200		outdittes, including necessary installation in support of FEMA	1707/17/01	on'ann	3
								response operations. Before procuring or leasing any supplies or As directed by and in coordination with FEMA, USACE will			
								procure or lease office space, furniture, supplies, equipment (e.g.,			
242737	4339DRPRCOE-SAD0701	æ	HURRICANE MARIA	10/03/17	10/03/17	COE-SAD	7	automated data processing hardware and software), and/or	10/27/2017	\$500,000	FOS
								utilities, including necessary installation in support of FEMA			
								response operations. Before procuring or leasing any supplies or As directed by and in coordination with FEMA, USACE will			
								procure or lease office space, furniture, supplies, equipment (e.g.,			
245357	4339DRPRCOE-SAD0702	æ	HURRICANE MARIA	10/24/17	10/24/17	COE-SAD	7	automated data processing hardware and software), and/or	1/5/2018	\$2,000,000	FOS
								utilities, including necessary installation in support of FEMA			
								response operations. Before procuring or leasing any supplies or As directed by and in coordination with FEMA, US Army Corp of			
								Engineers (USACE) will provide appropriate personnel to the			
241358 4	241358 4339DRPRCOE-SAD0800	R	HURRICANE MARIA	71/52/60	09/23/17	COE-SAD	m	Puerto Rico IOF /JFO in support of Hurricane Maria or other	10/23/2017	\$725,000	FOS
								facilities in support of FEMA response operations. Activation may			
								also include USACE modeling and/or National Hurricane Program As directed by and in coordination with FEMA. US Army Corn of			
								Engineers (USACE) will provide appropriate personnel to the			
242427	4339DRPRCOE-SADOB01	æ	HURRICANE MARIA	09/30/17	09/30/17	COE-SAD	m	Puerto Rico IOF /JFO in support of Hurricane Maria or other	10/27/2017	\$1,935,000	505
								facilities in support of FEMA response operations. Activation may			
								also include USACE modeling and/or National Hurricane Program			
								As directed by and in coordination with FEMA, US Army Corp of			
								Engineers (USACE) will provide appropriate personnel to the			
244744	4339DRPRCOE-SAD0802	8	HURRICANE MARIA	10/11/17	10/11/11	COE-SAD	m	Puerto Rico IOF /JFO in support of Hurricane Maria or other	12/1/2017	\$3,375,000	FOS
								facilities in support of FEMA response operations. Activation may			
								also include USACE modeling and/or National Hurricane Program As directed by and in coordination with FFMA 115ACF will deploy			
								personnel to coordinate and execute all necessary assessments.			
241364 4	241364 4339DRPRCOE-SAD0900	8	HURRICANE MARIA	09/23/17	09/23/17	COF-SAD	m	evaluations, and design/build actions associated with ensuring	10/6/2017	\$15,000	FOS
						!	,	the safety of drinking water and wastewater systems and			
								temporary regains in coordination with the appropriate agencies			
								As directed by and in coordination with FEMA, USACE will deploy			
								personnel to coordinate and execute all necessary assessments,			
242439	4339DRPRCOE-SAD0901	84	HURRICANE MARIA	09/30/17	09/30/17	COE-SAD	m	evaluations, and design/build actions associated with ensuring	10/29/2017	\$350,000	FOS
								the safety of drinking water and wastewater systems and			
								temporary repairs in coordination with the appropriate agencies. As directed by and in coordination with FFMA 115ACF will deploy			
								personnel to coordinate and execute all necessary assessments.			
246513	4339DRPRCOE-SAD0902	PR.	HURRICANE MARIA	11/04/17	11/04/17	COE-SAD	m	evaluations, and design/build actions associated with ensuring	11/29/2017	\$0	FO3
								the safety of drinking water and wastewater systems and			
								temoorary recairs in coordination with the anorogriate agencies			
								As directed by and in coordination with FEMA, USACE will provide			
								temporary power support assets for emergency power			
241406	241406 4339DRPRCOE-SAD1000	£	HURRICANE MARIA	09/24/17	09/24/17	COE-SAD	m	generation to the affected area in support of FEMA response	10/27/2017	\$46,000,000	DFA
								operations.			
								As directed by and in coordination with FEMA, USACE will provide			
								temporary power support assets for emergency power			
246381	4339DRPRCOE-5AD1001	P.	HURRICANE MARIA	11/04/17	11/04/17	COE-SAD	m	generation to the affected area in support of FEMA response	11/28/2017	\$	DFA

							Work: Deploy Temporary Roofing Planning and Response Team (PRT), OAs, and support personnel. Implement the Advanced			
241455 4339DRPRCOE-SAD1100	ď	HURRICANE MARIA	09/24/17	09/24/17	COE-SAD	m	Contracting Initiative (ACI), other contracting processes, or other sources to provide temporary roofine as directed by FEMA.	10/23/2017	\$30,000,000	DFA
							Coordinate the roofine activities or all other creanizations (e.g. Work: Deploy Temporary Roofing Planning and Response Team (FRT), QAs, and support personnel. Implement the Advanced			
244377 4339DRPRCOE-SAD1101	P.	HURRICANE MARIA	10/14/17	10/14/17	COE-SAD	E	Contracting Initiative (ACI), other contracting processes, or other sources to provide temporary roofing as directed by FEMA.	7102/7/21	\$75,000,000	DFA
							Coordinate the roofine activities of all other organizations (e.e. As directed by and in coordination with FEMA, USACE activate and deploy to district PRY follaming personny			
241472 4339DRPRCOE-SAD1200	P.	HURRICANE MARIA	71/52/60	09/25/17	COE-SAD	7	to support planning and preparation activities for USACE and/or FEMA Federal operations. Logistics assistance includes resource	10/25/2017	\$360,000	FOS
							tracking, receiving, warehouse management, issuing, equipment As directed by and in coordination with FEMA, USACE will activate and deploy Logistics PRT/planning personnel necessary			
243591 4339DRPRCOE-SAD12D1	g.	HURRICANE MARIA	10/08/17	10/08/17	COE-SAD	7	to support planning and preparation activities for USACE and/or FEMA Federal operations. Logistics assistance includes resource	11/10/2017	\$540,000	FOS
							tracking, receiving, warehouse management, issuing, equioment The Infrastructure RSF planner will work with the FEMA- appointed Federal Disaster Recovery Coordinator (FDRC) for 4336-			
241594 4339DRPRCOE-SAD1300	æ	HURRICANE MARIA	09/26/17	09/26/17	COE-SAD	RSF	DR-PR, applicable Territorial Lead(s), and other federal partners in the collaboration of integrated planning that additional	10/26/2017	\$25,000	FOS
							in the Composition strates and solutions. Additionally, the blanner will work with the ERMA.			
246383 4339DRPRCDE-SAD1301	84	HURRICANE MARIA	11/04/17	11/04/17	COE-SAD	RSF	appointed Federal Disaster Recovery Coordinator (FDRC) for 4335- DR-PR, applicable Territorial Lead(s), and other federal partners	12/10/2017	\$0	FOS
							In the collaboration of integrated planning that andresses infrastructure issues and solutions. Additionally, the planner will as directed by and in coordination with FEMA, USACE will provide technical expertise to Puerto Rico to aid in accomplishing priority.			
241767 4339DRPRCOE-SAD1400	Æ	HURRICANE MARIA	09/26/17	09/26/17	COE-SAD	m	missions in support of response operations.	10/31/2017	\$300,000	FOS
245963 4339DRPRCOE-SAD1401	A.	HURRICANE MARIA	10/30/17	10/30/17	COE-SAD	m	Exagrite may include but is not be limited to: USACE will proude Adriected by and in coordinow with FiNA, USACE will proude technical experties to Puerto Rico to ad in accomplishing priority missions in support of response operations.	10/31/2017	\$540,000	FOS
246573 4339DRPRCOE-SAD1402	Æ	HURRICANE MARIA	11/06/17	11/06/17	COE-SAD	m,	Expertise may include but is not be limited to: Adviced by and of additional and additional and additional and inschaining priority rethings expertise to benefit files to addition to additional accomplishing priority missions in support of response operations.	11/30/2017	8	FOS
241869 4339DRPRCOE-5AD1500	ä	HURRICANE MARIA	09/27/17	71/17/11	COE-SAD	m	Exoertise may include, but is not be limited to: USACE will provide Addinected by and in coordination with FEMA, USACE will provide Addinected public facilities assistance in support of response operations. Support may include, but is not limited to, the following	9/27/2017	000′00€\$	DFA
242339 4339DRPRCOE-SAD1501	Æ	HURRICANE MARIA	11/62/60	09/29/17	COE-SAD	m	absautes: As directed by and in coordination with FEMA, USACE will provide critical public facilities assistance in support of response consistency and a support of response support may include, but is not limited to, the following	10/27/2017	95	DFA

DFA	DFA	DFA	DFA	DFA	FOS	FOS	DFA	DFA	FOS	Fos
\$3,000,000	\$20,000,000	\$87,500,000	\$489,500,000	\$450,000,000	\$250,000	\$500,000	\$840,000	\$35,000,000	\$60,000	9\$
10/27/2017	12/1/2017	3/27/2018	3/27/2018	3/27/2018	11/17/2017	12/17/2017	11/30/2017	11/25/2017	10/31/2017	12/1/2017
a directed by and in coordination with FRMA USACE will provide critical public facilities assistance in support of response operations. Support may include, but is not limited to, the following measures:	As directed by and in coordination with FRNA, USACE will provide critical public facilities assistance in support of response operations. Support may include, but is not limited to, the following measures:	Overall purpose is to scope, coordinate, and execute interim repairs to segments of the electrical grid to allow temporary restoration of grid segments until a comprehensive restoration of the overall power generation, transmission, and distribution stersters no Perel Rico can be imidentenented as sideresed by Owerstli numose is to scome contribute and execute interim.	repairs to segments of the electrical grid to allow temporary restoration of grid segments until a comprehensive restoration of the overal power generation, transmission, and distribution systems on Peerfo Rico can be implemented, as directed by	remains to a some confidence and extension of persons are settle interim repairs to agreems of the electrical grid to allow temporary restoration of grid segments until a comprehensive restoration of settle generation, transmission, and distribution systems on Jeero Romerson, materialisms and distribution systems on Jeero Romerson.	As directed by and in coordination with FaWA, USACE will provide appropriate personnel to conduct comprehensive and integrated analysis of requirements attaing from the event to support Stafford Act ESF 37 missions and drive the doctrinal and	As directed by and a coordination with Firski USACE will provide a propositive personnel to conduct comprehensive and integrated analysis of requirements assising from the event to support. Station Act ESF & missions and drive the obstrinal and experimental assistant of personnel analysis of requirements assisting from the event to support. Station Act ESF & missions and drive the obstrinal and experimental personnel and personnel a	technical expertise to 4339 DR Puerto Rico to aid in accomplishing priority missions in support of response operations.	Expertise may include, but is not be limited to. USACE will provide addressed by addressed by addressed by addressed by addressed by and reconfination with Fellow little servicing, maintaining, and regaring non-rederent temporary emergency mover generative being operated in the affected area in support of EMA response, goerabotis.	deflected by water on coordination with FRMA by Enry Gorge of Engineers will provide Ferenal Affairs subject matter experts (SMEs) to the (NRCC, RRCC), FEMA Incident Management stassbarer Earns (IMATS), or other enthies or facilities in support of resonance goverations, Subject, matter goverts, will record.	As directed by and in coordination with Evrily, U.S. Army U.Orps of Engineers will provide External Affairs subject matter experts (SMES) to the (NRCC, RRCC), FRMA incident Management Assistance Teams (IMAT3), or other entities or facilities in support
м	m	12	12	12	m	m	m	m	\$1	21
COE-SAD	COE-5AD	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD
10/24/17	11/08/17	09/29/17	10/08/17	10/28/17	09/29/17	10/13/17	09/29/17	09/30/17	10/02/17	11/06/17
10/24/17	11/08/17	09/29/17	10/08/17	10/28/17	71/62/60	10/13/17	09/29/17	09/30/17	10/02/17	11/06/17
HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA
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4339DRPRCOE-SAD1502	4339DRPRCOE-SAD1503	242139 4335DRFRCOE-SADIGOO	4339DRPRCOE-SAD1601	4339DRPRCOE-SAD1602	242254 4339DRPRCOE-SAD1700	4339DRPRCOE-SAD1701	242291 4339DRFRCOE-SAD1800	242385 4339DRPRCOE-SAD1900	242592 4335DRPRCCE-5AD2000	4339DRPRCOE-5AD2001
245315	246515	242139	243465	245856	242254 .	244196	242291	242385	242592	246670

DFA	DFA	Fos	Fos	405	POS	FOS	Fos	POS	405	Fos
000'000'5\$	\$30,000,000	\$61,550	\$188,450	\$100,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000
11/3/2017	11/3/2017	11/3/2017	11/3/2017	12/3/2017	12/24/2017	12/31/2017	12/21/2017	12/31/2017	12/21/2017	12/31/2017
Assist in the Stabilization of the Guajacata Dam, Juabela, PR. Work will be done in frite planes and including Projects assessment, perform Emergency Measures including dam stabilization and partial de-watering, and Temporary Repairs to Insure long term stability. All work will be in exceptions and watering, and Temporary Repairs to Insure long term stability. All work will be in exceptions we will be a stabilized for a stability and will be a stability and	with the other in three phases and three propers are made in the perform free propers and the perform free propers are standard gam schalltacken and perform free performs the performance and per	sussist the discondination of the through and the direction and coordination of FIAM. Deployment duties include advising, assessing, and coordination (R-VG) are elseed. The RT methors will resure that RS/GIS sequents elseed. The RT methors will ensure that RS/GIS sequents including massione Deploy the USACE GIS Planning and Response than (PRT) to Deploy the USACE GIS Planning and Response to a size of the through the USACE GIS Planning and Response to the through the USACE GIS Planning and Response to the through the USACE GIS Planning and Response to the through the USACE GIS Planning and Response to the through the USACE GIS Planning and Response to the through the USACE GIS Planning and Response to the through the USACE GIS Planning and Response to the USACE GIS Planning and Response	assist the 40 coordination of FEMA. Deployment duties include direction and coordination of FEMA. Deployment duties include advising, assessing, and coordination (R-40/E) enterest. The RNT mether will require that RS/GS required; including mapping properties of the 10 coordination of the 10 coordi	assist the 90 cuoronistors at the rect. A shot course stee, as the direction and coordination of FGMA. Deployment duties include advising, assessing, and coordinating RS/GIS needs. The RNT members will enture to SGS societate, including manoine and side of the second societation of the second societation of the second societation of the second societation with FEMA, the Department of SG directed by Aff of no confination with FEMA, the Department of	romainal Sucritivit (Disty), hanges ment ut intercotated Junice of the Chief Information Officer (ClOyalli provide permanent federal agency personnel for exclude temporary hirts of the other DHS assertices) willing to deolow fine a field assignment to beautiement of Affected by and in coordination with FEMs, the Department of	omesian Seutrity (Disty), bangement Uterocrate (Diste Information Officer (ICO) will provide permanent Federal agency personnel for exclude temporary hirts of the other DIS agencies willing to acclude temporary hirts of the other DIS agencies willing to deploying a field assignment to accountering the stiff extend by and in coordination with FEMs, Department of a file extend by and in coordination with FEMs, Department	romeand scartiff (DSs), Management Uteror attention of the Chief Human Capital Officer (IcHCO) will provide permanent feed in agents per stoned for the Chief services of the other Oral Searches). On the Chief Searches will provide permanent for the Oral Searches of the Oral Chief Searches will be compared to the Oral Chief Searches of the Oral	Chief Human Capital Officer (CHCI) will provide permanent edeclar agency personnel (to exclude temporary hires of the chern 1885 searcies). Williams to adulous for a field assistment to the state of the chern of the state of the chern 1885 searcies willing to adulous for a field assistment of assistment of the state of the state of the state of the the state of the state of the state of the state of the the state of the state of the state of the state of the the state of the state of the state of the state of the state of the the state of the state of the state of the state of the state of the the state of the state of the state of the state of the state of the the state of the state of	Internation 2 was supported in the control of the c	nomean activity (Jony, Integerint) ulcus, oral culti- francial Officer (ICO) will provide permanent Federal agency personnel (to exclude temporary hires of the other DHS agencies) willing to declory for a field assignment to supolement
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COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD	DHS-MGT	DHS-MGT	DHS-MGT	DH5-MGT	DHS-MGT	DHS-MGT
10/03/17	10/14/17	10/04/17	10/05/17	11/04/17	09/25/17	10/01/17	09/25/17	10/01/17	09/25/17	10/01/17
10/03/17	10/14/17	10/04/17	10/05/17	11/04/17	09/25/17	10/01/17	09/25/17	71/10/01	09/25/17	10/01/17
HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA
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242843 4339D#PRCDE-SA02100	4339DRPRCOF-SAD2101	242898 4339DRPRCOE-5AD2200	4339DRPRCOE-SAD2201	4339DRPRCOE-SAD2202	241487 4339DRPRDHS-MGT0100	4339DRPRDHS-MGT0101	241476 4339DRPRDHS-INGT0200	4339DRPRDHS-MGTD201	241506 4339DRPRDHS-MGT0300	4339DRPRDHS-MGT0301
242843	244376	242898	243069	246542	241487	242448	241476	242449	241506	242451

FOS	Fos	Sō.	FOS	FOS	SO	FOS	FOS	FOS	FOS	FOS
\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	0\$	\$3,150,000	\$700,000	\$700,000	\$700,000	0\$
12/21/2017	12/31/2017	12/21/2017	12/31/2017	12/24/2017	12/31/2017	12/24/2017	12/24/2017	12/31/2017	12/24/2017	12/31/2017
As directed by and in coordination with ERMA. Department of humbland Security (DHS)/ Management Directorate/ Chief Security Officer (EGD) will provide permanent federal agency personnel (to exclude temporary hines of the other DHS agencies) milling to deblory for a field asterment to suddlement As directed by and in coordination with FRMA, Department of As directed by and in coordination with FRMA, Department of	Formeland Security (DNS) Management Directorate (Chief Security Officer (GS) will provide permanent Federal agency personnel (se exclude temporary lites of the other Dris agencies) mile to declor for a field assement to sundement As directed by and in coordination with FSMA, Department of	romaind Security (DHS) Office of the Escentive Secretary (ESEC) will provide permanent Federal agency personnel (to exclude temporary hires of the other DHS agencies) willing to equipor for a final satements to sunderprept DHS/ERMA sidiaster A directed by and in coord instron with FMA, Caparitrant of A directed by and in coord instron with FMA. Caparitrant of the control of the coordination with FMA, Caparitrant of the coordination with the coordination with FMA.	(ESC) will provide permanent federal agency personnel (to ecoloule termanent federal agency personnel (to ecoloule termanent) prinse of the public agency personnel (to ecoloule termanent to supplementately willing to decide termanent to supplementately subject to the public termanent to supplementately subject to and federate by and in coordination with FERA the Department of the major of Security Intelly (THE or Security Intelly Int	redetarial agency personnel (to esclude temporary hires of the continuents acceptable by the property of the continuents of the	Federal agency personnel (to exclude temporary hites of the temporary hites of the temporary hites of the temporary hites of the country of the temporary of th	provide permanent Federal agency personnel (to exclude removed removant Federal agency personnel (to exclude removant removant his confidence of the other Data Segencias) withing to depubly for a field assignment to supplement DIS/EKAN3 sidaster resonnes and sincested by and in coordination with EKAN4 is department of homeland Security DIS/EKAN1 (Titizenchi of Immigration Savvices).	Ombudsmen (GISOMB) will provide permanent Federal agency agronnel (to sedde temporar) rivers of the orbit DH's agencies) willing to deblow for a fledd sastement to supplement addrected by and in coordination with FEMA, the Department of Hornshand Security IDHSU(Tribrechio & Immirration Services).	Ombudsmen (GISOMB) will provide permanent Federal agency parasonal (to setude temporar) whites of the following agencies agency relating to edulow for a field assignment to supplement additionable of a different by and in coordination with FEMA, the Department of Homeland Security (INSL) (fifties of Powaro will provide	permanent Federal agency personnel (to exclude temporary hires of the other DPA agencies) whiting to delpoly for a field assignment to supplement DPAFERAM, disaster response and recovery addressed by and in coordination with FEMA, the Department of Horneland Security (DPAF)(Office of Privacy will provide	permanent Federal agency personnel (to exclude temporary hires of the other DHS agencies) willing to deploy for a field assignment
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DHS-MGT	DHS-MGT	DHS-MGT	DHS-MGT	DHS-MGT	DH5-MGT	DHS-MGT	DHS-MGT	DHS-MGT	DHS-MGT	DHS-MGT
09/25/17	10/01/17	09/25/17	10/01/17	09/25/17	10/07/17	09/30/17	09/25/17	10/01/17	09/26/17	10/01/17
09/25/17	10/01/17	09/25/17	10/01/17	71/52/50	10/07/11	09/30/17	09/25/17	10/01/17	09/26/17	10/07/17
HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MAR!A	HURRICANE MARIA	HURRICANE MARIA
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241510 4339DRPRDHS-MGT0400	4339DRPRDH5-MGTD401	241518 4339DRPRDHS-MGT0500	4339DRFRDHS-MGTD501	241495 4339DRPRDH5-MGT0600	4339DRPRDH5-MGT0601	241526 4339DRPADHS-MGT0700	241528 4339DRPRDHS-MGT0800	4339DRPRDHS-MGT0801	241603 4339DRPRDHS-MGT0900	4339DRPRDHS-MGT0901
241510	242450	241518	242569	241495	243204	241526	241528	242565	241603	243191

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\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	0\$	\$700,000	\$700,000	\$700,000
12/24/2017	12/31/2017	12/24/2017	12/31/2017	12/24/2017	12/31/2017	12/24/2017	12/31/2017	12/24/2017	12/31/2017	12/24/2017
As directed by and in coordination with FRMA, the Department of Homeland Security (DHS), Management Directorarly (Chief Readiness Support Officer (CRSD) will provide permanent federal agency personnel to saculde demonship in the property of the other DHS assences) willing to decloy for a field assistment to sucolement for the chief of the ch	Internation Security (Urbs.), Maragement Letters and address support Officer (TRSD) will provide permanent federal appropriate programment federal appropriate programment federal appropriate programment federal appropriate programment to succellent an entire subject of the other DHS assencies willing to delooy for a field assignment to succellentment of addressed by and in coordination with FERM the Oppariment of Homaland Security (DHSI) Manasement Directorate Programment of the page of the pa	Accountability and Risk Management (PARM) will provide permanent Release) agency personnel (to exclude de monoray hires of the other DHS assences) willing to diegolv for a field assimment of adirected by and in coordination with FIRM, the Oparament of Hormaland Security (DHSI). Manasement Directorate / Poceram	Accountability and Risk Management (PARM) will provide by the greatment refeated agency personnel to exclude temporary hires of the other DHS assences, willness to deploy for a field assistement of addressed by and in coordination with FROM the Department of Hornaland Security (DHS). Management Directorate (Chief	Procurement Officer (CPO) will provide permanent Federal services personnelly agreed personnelly agreed personnelly agreed personnelly agreed personnelly agreed by a Seld existence by the Department of Indianal Security (DHS). Management Directorals Chief Indianals and Security (DHS). Management Directorals Chief	Procurement Officer (CPC) will provide permanent Federal services personnelle (sexulde utenprasty hiers of the other DHS agencies) willing to decloy for a field assimment to sunoiment and directed by and in coordination with FEMA the Oppartment of Homeland Security (DHS) Office of Partnership is frepagement	(OPE) will provide permanent Faderal agency personnel (to exclude temporary fries of the other DA's agencies') willing to decide the other assignment by the other of a federal will be assignment to a uncidenset, DH'STENA's disaster Addrected by and in coordination with FENA's the Oppartment of Hornaland Security (DH'S) Office of Patricefulo & Engagement	(OPE) will provide permanent Federal agency personnel (to exclude temporary fries of the other DNS agencies) willing to dejoly for a fled assienment to sunolement DHSFRAN's dissate and and incoordination with FEBAN's dissate the major and incoordination with FEBAN's dissate the major and incoordination with FEBAN's dissate the major and and incoordination with FEBAN's dissate the major and a fled and a f	provide permanent Federal agency personnel (to exclude representations) and exclude the reproporative soft the other District Segencies, bringing to deploy for a field assignment to supplement to HS/FE/Ms 's disaster response Aderested's pand in coordination with FE/Ms' is the Department of Homeland Security (DHS) Office of Legislative Affairs (OLA), will homeland Security (DHS) Office of Legislative Affairs (OLA), will	provide permanent Faderal agency personnel (to exclude the memorar Nite Soft the other Oblinage to deploy for a field assistment to supplement DH/F[EAA]'s disaster resonner affeld assistment to supplement DH/F[EAA]'s disaster resonner affeld assistment to supplement DH/F[EAA]'s disaster resonner affeld assistment of supplement of moral and supplement of personnel procedy with members of security (DHS). Office of General Council (DCG) will	provide permanent Federal agency personnel (to exclude temporary hires of the other DHS agencies) willing to deploy for a
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DHS-MGT	DHS-MGT	DHS-MGT	DHS-MGT	DHS-MGT	DH5-MGT	DHS-MGT	DHS-MGT	DHS-MGT	DHS-MGT	DHS-MGT
09/26/17	10/01/17	09/26/17	10/01/17	09/26/17	10/01/17	09/26/17	10/06/17	09/26/17	10/02/17	09/25/17
09/26/17	10/01/17	09/26/17	10/01/17	09/26/17	10/01/17	09/25/17	10/05/17	09/26/17	10/02/17	09/25/17
HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA
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241575 4339DRPRDH5-MGT1000	4339DRPRDHS-MGT1001	241576 4339DRPRDHS-MGT1100	43390RPRDHS-MGT1101	241604 4339DRPRDHS-MGT1200	242452 4339DRPRDHS-MGT1201	241605 4339DRPRDHS-MG71300	5 4339DRPRDHS-MGT1301	241643 4339DRPRDHS-MGT1400	7 4339DRPRDHS-MGT1401	241612 4339DRPRDHS-MGT1500
241575	242561	241576	242564	241604	242452	241605	243195	241645	242567	241612

4339DRPRDHS-MGT1501	æ.	HURRICANE MARIA	10/02/17	10/02/17	DHS-MGT	Vo	As directed by and in coordination with FENA, the Department of Homeland Security (DHSJ) Office of General Council (OGC) will provide permanent Tederal agency personnel (to exclude temporar) these of the other DHS agencies) willing to deploy for a field assistment to succlement DHS (FENA), of however reasoning field assistment to succlement DHS (FENA), of however enough of a field assistment to succlement DHS (FENA), of however enough of a field assistment to succlement DHS (FENA), of however enough of the description of the person of the other homes of the	12/33/2017	\$700,000	FOS
241811 4339DRPKDH5-MGT1600	R.	HURRICANE MARIA	71/12/60	71/17/60	DHS-MGT	LO.	in caced yet all in Coordinate tests returned to meaning security (DHS)/Management Directorate (MGT)/Chief Human Capital Officer (CHCO) will provide permanent Federal agency personnel (to excude amporary hires of the other DHS agencies) willing to delook for field assignment to sucolement.	12/26/2017	\$700,000	FOS
241813 4339DRPRDH5-MGT1700	8 <u>c</u>	HURRICANE MARIA	71/17/60	71/17	DHS-MGT	IS.	as directed by and in coordination with FERM, Department of Homeland Security (DHS)/Management Directorate (MoT)/Chief Information Officer (CIO) will provide permanent Federal agency pracromed (to exclude temporary intex of the other DHS agencies) willing to decilor for a field assertment to accolement.	12/26/2017	\$700,000	FOS
242268 4339DRPRDH5-MGT1800	ž	HURRICANE MARIA	09/25/17	09/29/17	DHS-MGT	so	addicted by and in coordination with FRM, Department of Homeland Security (DHS)/Management Directorate (MoTI)/Office of Policy will provide permanent Federal agency personnel (to exclude temporary hinses of the other DHS agencials yilling to declov for a filed assistment to suucierent DNS/FRMA diaster declov for a filed assistment to suucierent DNS/FRMA diaster	10/30/2017	\$1,400,000	FOS
242269 4339DRPRDHS-MGT19DD	NA N	HURRICANE MARIA	09/29/17	09/29/17	DHS-MGT	s	and articled by and in Goodination with FishWare definition of the Application of the App	10/30/2017	\$1,400,000	FOS
242271 43390RPRDHS-MGT2000	R.	HURRICANE MARIA	71/62/60	09/29/17	DHS-MGT	и	Homeland Security (DHS)/Management Directionate (MGT)/Office of Health Mifairs will provide generate a gency personnel (to exclude temporary hires of the other DHS agencies) willine to declosive on elegational reasons and a security of a field statement to supplement.	10/30/2017	\$1,400,000	Š
242272 43390RPRDHS-MGT2100	Ä	HURRICANE MARIA	71/62/60	09/29/17	DHS-MGT	ĸ	affected by and in Goodination with Falkin Logistiment or Homeland Security (DHS), Federal Law Enforcement Training Center (FLET), will provide permanent federal agency personnel (to excluse temporary hirse of the cutier OHS agencies) willing to decilor for a field assistment to suuciement DHS agencies) willing to decilor for a field assistment to suuciement DHS agencies) willing to decilor for a field assistment to suuciement DHS.	10/30/2017	\$1,400,000	FOS
242953 4339DRPRDHS-MGT2200	æ	HURRICANE MARIA	10/64/17	10/04/17	DHS-MGT	vs.	ad circated by and in coordination with FRAN. Do Expartment of Homeland Security (DHS), will provide External Affairs subject matter experts (SMEs) to the (""NRCC, RRCC""). FEMA Incident homelgement subsistance Team (RMATS), or other entities or feelilities in Autonot, of recogning operations.	12/3/2017	\$60,000	FOS
4339DRPRDHS-MGT2201	Ŗ.	HURRICANE MARIA	10/11/17	71/11/01	DHS-MGT	'n	Additionable Agents of the Company of the Company of the Company of American Definition of Homeland Security (DHS) will provide External Affairs subject matter experts (SMEs) to the ("*NRCC, RRCC""). FEMA incident Management Assistance Fears (MANIs), or other entities or fears and the Company of the Compa	12/3/2017	\$30,000	FOS
245234 4339DRPRDHS-MGT2300	a a	HURRICANE MARIA	10/22/17	10/22/17	DHS-MGT	13	As directed by and in coordination with FEMA. Homeland Security homestigations (FSI) will provide Rapid Response Tearns, Special Response Tearns, Other partsonnel, law enforcement equipment, we hicles and special utility wehicles, communications, and/or other coophilies assented under unoxide law enforcement. As directed by and in coordination with FEMA, the Department of	11/20/2017	\$3,000,000	DFA
242952 4339DRPRDHS-OPS0100	Œ.	HURRICANE MARIA	10/04/17	10/04/17	DHS-OPS	s	Hameland Security (DHS)/Operations Coordination (Ops)will provide permanent Federal agency personnel (to exclude temporary hires of the other DHS agencies) willing to deploy for a	11/30/2017	\$1,400,000	Fos

FOS	Fos	FOS	FOS	FOS	FOS	SO.	Of A	DFA	DFA	DFA
\$1,400,000	\$25,000	\$91,200	\$	\$700,000	0\$	\$40,000	\$1,733,000	\$10,000,000	\$10,000,000	\$25,000,000
11/30/2017	10/26/2017	10/31/2017	11/30/2017	12/24/2017	12/31/2017	11/30/2017	12/3/2017	12/21/2017	12/21/2017	12/29/2017
outexee private and motorogical win refor, we expanded to the month of the month of the motor of the motorogical private reformation for the motorogical private permanent Federal agency personnel (to exclude the motorogical private permanent Federal agency personnel (to exclude find a celemonary into explication for the motorogical private personnel field accidence to the other Park Segurical, while it is deported to the motorogical private personnel.	The Housing Rist Planter will work with the FEMA-appointed. Tederal Distant Focover, Condinator (FROR), 04.339-04-P.P., applicable Territorial Leadild, and other federal partners in the origination of integrated planning that addresses flouring issues and Solutions. Additionally, the Galanter will assist in the issues and Solutions. Additionally, the Danner will assist in the	The Housing RSF planner will work with the EKNA-appointed Federal Disaster Recovery Coordinator (FRSR) of A339-084-R, applitable Territorial tead(s), and other federal partners in the collaboration of intagrated planning that addresses housing tissues and solutions, Additionshit, the balance will assist in the The Housing RSF planner will work with the EKNA-appointed.	Federal Distator Recovery Coordinator (FDKC) for 4339-DR-PR, applicable Territorial Ledd(s), and other federal partners in the collaboration of integrated planning that addresses housing assessed polarious, additionable, the glomes will assist in the Addirected by and in coordination with FRAM, US Department of Addirected by and in coordination with FRAM, US Department of	Housing, & Urban Development (HUD) will provide permanent Federal agency personnel (to exclude temporary hies of the other DNA agencies) willings to deploy for a field assignment to aucolement DNISE(RMA diabater response and recevery efforts, Ad directed by and in coordination with FMA, US Department of the property of the provided of the provided of the provided of the Add incided by and in coordination with FMA, US Department of the provided of the	Leuraing & Userban Development (HUD) will provide permanent Federal agency personnel (to exclude temporary hires of the other DHS agency personnel (to exclude temporary hires of the other DHS agency personnel to expense the provided temporary hires of the world high the other provided agency for a federal action of the provided temporary and provided the provided temporary and the provided tempor	Admires abused marker execution (Though on the sound in decining the first the sound of response operations). The content in Pent Reconstruction (Section Sound on the sound of the commonwealth of Pent Sound (Section Soulbect marker executs will record cliently to ES-15 and will seek building the request of the Commonwealth of Pents (ES and III).	Development (HUD), will assist survivors with housing secures and needs in Res. Additionally, Housing secures and needs in Res. Additionally, Housing secure and additionally, Housing matter ecoenties will be an added resource for the housing mission and affected by and in coordination with FEMA. Will provide a directed by and in coordination with FEMA to write the secure of the	Support Base (1831) Federal Staging Area (FAJ or point of need in support of Base (1831) Federal Staging Area (FAJ or point of need in support of FKNA response operations. As directed by FKNA, DLA will activate leasted evenetor contracts and award requirement As directed by and in coordination with FKNA. Sub, will provide a staging and in coordination with FKNA substaging and award requirement.	Support Base (1881) Federal Staging Area (FAJ) or point of need in support Base (1881) Federal Staging Area (FAJ) or point of need in support of EFAN or separate operations. As directed by FEMA, DIA will achieve teason so contracts on the support of EFAN or and a support	and cureer teacher generators to without support to the City of th
ın	RSF	RSF	RSF	vs	ΙΛ	15	9	٢		7
DHS-ST	рнир	QNHQ	Фина	DHND	онор	Онпо	дпна	V IQ	P[A	AJQ AJ
10/04/17	09/25/17	09/30/17	10/31/17	09/25/17	71/20/01	10/22/17	11/06/17	71/22/50	09/28/17	09/29/17
10/04/17	71/52/60	09/30/17	10/31/17	09/25/17	15/07/17	10/22/17	11/06/17	09/22/17	09/28/17	09/29/17
HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA
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242925 4339DRPRDHS-5T0100	241532 4339DRPRDHUD0100	72 4339DRPRDHUDD1.01	4339DRPRDHUDO102	241596 4339DRPRDHUD0200	4339DRPRDHUD0201	245269 4339DRPRDHUD0300	246659 4339DRPRDHUDD400	240974 4339DRPRDLA0100	97 4339DRPRDLA0101	77 4335DRPRDLA0102
2429;	2415	242472	246191	2415	243218	2452	2466.	2409	242097	242377

								As directed by and in coordination with FEMA, DLA will provide and deliver lessed generators of various capacities to the incident			
244480	4339DRPRDLA0103	PR	HURRICANE MARIA	10/15/17	10/15/17	DLA	7	Support Base (158)/Federal Staging Area (FSA) or point of need in	1/30/2018	\$55,000,000	DFA
								support of FEMA PSPOISE operations, as unexter by FEMA, DOS will activate deseage anemator contracts and award requirement. As directed by and in coordination with FEMA, Defense Logistics Agenow (DLA) will deploy a Distribution Expeditionary Packagel(s)			
241102 4	241102 4339DRPRDLA0200	R	HURRICANE MARIA	09/22/17	09/22/17	PIA	7		10/27/2017	\$5,000,000	FOS
								Exceditionary has the ability to provide ocrsonnel, coulonnent Request for DLA to send up to 6 Million Military MRE meals to Crowley Cross-Docking Facility in Jacksonville, FL starting 19 Sept			
241089 4	241089 4339DRPRDLA0300	æ	HURRICANE MARIA	71/22/60	09/22/17	PI V	^	in support of the Caribbean ongoing support of Hurricane Maria. The immediate requirement is to ship SOOk Military MREs per day	10/17/2017	\$48,000,000	FOS
								to Crowley Lozistic 2061 SCL Drive Jacksonville, FL 32209. Each Request for DLA to send up to 6 Million Military MR6 meals to Crowley Cross-Docking Facility in Jacksonville, FL starting 19 Sept			
246629	4339DRPRDLA0301	æ	HURRICANE MARIA	11/06/17	11/06/17	DLA	7	_	12/31/2017	S,	ŠÕ.
								to Crowley Loststic 2051 SCL Drive Jacksonville, Ft 32209 Each Provide bulk fuel Diesel and Mogas, to include fuel tuck services with self sustaining operators to Puerto Rico for up to 30 days.			
241355 4	241355 4339DRPRDLA0400	<u>x</u>	HURRICANE MARIA	09/23/17	09/23/17	PIA	7	:	10/20/2017	\$40,000,000	FOS
								provided for the Artistation of the analysis of the provided built fuel bless I and Mogas, to include fuel truck services with self sustaining operators to Puerto Rico for up to 30 days.			
246631	4339DRPRDLA0401	蓋.	HURRICANE MARIA	11/06/17	11/06/17	PIA	7	5.	12/31/2017	0\$	FOS
241598 4	241598 4339DRPRDLA0600	æ	HURRICANE MARIA	09/25/17	09/25/17	DLA	,	Provine JUO sleeping bags to Our NA In Puerro Rico by Aeptember 26, 2017 at 0800 hours at a cost of \$64.09 each.	10/2/2017	\$12,818	FOS
								As directed by and in coordination with FEMA, Defense Logistics Agency (DLA) will provide 1200 Item name: Pouch, Human			
241739	241739 4339DRPRDLA0800	æ	HURRICANE MARIA	09/26/17	09/26/17	DLA	7	Remains (Type 2a Pouch, Self-Contained), NSN 9930-01-331- 6244. The Pouch is 94" x 36", w/6 handles, and constructed from	10/30/2017	\$72,000	So
								17 mil reinforced black vinvl. in support of DR-4339-PR response As requested by and in coordination with FEMA, Defense to the contract of the			
241821 4	241821 4339DRPRDLA0900	æ	HURRICANE MARIA	09/26/17	09/26/17	DLA	7	Incident Support Base (ISB) or other Points of Distribution in	10/5/2017	\$10,000,000	505
								Support or Puerro Rico response operations. This link incloude oroviding fuel and soil orevention packages for needed fueling As requested by and in coordination with FEMA. Defense the coordination with refers to the coordination and or distribute fuel for the			
245952	4339DRPRDLA0901	æ	HURRICANE MARIA	10/28/17	10/28/17	AJ0	7		11/30/2017	\$30,000,000	õ
								support of Puerta Rico response operations. This may include be providing fuel and soil intervention aackages for needed fuelling As directed by and in coordination with FBMA, Defense Logistics Asserve (1) at will nowled MEA's and MRRs in support of DR.			
242107	242107 4339DRPRDLA1100	E.	HURRICANE MARIA	09/28/17	09/28/17	PLA	7	>	10/10/2017	\$162,500,000	DFA
								requirements			

								As directed by and in coordination with FEMA, Defense Logistics			
242845	4339DRPRDLA1101	Æ	HURRICANE MARIA	10/04/17	10/04/17	910 V	7	Agency (DLA) will provide MEALS and MREs in support of DR- 4339 response operations. Reference attachments for delivery requirements.	10/10/2017	0\$	DFA
246663	4339DRPROLA1102	æ	HURRICANE MARIA	11/06/17	11/06/17	P P	7	As we discussed, we are ready to support with 82M commercial As directed by and no consolination with FAM, Deliense togistics Agency (DAP, will provide MRALS and Miss in support of DAP. 4339 response operations. Reference attachments for delivery	12/31/2017	Ş	DFA
242258 43	42258 4339DRPRDLA1200	P.	HURRICANE MARIA	10/04/17	10/04/17	AIG	7	As we discussed, we are ready to support with 82A commercial Beginning Cotcher 18, 2017 and going through October 26, 2017 delever 24 6 Million Commercial Meals (2, 133.33 as each day). Additionally deliver 1.2 Million MKFs (60),000 each day on 18	10/31/2017	\$162,500,000	DFA
246656 4	246656 4339DRPRDLA1201	, A	HURRICANE MARIA	11/06/17	11/06/17	A A	7	and 19 October, 2017). Water and bothed water are also included to this center for the segment between Cross-Deville Beginning Colone 19, 2017 and gene Ethiosep. 26, 2017 devile to 12 Annillon Merit 24, 6 Million Commercial Newlo, (2733.33 seeh day). Additionally deliver 12, Million MRE 5, 600,000 each are on 18	12/31/2017	0\$	DFA
242226 4	242225 4339ORPRDLA1300	R.	HURRIGANE MARIA	10/06/17	10/05/17	AJ A	7	and 19 October, 2017). Water and bottled water are also mounded that is courset. Deliver to: Crowlev cas Dockhor Beginning October 77, 2013 and going Trough November 5, 2017 deliver 77 3 plus Million Commercial Meals (2, 733, 333 each day), water and bottled water to the Crowley Cross-Docking Psellipy: Crowley Logstics, 2061 SCI, Drive, Jacksonwille, 1, 32208 to be put	11/10/2017	\$162,500,000	DFA
246630	4339DRPRDLA1301	A.	HURRICANE MARIA	11/06/17	11/06/17	٧Id	7	on a barse for Puerta Rico. Beginning Cuchber 77, 2017 and going through November 5, 2017 deliver 27, 3 bus willing no commercial Neals (2,733,333 each day), water and bottled water to the Crowley Cross-Docking Facility: Crowley Logistra, 2,065 SCL Drive, Jacksonville, Fl 32203 to be put on a barse for Pentr Rico.	12/31/2017	03	DFA
242545 4	242545 4339ORPRDLA1600	æ	HURRICANE MARIA	10/01/17	10/01/17	PLA	۲	D.A. please purchase 5 water tanker trucks, approx, 6000 gallon capacity for the state of Peter fol so and deliver to 2061. S.C.L. Drive Jacksonville, F.J. 32209. These 5 water tanker trucks will then be barged over to Puero Rico by Crowley togistics.	10/7/2017	\$750,000	DFA
243416	4339DRPRDLA1601	8	HURRICANE MARIA	10/01/17	10/07/17	DLA	7	DLA please purchase 5 water tanker trucks, approx. 6000 gallon appeally for the State of Puetral Ros and deliver to 2061 S.C.I. Drive lackcowille, F1 3209 These 5 water tanker trucks will then be barged over to Puetro Rico by Crowley Logistics.	10/13/2017	\$1,500,000	DFA
244467	4339DRPRDLA1602	œ.	HURRICAME MARIA	10/15/17	10/15/17	PLA	7	OLA please purchase S water tanker trucks, approx. 6000 gailon apashy for the State of Peterfols and deliver to 2061 S.C.L. Orve lacksowille, Fl. 32209. These S water tanker trucks will then be barged over to Puerto Rico by Crowley Logistics.	10/31/2017	\$0	DFA
246664	4339DRPRDLA1603	Æ	HURRICANE MARIA	11/06/17	11/06/17	DIA	7	DLA please purchase 5 water tanker truds, approx. 6000 gallon capacity for the State of Puerto Rico and deliver to 2061 S.C.t. Drive Jacksonville, Ft. 322091. These 5 water tanker trucks will then be barged over to Puerto Rico by Crowley Logistics.	12/31/2017	0\$	DFA
242747 4	242747 4339DRPRDLA1700	æ	HURRICANE MARIA	10/03/17	10/03/17	PIG	7	Provide expert distribution and logistics planning augmentation and capability to FEMA's NRCC for approx 2 weeks.	10/18/2017	\$10,000	Fos

POS	DFA	DFA	DFA	DFA	DFA	Fos	FOS	FOS	FOS	Pos
08	\$2,500,000	9,	\$162,500,000	\$50,000,000	05	\$1,500,000	000'05\$	\$700,000	S,	\$273,000
10/31/2017	10/10/2017	12/31/2017	10/31/2017	11/1/2017	12/31/2017	10/22/2018	10/30/2017	12/24/2017	12/31/2017	10/17/2017
Provide expert distribution and logistics planning augmentation and capability to FEMA's NRCC for approx 2 weeks.	OLA please provide a minimum of 250K (water containers or jugs that are collapsible preferred 1 to Sgallons), and or (solid containers ranging in size from 12 6 Sgallons), which can be used to hold water for dissates survivors to transport from the distribution coint, to their homes/phejkers, DLA cartisl shinments	Und presse provide a minimum or Zauk (water containers or juga- that are collapsible preferred 1 to 5 gallons) and or (solid containers ranging in size from 3 to 5 gallons), which can be useed to hold water for disaster survivors to transport from the	Statishuction control to their Jonatosi-faireties, 10,4 annish shinnents Beginning October 9, 2017 and going through October 17, 2017 deliver 5 a Million MRE 5 (600,000 each day) and 24 6 Million Commercial Meals (2,733,333 each day), water and bottled water. Deliver to Crowler Cross-Docking Fedity. Crowler objectics, 2015 27, Drive Jacksowitte, Fit 3220 be but on a Ad directed by and in coordination with FEMA, DA will provide	(purchase and deliver) mass care commodities to support FEMA response operations in Puetro Rico, Geginning on/around October 20, 2017 and going through November 1, 2017 (or in contrast and deliver items to ensure flomer, as needed) DIA is to burthase and deliver items to ensure	and directed by and in coordination with FRM, DIA will provide (purchase and deliver) mass care commodities to support FEMA response operations in Puetra Rico. Beginning on/around coches 70, 2017 and going through November 1, 2017 on proper, as needed DLA, is to ourplake and deliverit learn or proper, as needed DLA, is to ourplake and deliverit learn or en-	Frank win such course. Frank win such course. Water for up to tweke months at DA Distribution Sail Joaquin. FEMA understands that the San Joaquin facility has the roughly 4200 pallet positions required to hold 3M liters of water.	As directed by and in coordination with FEMA, Dept of Commerce (10C) Marional Telecommunications & Information Administration (MTIA) will provide appropriate personnel to the R2 IOF, IFO, FEMA teams, or other facilities in support of FEMA	As directed by and in coordination with FEMA, Department of As directed by and in coordination with FEMA, Department of Commerce (DOC) will provide permanent federal agency personnel (to exclude temporary intes of the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FEMA & disaster resoonse and recovery efforts.	ad directed by be ball in coordination with FRM, Department of commerce (DOC) will provide permanent federal agency personnel (to exclude temporary hiter of the other DHS agencies) willing to deploy for a field assignment to supplement place that the supplement of	As requested by another communications software provide voice, data, and video communications software at a fixed location for personnel providing coordination of initial assessment teams and other first responders. Provide Intermet.
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DLA	DIA	DLA	Ą	ፈር	DLA	Pla	DOC) DOC	DOC	DOD
10/19/17	10/03/17	11/96/17	10/04/17	10/21/17	11/06/17	10/25/17	09/24/17	09/24/17	71/26/01	09/22/17
10/19/17	10/03/17	11/06/17	10/04/17	10/21/17	11/06/17	10/25/17	09/24/17	09/24/17	72/70/01	71/22/60
HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA
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4339DRPRDLA1701	242800 4339DRPRDLA1800	4339DRPRDLA1801	242855 4339DRPRDIA1900	245243 4339DRPRDIA2000	4339DRPRDLAZ001	245401 4339DRPRDLA2100	241457 4339DMPRDOCG100	241490 4339DRPRDGC0200	4339DRPRDOC0201	241053 4339DRPRDQD0100
244828	242800	246665	242855	245243	245379	245401	241457	241490	243219	241053

243302	4339DRPRDOD0101	g.	HURRICANE MARIA	10/06/17	10/06/17	DOD	~	As requested by and in coordination with FEMA, the DoD will provide voice, data, and video communications solitions at a fixed location for personnel providing coordination of initial assessment teams and other first responders. Provide internet.	10/31/2017	\$500,000	FOS
244790	4335DRPRDODO102	R.	HURRICANE MARIA	71/61/01	71/61/01	DOD	2	excluded, the excluded and in coordination with FRNA, the DoD will provide voice, data, and video communications solutions at a previde voice, data, and video communications solutions at a stated location for presonne journing according coordination of findial assessment teams and other first responders. Provide Internet	11/14/2017	000'05\$	FOS
245991	4339DRPRDODO103	84	HURRICANE MARIA	10/30/17	10/30/17	god	7	As exchanged by and in coordination with FRNA, the DoD will provide voice, date, and order communications solutions at a read location for presonnel providing accordination of infinal assessment teams and other first responders. Provide Internet assessment teams and other first responders. Provide Internet	11/21/2017	\$25,000	FOS
246622	4339DRPRDODUJO4	8	HURRICANE MARIA	11/06/17	11/06/17	gog	2	As requested by and in coordination with FBNA, the DoD will provide voice, data, and video communications solutions at a praced teaching requirement provide voice, data, and other broading coordinations of inflail assessment it earns and other first responders. Provide interret	12/14/2017	\$0	FOS
241077	241077 4339DRPRDQD0200	82	HURRICANE MARIA	09/22/17	71/22/60	g _D	7	eachback. As directed by and in coordination with FEMA, DOD will activate and deploy aerial port operations team(s) to coordinate, control, no load, and oldback presonne and other leadphrent in support of RR for hurricane Maria response operations.	10/17/2017	\$285,682	Fos
243553	4339DRPRDOD0201	a.	HURRICANE MARIA	10/09/17	10/09/17	90	,	Our treaponitie for towidine orestoanel addoce equipment Addrected by and in coordinaten with FRAA, DOD will activate and deploy aerial port operations team(s) to coordinate, control, on ford, and otificate personnel and their equipment in support of Pi for furricane Munia response operations.	10/31/2017	\$10,000,000	F0S
244560	4339DRPRDOD0202	ž	HURRICANE MARIA	10/19/17	10/19/17	QDQ	۲	OD is responsible for rounding nestranels addressionment. As directed by and in confination with FRMA, DOD will activate and depicy aerial port operations teamily (FRMA, DOD will activate and depicy aerial port operations teamily (by coordinate, control, on load, and offload personnel and their equipment in support of PR of hurtraten Maniar response operations. TOD is resconsible for mouding mersonnel and resonance and controllers.	11/30/2017	0\$	FQS
241086	241086 4339DRPRDOD0300	ď.	HURRICANE MARIA	09/22/17	71/22/50	900	ω	Request DOD activate and deploy mortuary affairs teams to assist with recovery of remains to Puerto Rico in support of FEMA response operations.	10/21/2017	\$1,800,000	DFA
244823	4339DRPRDOD0301	ec.	HURRICANE MARIA	10/19/17	10/19/17	gog	ω	As directed by and in coordination with FEMA. Dear of Defense Request DOD between and deploy mortuary affairs teams to assist with recovery of remains to Puetro Rico in support of FEMA response operations.	11/20/2017	\$1,800,000	DFA
241118	241118 4339DRPRDODG400	E.	HURRICANE MARIA	09/22/17	09/22/17	000	и	As directed by and in coordination with ERMA. Deat of Defense deferace by and in coordination with FEMA, dept of Defense (DOC) will provide imagery support via air for damage assessments and/or situational awareness in support of FEMA response and Coorsever efforts. The Death Ricci Deliving Hurtificane exponse and Coorsever efforts in Poetro Ricci Deliving Hurtificane assessments.	10/17/2017	\$1,197,000	FOS
241106	241106 4339DRPRDOD0500	8	HURRICANE MARIA	09/22/17	09/22/17	gog	7	As directed by and in coordination with FEMA, Dept of Defence (100) will prodict anapopration of personnel floor-medical patients) and/or cargo in support of FEMA resporse operations. FEMA concurs additional expenses incurred by Air Force Bases in	10/17/2017	\$10,000,000	Fos

FOS	FOS	FOS	50 S	S	FOS	FOS	FOS	FOS	FOS	FOS
\$10,000,000	\$20,000,000	\$50,000,000	\$5,500,000	\$10,000,000	\$30,000	\$42,000	\$100,000	\$71,900	\$71,000	\$14,039,606
10/17/2017	10/17/2017	11/1/2017	11/24/2017	10/17/2017	7102/71/01	10/17/2017	10/17/2017	10/31/2017	11/15/2017	10/22/2017
Ad intered by and in coordination whit FRM, Dept of Defense (DOD) will provide transportation of personnel (non-medical patients) and/or cargo, in support of FEMA response operations. FRM contact additional expenses incurred by Alf Force Bases in contract of business and business incurred to Alf increase March including male prostruction.	Varion or ynthrade waring munium Marken, bay of priense didected by and in coordination with FeMs, bay of priense (100) will provide transportation of personnel (non-medical patents) and/or cargo, in support of FEMA resonnse operations. FEMA concurs additional expenses incurred by Air Force Bases in support of Hurstrame Markin fundition adjet construction. Ad directed by and in coordination with FEMS, Days of Defense.	(DOD) will provide transportation of personnel (non-medical partents) and/or ergo, in support of FEMA response operations: FEMA contacts additional expenses incurred by Air force Bases in support of Historians Maria funding nallest construction. Additional malest market by and in coordination with FEMA, Dept or Deletine	(100) will provide transportation of personnel (normedical patients) and/or cargo, in support of FEMA response operations FEMA concurs additional expenses incurred by Air Force Bases in EUMA concurs additional expenses incurred by Air Force Bases in EUMA concurs additional Mays induding called construction.	elevedore sevines findunding Voult for families entrem the continental united States to Buerto Rico and the US Virgin lands. Capabilities will also funded pere disc, surface, and writed if the dischare. This is to autoout the seriors as and writed if the complete of the complete of the complete of NDMS Patient Reception and Definitive Care will be accomplished.	in accordance with the most triffent h-LL gloude. All ucas, yase and non-hOD resources are exhausted or duction thave the capability to meet the requirement. In minist be but exporting of 300 PCE NUMBA hospitals. Verific Minister bett exorting of 300 PCE NUMBA, hospitals. Verific As requested by and in coordination with FEMA, DoD will provide As	three BGAN terminals and personnel with mobile voice data communications for initial entry assessment to conduct damage assessment and coordinate initial response for a 30 day period.	As requested by and in coordination with FEMA, DoD will provide three GAN4 terminals and personne with mobile voice data communications for initial entry assessment to oriduct damage assessment and coordinate initial response for a 30 day period.	As requested by and in coordination with FEMA, DoD will provide three EGAV terminals and personner with moise woice data communications for initial entry assessment to conduct damage assessment and coordinate initial response for a 30 day period.	As requested by and in coordination with FEMA, DoD will provide three BiGAV where BiGAV where BigAV were bigAV assessment with conduct damage communications for initial earty assessment to conduct damage assessment and coordinate fullial response for an 3 of by period.	As attected by and it coordination with Termit, upto Learner (DOD) will provide fixed-wing aecomedical exactation forces to conduct phased and interdependent NOMS theater patient movement in support of FEMA response operations. The State is
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09/28/17	09/30/17	10/07/17	10/21/17	09/23/17	09/22/17	09/22/17	10/01/17	10/15/17	10/30/17	09/22/17
09/28/17	09/30/17	71/20/01	10/21/17	09/22/17	09/22/17	09/22/17	10/01/17	10/15/17	10/30/17	09/22/17
HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARÍA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA
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4339DRPRDGDUS01	4339DRPRDODG502	4339DRPRDOD0503	4339DRPRDCD0504	241107 4339RRFDOD0600	241108 4339DRPRDGDG700	241109 4339DRPRDCD0800	4339 DRPRDODO801	4339DRPRDODO802	4339DRPRDODOS03	241165 4339DRPKDOD1000
242109	242479	243515	244969	241107	241108	241109	242542	244471	245989	241165

241178 4	241178 4339DRPRDOD11GO	A.	HURRICANE MARIA	09/22/17	09/22/17	gog		As requested by and in coordination with FEMA and request DoD provide to the JAOC, a fallored JACCE consisting of air and space power subject matter experts to ensure integrated air, space, and communications operations.	10/29/2017	\$100,000	FOS	
241289 '	241289 4339DRPRDCD1200	æ	HURRICANE MARIA	71/23/13	09/23/17	gog	m	In ADCCE, constraint or four air assex constraints stated by and in coordination with FEMA and EFS 3, Dob will complete route opening/destances along roadway routes will complete route opening/destances along roadway routes affected by the disaster after, fourlet law enforcement has secured the route(s), Dob Will clean debits from the roadway in order to	9/28/2017	000'000'E\$	DFA	
241876	4339DRPRDCD1201	æ	HURRICANE MARIA	71/27/20	09/27/17	909	m	As equested by and in coordination with FEMA and Security will be As requested by and in coordination with FEMA and Security will be will complete route opening/deserance along roadway routes affected by the disaster after local law enforcement has secured the route(s). Down will feet affects from the codeway in conder to the county of the control route of the control router.	10/5/2017	8	DFA	
242322	4339DRPRDGD1202	P.R.	HURRICANE MARIA	us/29/17	71/62/60	gog	m	As requested by and in coordination with FENA's and Ests 3, Dob Mill complete once open-inglebarance along roadway routes affected by the disaster after local law enforcement has secured the route(s). Dob will clear debris from the roadway in order to	10/31/2017	0\$	DFA	
245567	4335DRPRDOD1203	æ	HURRICANE MARIA	10/25/17	10/25/17	gog	m	act the follow 100 will not review be a death. Security will be as each the following the and in soodination with FBMs and ES 3, DOD will complete route opening/clearance along roadway routes affected by the disaster after local list ventorcent has secured the route(s), DOD will clear debts from the roadway in order to clear the route, DOD will not entire the roadway in order to glear the route, DOD will not emprove the debts. Security will be	11/14/2017	\$1,000,000	DFA	
246540	4339DRPRDGD1204	er er	HURRICANE MARIA	11/06/17	11/05/17	gog	m	steptiesce by that into Obligation Profits and an artistic and an artistic and a steptiesce by the disaster after local law enforcement has secured the routely, Down Will clear address from the code, so will clear address from the code away in order to dear the control Down Will clear address from the code way in order to dear the control Down Will clear address from the code way in order to dear the control Down Will see address from the code way in order to	11/39/2017	0\$	DFA	
241322 .	241322 4339DRPRDCD1300	æ	HURRICANE MARIA	09/23/17	71/23/17	909	^	As requested by and in coordination with FEVA, DaD will provide ground transportation support to move personnel and/or cargo in burns fite. Movement it estimated to occur from 22 Sep 2017 to 22 Oct 2017 or until DaD completes or terminates the	10/17/2017	\$2,000,000	FOS	
244640	43390RPRDOD1301	8	HURRICANE MARIA	71/71/01	71/17/01	909	7	Assistance by and in coordination with FBMA, DoD will provide ground transportation support for move personnel and/or cargo in Peerto Rio. Movement is estimated to occur from 2.5 kep	10/31/2017	\$1,000,000	FOS	
245336	4339DRPRDOD1302	æ	HURRICANE MARIA	10/22/17	10/22/17	909	۲	Associated by and in coordination with FEMA, DoD will provide ground transportation support no move personnel and/or cargo in Parto Bio. Movement it estimated to occur from 22 sep 2017 to 22 Oct 2017 or until DoD completes or terminates the	11/24/2017	\$1,000,000	FOS	
246811	4339DRPRDOD1303	Æ	HURRICANE MARIA	11/08/17	71/08/11	gog	7	Assistance by and in coordination with FENA, DoD will provide ground tensportation support for move personnel and/or cargo in Puerdo Rico. Movement it estimated to occur from 22 8ep 2017 to 22 Oct 2017 or until DoD compietes or terminates the	11/30/2017	çş	Fos	
241326	241326 4339DRPRDOD1400	85	HURRICANE MARIA	09/23/17	09/23/17	000	7	Mission and Dod General Support Aviation Battalion to provide frequest anortation/evocuation of civilian, medical, and military personnel (medical patients including animals/pets, if deemed evcential), carco and/or commodities using 23 Medium and 12.	10/17/2017	\$30,800,000	DFA	

								Request a DoD General Support Aviation Battalion to provide			
241834	4339DRPRDOD1401	Я	HURRICANE MARIA	71/92/60	09/26/17	DOD	7	personnel (medical patients Including animals/pets, if deemed	10/17/2017	å\$	DFA
								essential), cargo and/or commodities using 23 Medium and 12 Heavv rotarv wing assets fheavv or medium lift—external or Request a DoD General Support Aviation Battalion to provide			
243193	4339DRPRDOD1402	Æ	HURRICANE MARIA	10/06/17	10/05/17	000	7	transportation/evacuation of civilian, medical, and military personnel (medical patients including animals/pets, if deemed	10/31/2017	\$150,000,000	DFA
								essential), cargo and/or commodities using 23 Medium and 1.2 Heavy rotary wine assets theavy or medium lift-external or Requests a Dob General Support Aviation Battalion to provide transcordation/avanation of evillan medical and military			
244983	4339DRPHDOD1403	РЯ	HURRICANE MARIA	10/21/17	10/21/17	gog	7	personnel (medical patients including animals/pets, if deemed essential), careo and/or commodities using 23 Medium and 12	11/24/2017	\$100,000,000	DFA
								Heavy rotary wine assets theavy or medium lift-external or At the request of HHS on behalf of the Puerto Rico Dept. of Health, and in coordination with FEMA, the Department of			
241354 4339DRPRDOD1600	001600	æ	HURRICANE MARIA	09/23/17	09/23/17	gog	œ	Defense will provide the following medical support: A termoreary medical facility canadia of providing traumatic	10/30/2017	\$50,000,000	DFA
								A temporary meanant anning copied by promine recentary and and routine medical care to civilians. This facility At the request of HHS on behalf of the Puerto Rico Dept. of Health, and in coordination with FENA, the Desartment of			
242329	4339DRPRD0D1601	æ	HURRICANE MARIA	71/62/60	09/29/17	DOD	00	Defense will provide the following medical support:	10/30/2017	\$52,000,000	DFA
								 A temporary medical facility capable of providing traumatic, emergency and routine medical care to civilians. This facility At the request of HHS on behalf of the Puerto Rico Dept. of 			
0000	000 4000000000	á	VIOVES LINVOIDED IN	F 47 607 O C	10/09/17	Š		Health, and in coordination with FEMA, the Department of	10/30/3017	\$40.012.000	DFA
542703	4339UAFADOU1602	Ľ	DORRIGAINE WANTA	10/00/11	17/50/07	3	0	- A temporary medical facility capable of providing traumatic,	107 (07 (07		
								emerency and routine medical care to civilians. This facility At the request of HHS on behalf of the Puerto Rico Dept. of Heaith, and in coordination with FEMA, the Department of			
242900	4339DRPRDOD1603	8	HURRICANE MARIA	10/04/17	10/04/17	gog	ot:	Defense will provide the following medical support:	10/31/2017	\$100,000,000	DFA
						,		A temporary medical acting Separate by provining securious, the energence and routine medical care to civilians. This facility energes of HHS on behalf of the Puerto Rico Dept. of Health, and in coordination with FEMA, the Department of			
244799	4339DRPRDOD1604	84	HURRICANE MARIA	10/19/17	10/19/17	DOD	00	Defense will provide the following medical support: - A temporary medical facility capable of providing traumatic,	11/30/2017	S.	DFA
								emerzency and routine medical care to civilians. This facility As directed by and in coordination with FEMA, Dept of Defense (DOD) will activate and deploy mortuary affairs teams to assist			
241359 4339DRPRDOD1800	001800	Œ	HURRICANE MARIA	09/25/17	09/25/17	000	c ts	with recovery of remains in support of FEMA response operations.	10/20/2017	\$36,000	F0S
								As directed by and in coordination with FEMA, Dept of Defense (DOD) will provide Civil Authorities information Support (CAIS) to			
241436 4339DRPRDOD1900	0001300	Œ	HURRICANE MARIA	09/24/17	09/24/17	900	15	distribute emergency messages in support of FEMA Region II response operations. DOD is responsible for providing personnel	10/25/2017	\$1,038,000	FOS
								and/or equipment necessary to accomplish the mission. All As directed by and in coordination with FEMA, Dept of Defense			
243852	4339DRPRDOD1901	8	HURRICANE MARIA	10/11/17	10/11/17	DOD	15	(DOD) will provide Civil Authorities Information Support (CAIS) to distribute emergency messages in support of FEMA Region II resonnes prestations. DOD) is resonatible for providing personnel	11/25/2017	\$500,000	FOS

\$100,000 FOS	\$250,000 Fos	\$500,000 FOS	\$500,000 FOS	\$7,500,000 DFA	\$7,500,000 DFA	\$60,000,000 DFA	\$45,500,000 DFA	\$302,050 FOS	\$48,013,000 FOS	
10/14/2017	10/31/2017	10/31/2017	10/30/2017	10/31/2017 \$	10/31/2017 \$	10/31/2017 \$6	11/30/2017 \$4	10/31/2017	11/28/2017 \$4	
Conduct thorough assessment on the feasibility to open Rousevelt Roads, PR as an operational airport for air cargo and port operations for see cargo. Airport assessment should 1 consider the ability to support C-Sa and Antonov 124-like aircraft.		As directed by and in coordination with FBMA, Dept of Defense 1000/91 Impease to receive patients within 2 hours of notification of incoming patient movement missions. Initial 11 request is for One (1) DOD FCC - Columbia - to be ALERTED.				by the project great that should be capable of performing level floor provide tear that should be left and calculated for supplies, food lodging, local non-medical assistant for supplies, food lodging, local non-medical statisticant for supplies, food lodging, local non-medical greated that the supplies, food lodging, local non-medical self-sufficient for a period of 30 days, [The size of the unit should be		extractive by and in coordination with FBNA. DoD will provide a Defense Coordination (DICO). Region II and Region V supporting staff merical (Army, Navy, Air force, Marine and US, Opasi Guard Resolvians' (Army, Navy, Air force, Marine and US, Opasi Guard Resolvial and Stage Emercency Presupationss	ally	DOD will assess, make temporary repairs and operational support
7	60	90	Ф	ω	80	∞	ea	non-specific ESF	φ	
QOQ	gog	gog	gog	gog	gog	gog	gog	000	gog	
09/24/17	71/52/60	71/62/60	09/25/17	71/25/20	71/82/60	09/29/17	71/61/01	09/26/17	09/26/17	
09/24/17	09/25/17	09/29/17	09/25/17	09/25/17	71/82/50	09/29/17	10/19/17	09/26/17	71/92/50	
HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	
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241450 4339DRPRDCD2000	241561 4339DRPROOD2100	4339DRPRDOD2101	241S89 4339DRPRDGD2200	241654 4339DRFRDOD2400	4339DRPRDGD2401	4339DRPRDOD2402	4339DRPRDOD2403	241775 4339DRPRDOD2600	241673 4339DRPROGD2700	
241450	241561	242296	241589	241654	24191.7	242240	244825	241775	241673	

244998	4339DRPROOD2801	8	HURRICANE MARIA	10/20/17	10/20/17	900	m	DOD will assess, make temporary repairs and operational support any airy airport and/or seaport within Puerto Rico when requested by and in coordination with ENAN to support disaster operations. Air all professions disport disaster operations. Air all professions will persect by ERNA and agreed upon by DOD. Follow on missions will be submitted via FRNA Mission.	11/24/2017	\$2,800,000	DFA
241932 43	241532 4339DRPRDODZ900	æ	HURRICANE MARIA	71/12/60	09/27/17	000	7	As directed by and in coordination with FRMA, Dept of Detense (DOD) will provide facility and support as a FEMA incident Support Base (1581), redeard Staping, Area (FSM), to support forward distribution of supplies or equipment and/or FEMA feederal Team (TSS) for occasioned and teams by Ast directed and in coordination with FEMA to Propartment of	10/31/2017	\$30,000	ō.
241933 48	241933 43390RPRDOD3000	æ	HURRICANE MARIA	71/17	05/27/17	QQQ	σı	Defense will provide Command & Control elements and proprietate command and control structure to conduct immediate life-saving operations, including search and rescue, the control structure of the control structure of the Activacia sprices, observing and establishments of Activacia sprices, possible and establishments of Activacia sprices, proposition and activation of Activacia sprices, proposition and activation of Activacia sprices.	10/17/2017	\$2,500,000	FOS
241934 48	241934 4339DRPRDCD3100	æ	HURRICANE MARIA	71/17/0	09/27/17	909	÷Λ	General et al. (1990) de appropriate personne la conduct planning and operational in support of Hurriane Maria. This includes but is not limited to: Flanning Support to FEMA to assist in the dependent and development of a first result interest of but in the support of the sup	10/26/2017	\$125,000	FOS
243224	4339DRPRDOD3101	PR	HURRICANE MARIA	10/06/17	10/06/17	gog	sı	As a finered at 94 and in coordination With Few, the opps unter to beferes will provide appropriate personnel to conduct planning and operational in support of Hurricane Water. This includes but its not limited too. Islaming Support to EMA to assist in the binning and development, of so re-grant assist to the binning and development, of so re-grant yaters of oublic.	10/26/2017	000'005\$	FOS
244987	4339DRPRDOD3102	Æ	HURRICANE MARIA	10/20/17	10/20/17	900	vı	elected by and in coordination with FRAM the Department of Defense will provide appropriate personnel to conduct planning and operational in support of Hurricane Maria. This includes but the cold inned to (1) Planning Support to FRAM to assist in the olanning and development of a for re-enry stratesy of oublic	11/28/2017	\$700,000	FOS
246744	4339DRPROOD3103	æ	HURRICANE MARIA	11/07/17	11/07/11	дод	sn	As directed by and in coordination with FEMA, the Department of Defense will provide appropriate personnel to conduct planning and operational in support of Hurricane Maria. This includes but is not limited to: Planning Support to FEMA to assist in the alphania and development of R for recentry retastes of public Assensated by and in coordination with FEMA DDD Juli product.	12/28/2017	\$	FOS
241935 43	241935 4339DRPRDCD320G	æ	HURRICANE MARIA	71/72/60	71/17	gog	non-specific ESF	personnel to conduct general support missions to FEMA during Hurricane Marie (DRXXX). This may include but is not limited to: wellness checks in damaged or affected areas specified by FEMA,	10/26/2017	\$10,500,000	DFA
242038 43	242038 4339DRPRDOD3300	g.	HURRICANE MARIA	09/28/17	09/28/17	gog	^	As directed by and in coordination with FENA, Department of Defense (Doby will provide facility and support as a ENA Incident Support Base (185) of Federal Staging Area (FsA) to support forward distribution of supplies or equipment and/or FENA Federal Team Stagine Facility (FTS) for personnel and	10/27/2017	\$30,000	FOS
242093 45	242093 4339GRPRDOD3500	A.	HURRICANE MARIA	09/28/17	09/28/17	000	non-specific ESF	Activate DOD to the NRCC, FEMA teams, or other facilities in support of FEMA response operations to Hurricane Maria.	7102/61/01	\$30,000	FOS
242096 43	242096 43390RPRDOD3700	æ	HURRICANE MARIA	09/28/17	09/28/17	000	on.	As requested and in coordination with FEMA the Department of Deferses will provide Commend & Cornori Jenemstrand appropriate command and control structure to conduct immediate life-saving operations, including search and rescue	10/27/2017	\$5,000,000	FOS

FOS		SO.	FOS	FOS	FOS	FOS	FOS	FOS	F0S	FOS	Pos
\$10,000,000		\$15,000,000	\$0	\$5,000,000	\$5,000,000	\$8,300,000	\$0	\$53,000	\$500,000	\$30,000	\$200,000
10/27/2017		11/28/2017	12/28/2017	10/27/2017	10/27/2017	11/24/2017	12/8/2017	10/27/2017	10/27/2017	11/7/2017	11/7/2017
As requested and in coordination with FEMA the Department of Defense will provide Command & Control elements and appropriate command and control structure to conduct	immediate life-saving operations, including search and rescue services. The medical services, foreistics and sustainment for DOD As requested and in coordination with FEMA the Department of Defense will provide Command & Control elements and	appropriate command and control structure to conduct immediate life-saving operations, including search and rescue services, medical services, locistics and autaniment for DoD Asservices, and in coordination with FPRA t	appropriate command and control structure to conduct immediate life-saving operators, including search and rescue services, medical services, losticis and sustainment for DoO Art requested and in coordination with Fight, DOO Will susser, with managing the theater distribution network and trinoughput of	commodites to berto Rica ale surrounding locations. DOD will plan and/or implement commodities distribution from pents of debarkation to Points of Distribution (POD) within Bearto Rico Abearkation to Points of Distribution (POD) within Bearto Rico Amenaging the thester distribution in the Fight, DOD will assist with managing the thester distribution network and throughput of	commodities to Puerto Rico and surrounding locations. DOD will glah and/or interferent commodities distribution from ports of debarkation to Points of Distribution POD within Puerto Rico the Requested and in coordination with FEMA. DOS will sissis with managing the theeter distribution network and throughput of	commodities to Puerto Rico and surrounding locations. DOD will plan and/or inherent commodities destribution from ports of debaritation to Points of Distribution (POD) within Puerto Rico Rebaritation to Points of Distribution (POD) within Puerto Rico Repressed and in coordination with FERA. OD will assist with managing the threater distribution network and throughput of	commodities to Puerte Rico and surrounding locations. DOD will plan and/or informent commodities distribution from poors of debatkation to points of Distribution (POD) within Puerto Rico As equested by and in coordination with Effect, DOD within powde public affairs support to include but not illning to writers,	editors, photographers and videographers in support of the of the furricane halfs response operations, birt information Center (IIC) or other locations as required, Team will limite As equested by and in coordination with Febru, NOD will proude public affairs support to include but not limited to writers,	editors; photographers and videographers in support of the of the Hurriane Maria response operations, Joint Information Center (IIC) or other location, as reounded. Team will limited St equested by and in coordination with reflexity, DOD Willipprode public Affairs support to include but not imined to writers,	editors, photographers and videographers in support of the of the Hurtizena Maha response operations such information Center (JIC) or other locations as required. Team swill bring the Sequested by and in coordination with FRAM, DOD Will provide white - Africa is never for include his non-includent without	editors, photographers and videographers in support of the of the Hurricane Maria response operations Joint Information Center (JIC) or other locations as required. Teams will brine
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71/0E/60		10/20/17	71/09/11	09/28/17	10/01/17	10/19/17	11/08/17	09/28/17	10/03/17	10/09/17	10/11/17
21/08/60		10/20/17	11/09/17	09/28/17	10/01/17	10/19/17	11/08/17	09/28/17	10/03/17	10/09/17	71/11/01
HURRICANE MARIA		HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA
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242521		244949	246971	242138	242523	244953	246769	242140	242681	243639	243734

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\$500,000	\$1,400,000	80	\$10,000	\$250,000	\$3,000,000	\$10,000	\$4,060,000	\$3,600,000	\$2,900,000	80
71/27/2017	1/7/2018	11/30/2017	10/31/2017	10/31/2017	10/28/2017	10/31/2017	12/31/2017	10/31/2017	11/24/2017	12/18/2017
As requested by and in coordination with FEMA, DOD will provide public affairs support to include but not limited to writers, editors, photographers and videographers in support of the of the Huricane Maila response operations joint information Center ILIO oy other locations as recoursed. Jeans will bring	As requested by and in condination with FEMA, DOD will provide public affairs support to include but not limited to writers, enforce, proceedings, proceedings, proceedings, provident and videographers in support of the offer the Uniform Waltin response operations Limit Information Center (Info or other lovations as required Teans will information	As requested by and in roconflavation with Fish, DOD will provide public affairs support to include but not limited to writers, editors, photographers and videographers in support of the of the white hurrican Maria response operations about it follows for Expression of Center (III) on other locations as required legins, will brine.	ons works requesting that the department of describe to provide space to store critical, high-value IT gear each night on Puerto Rico.	Opfinum space: secure filt, pawed no cover required. 6 acres, DDFS INGS is requesting that the Department of Defense to provide space to store critical, high-value if gear each night on Puerto Rico.	Oddmum sazer, secure, flat, owyed no cover required, 6 scress- As directed and in coordination with FERN DOW Willpain and/or implement commodities distribution plan, delivering commodities to pre-identified staging areas from incident Support Basels, DO Bogstre, operations will include but not be limited to Ensuring adequate [58 teams, with staten facilities.	As directed by and in coordination with FRAN, DOV will provide subject matter experts to support the functions of EFS #15 by providing technical advice on the mission assigned activities of their agency. The staff deployed must be able to speak publicly on the paid of their acense. Tom Crosson at OSP bublic Affirst has	In support of the FEMA Administrator, the Department of Defense (Doo)will temporarily cieral full-time Federal civilian personnel (excluding temporary) intely willing to deploy for a field assignment to supplement DefFEMA disaster response and recovery effects in summer ref FEMA recovers offerst in summer ref FEMA recovers constraints.	in coordination with FEMA, DOD will supply radars which must be capable of communicating the sexting WMS/Federal Aviation Administration systems. To accomplish this, request that direct coordination be allowed between NWS/Forwiding unit technical personnel coatabilish joint Agandarids for communication and communications.	capable of communicating with existing WWS/Federal Aviation Administration systems. To accomplish this request that direct coordination belowed between WWS/Forwiding unit technical personnel to establish injoint stanfards for.	In coordination with FRMA, DOW MI supply radars which must be capable of communicating with existing WWS/Federal Advation Administration systems. To accomplish this, request that direct coordination be allowed between NWS/providing unit technical personnel to establish ionit standards for
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10/17/17	10/21/17	10/30/17	09/29/17	10/02/17	09/29/17	71/52/60	71/62/60	10/01/17	10/21/17	11/06/17
10/17/17	10/11/17	10/30/17	71/62/60	10/02/17	17/62/60	09/29/17	71/62/60	10/01/17	10/21/17	11/06/17
HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA
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4339DRPRDOD3904	4339DRPRDOD3905	4339DRPRDOD3906	242200 4339DRPRDOD4000	4339DRPRDOD4001	242210 4339DRPRDD D4 100	242286 4339DRPRDGD4200	242334 4339DRPRDOD4400	242406 4339DRPRDOD4500	4339DRPRDQD4501	4339ORPRDOD4502
244633	244957	245969	242200	242593	242210	242286	242334	242406	244973	246610

								In coordination with FEMA, DOD will provide community			
242445 4	242445 4339DRPRDGD4700	R	HURRICANE MARIA	10/01/17	10/01/17	gog	non-specific ESF	coordination and liaison to assist in providing services throughout Puerto Rico. Initial requirement is for 29 bi-lingual (Spanish- English) service members to support engineering, signal, and	10/29/2017	\$323,657	FOS
								other operations as recuired. Follow on missions for additional in coordination with FEMA DOD will execute and support base-camp capabilities in Puerto Rico to accommodate response.			
242702	242702 4339DRPRDOD4900	æ	HURRICANE MARIA	10/03/17	10/03/17	gog	7	personnel in support of Hurricane Maria operations. Including but not limited to lodging, field services, sustainment, and	1/10/2018	\$200,000,000	FOS
								execution of the LOGCAP mission. DoD provide Prime Power Lineman to support the restoration of the power distribution system in Puerto Rico. All plans of action			
242713 '	242713 4339DRPRDOD5000	Æ	HURRICANE MARIA	10/03/17	10/03/17	DOD	12	devised to accomplish this work must be coordinated with impacted territory and its electric power utility, the Water and	11/7/2017	\$180,000	DFA
								Power Authority Puerto Rico (WAPA PR). DoD provide Prime Power Lineman to support the restoration of the power distribution system in Puerto Rico. All plans of action			
244804	4339DRPRDOD5001	84	HURRICANE MARIA	10/19/17	10/19/17	gog	12	devised to accomplish this work must be coordinated with	1/7/2018	\$360,000	DFA
								Impacted territory and its electric power utility, the Water and Power Authority Puerro, Rico (WAPA PR). Power Authority Puerro, Rico (WAPA PR). Conditivation with ERMA, DOD will provide FEMA incident Conditional Security Association Association (Security Association Association Association) with the Conditional Security Association Association Association Association (Security Association Association) and the Conditional Security Association Association (Security Association) and Conditional Association (Secur			
242715	242715 4339DRPRDOD5100	æ	HURRICANE MARIA	10/03/17	10/03/17	DOD	7	Juppor Gase(s)), receipt anglig meny juby) upy with the following requirements: hardstand to stage	11/2/2017	\$10,000	FOS
								trucks/trailers/equipment/personnel for processing, cross loading, and forward movement as required. Provide life safety As directed and in coordination with FEMA DOD will plan and/or innehand commodifies distribution wian deliverine.			
242826	242826 4339DRPRDOD5200	æ	HURRICANE MARIA	10/03/17	10/03/17	000	7	commodities to pre-identified staging areas from Incident	10/31/2017	\$3,000,000	DFA
								Support Base(s), DOD logistics operations will include but not be limited to Ensuring adequate 158 teams with standard facilities. Provide logistics, facilities, sustainment, and land/acreage. Any additional requirements for this facility must be pre-coordinated.			
243185 '	243185 4339DRPRDOD5300	g.	HURRICANE MARIA	10/06/17	10/06/17	DOD	7	with DOD due to the limited resources available. FSA initial requirements will provide if (as available):	10/31/2017	\$100,000	Fos
244974	4339DRFRDOD5301	8	HURRICANE MARIA	10/20/17	10/20/17	900	7	Provide logistics, facilities, sustainment, and land/acreage. Any additional requirements by this facility must be pre-coordinated with DOD due to the linked resources available. FSA initial requirements will provide if (as available).	11/24/2017	\$60,000	FOS
246832	4339DRPRDOD5302	P.R.	HURRICANE MARIA	11/08/17	11/08/17	000	7	Provide logistics, facilities, sustainment, and land/acreage. Any definitional requirements for his facility must be pre-coordinated with DOD due to the limited resources available, FSA initial requirements will provide if (as available):	12/24/2017	0\$	FOS
243291 4	243291 4339DRPRDODS400	æ	HURRICANE MARIA	10/07/17	10/07/17	000	7	Request for DOD to provide Field Service Unit (Laundry and Bath) to support responders for a period of initially 30 days.	10/31/2017	\$300,000	F05
		;				į	,	Mission Assignment task orders will be issued for specific zeronie Facilicanents, locatoriski, dates, and duration of Request for DOD to provide Field Service Unit (Jaundry and Barth) to support responders for a period of initially 30 days.			:
244522	4339DRPRDOD5401	æ	HURRICANE MARIA	10/16/17	10/16/17	900	^	Mission Assignment task orders will be issued for specific personnel requirements. location(s): dates. and duration of	11/14/2017	\$155,556	Fos

FOS	Fos	FOS	FOS	Fos	FOS	503	FOS	FOS	FOS	DFA
\$200,000	8	\$50,000	8	\$10,000,000	0\$	\$500,000	Q\$	\$32,000,000	\$0	\$1,000,000
11/30/2017	12/14/2017	11/12/2017	11/24/2017	11/11/2017	11/24/2017	12/31/2017	12/31/2017	11/13/2017	11/24/2017	12/14/2017
Request for DOD to provide Field Service Unit {laundry and Bath} to support responders for a period of initially 30 days.	Mission Assignment task orders will be sused for specific percentage of the suse of the suse of duration of Request for DOD to provide Field Service Unit (Luundy and Bath) to support responders for a period of initially 30 days.	Mission Assignment task orders will be issued for specific presonant business and duration of in coordination with FRAN, DOD will provide Joint Base Charleston for a FEMA inchest Specific Base (ISB)/Federal Staging Area (FSA) with the following infinite inquirements:	1.10 to 15 acres (North-Auxilian Air Field). Nardoack or microordination with Field (DOW will provide oring assertant or a FEM) incident Support Base (ISS)/Federal Steging Area (FSA) with the following initial requirements:	1.10 to 15 acres (North Auvilian Air Field). hardnack or Request Ood martines applied to condeavent of condeavent steen reconstanciated in Field and RO/RO requerements from CONUS to VIFR. Requirement is to transport approximately 2000 forny food equivalent containers and 400 picess of rolling stock par week for approximately 30 glaws. This requirement, includes redeelingment	equest OUD martine subport to conauct movement or containers statistical frequency of VICA or equivalent stone CONUS or VIPA. Requirement is to transport approximately 2000 forty foot equivalent containers and 400 pieces of rolling stock per week for	anonominates do dans. In sequence, related se realorment As requested by and in conjunction with FRIAL, DOD will provide a Defense Coordinating office (DOD)/Defense Coordinating Element (DCE), and laisons to locations determined by the rost includes I/O, or other locations specified by FRIAN, in support of includes I/O, or other locations specified by FRIAN, in support of distants operations in temporate the Iuriproach Assis in preprint As requested by and in conjunction with FRIAL, DOD will provide		disaster operations in response to Puricines Maina in Peretro Request capability to conduct vessel operations that encompass cargo reception, nort support activities, staging operations, beading/officating and port security for a period of 30 days in support of Huritane Maria Intengency Operations, Request the operate embargation in the syldinize of Charleston, Score	cargo receiption, port support activities, staging operations, loading/offloading and port security for a period of 30 days in support of Hurthones Maria Interagency Departions, Request the support of Hurthones Maria Interagency Departions. Request the support of Hurthones and American Services of the support of the support of Hurthones and American Services of the Servic	to confinate with Fish of the Commonwealth of fuer Rico Discordination with Fish, the Commonwealth of fuer Rico Department of Health of human Services and CDC, the DOD will utilize teams to include but not limited to:
7	7	7	7	^	۲	non-specific ESF	nan-specific ESF	,	7	00
000	gog	gog	gog	000	000	900	gog	QOQ	god	QOQ
10/25/17	11/06/17	10/13/17	11/06/17	10/13/17	11/06/17	10/14/17	10/26/17	10/14/17	11/06/17	10/20/17
10/25/17	11/06/17	10/13/17	11/06/17	10/13/17	11/06/17	10/14/17	10/26/17	10/14/17	11/06/17	10/20/17
HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA
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245452	246589	243927	246591	243978	246699	244224	245453	244380	246698	244630

Conduct water supply sanitary assessments on water supply

								in coordination with FEMA, DOD will provide bi-lingual civil affairs			
245127 433	24S127 4339DRPRDGD6000	æ	HURRICANE MARIA	10/21/17	10/21/17	DOD	15	community coordination and liaison support to assist in providing services throughout Puerto Rico. Requested support includes	1/7/2018	\$2,600,000	Fos
								engineering, signal, and medical coordination, DV visits, commodity distribution, and other missions as required ISO ESF			
								in coordination with FEMA, DOD will provide bi-lingual civil affairs community coordination and liaison support to assist in providing			
245382	4339DRPRDOD6001	E.	HURRICANE MARIA	71/72/01	11/27/11	Qoq	15	services throughout Puerto Rico. Requested support includes engineering, signal, and medical coordination. DV visits.	11/30/2017	05	FOS
								commodity distribution, and other missions as required ISO ESF In coordination with FEMA, DOD will provide bi-lingual civil affairs			
								community coordination and liaison support to assist in providing			
246743	4339DRPRD0D6002	or or	HURRICANE MARIA	11/07/17	11/07/17	gog	non-specific ESF	services throughout Puerto Rica. Requested support includes engineering, signal, and medical coordination. DV visits.	12/30/2017	\$0	FOS
								commodity distribution, and other missions as required 150 ESF As requested by and in coordination with FEMA and HHS, DOD			
								will move, staff, and operate one DOD maritime medical			
245132 433	245132 4339DRPRDOD6100	œ.	HURRICANE MARIA	10/21/17	10/22/17	QOQ	ω	treatment facility that is the equivalent to a Role of medical care Ill treatment facility to medically treat disaster victims in San Juan	12/31/2017	\$15,300,000	DFA
								Puerto Rico and surroundine area. HHS will coordinate As requested by and in coordination with FEMA and HHS, DOD			
								will move, staff, and operate one DOD maritime medical			
245360	4339DRPRDOD6101	æ	HURRICANE MARIA	10/25/17	10/25/17	90	œ	treatment facility that is the equivalent to a Role of medical care	11/22/2017	S,	DFA
								Ill treatment facility to medically treat disaster victims in San Juan Brianto Biograph currounding axea. HHS will proceedinate			
								WAPA Crew will provide assessment and restoration support for			
241166 433	241166 4339DRPRDOE0100	ď	HURRICANE MARIA	09/22/17	09/22/17	DOE	12	PREPA in Puerto Rigo PREPA in Puerto PPS Support provided to PREPA will end	10/1/2017	\$87,000	FOS
								once the transport to USVI is secured for the original mission			
241344 433	241344 4339DRPRDOE0200	æ	HURRICANE MARIA	09/23/17	09/23/17	DOE	12	assignment. As directed by and in coordination with FEMA, Dept of Energy As directed will provide appropriate personnel to the NRCC or other facilities in support of FEMA response operations for Hurricane	10/23/2017	000'8\$	Sō
								Maria in Puerto Rico.			
241765	4339DRPRDOE0201	Ĕ.	HURRICANE MARIA	09/26/17	09/26/17	DOE	12	As directed by and in coordination with FEMA, Dept of Energy (DOE) will provide appropriate personnel to the NRCC or other facilities in support of FEMA response operations for Hurricane	10/31/2017	\$52,000	FOS
								Maria in Puerto Rico.			
243840	4339DRPRDOE0202	æ	HURRICANE MARIA	10/11/17	10/11/17	jod	12	As directed by and in coordination with FEMA, Dept of Energy (IODE) will provide appropriate personnel to the NRCC or other facilities in support of FEMA response operations for Hurricane Maria in Dusarta Ren	1/6/2018	\$245,000	FOS
								As directed by and in coordination with FEMA, US Department of			
241511 433	241511 4339DRPRDOE0300	æ	HURRICANE MARIA	71/52/50	09/25/17	DOE	12	Energy (DOE) will provide permanent Federal agency personnel to exclude temporary hires of the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FEMA's disaster	12/24/2017	\$700,000	FOS
								resoonse and recovery efforts. As directed by and in coordination with FEMA, US Department of			
243221	4339DRPRDGE0301	æ	HURRICANE MARIA	10/07/17	10/07/17	DOE	12	Energy (JOE) will provide permanent Federal agency personnel (to exclude temporary hires of the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FEMA's disastern	12/31/2017	\$	FOS

241873 4	241873 4339DRPRDOE0400	æ	HURRICANE MARIA	71/12/0	71/2/60	300	12	As directed by and in coordination with FEMA, Department of Energy will provide 2 personnel/SMEs to support FEMA response operations in Puerto Rico. This request is to move ESF#12 IMAT	10/13/2017	\$125,000	Š
								support from Irma (MA 43350R-VI-DDE-01) over to Irma/Maria (MA 4339DR-PR-DOE), and will orovide support specific to Puerto As directed by and in coordination with FRMA, perfect months of proportions of the property of the proportion of the propor			
242622	4339DRPRDOE0401	œ	HURRICANE MARIA	10/02/17	10/02/17	DOE	12	creegy will provide a personner) avies to support review expense operations in Puerto Rico. This request is to move ESF#12 IMAT support from Irma IMA 4335ReVI-DDF-01) over to Irma/Maria	10/31/2017	S,	FOS
								(MA 4339DB-PR-DDE), and will provide support specific to Puerto As directed by and in coordination with FEMA, Department of Energy will provide 2 personnel/SMEs to support FEMA response			
243647	4339DRPRDOE0402	K.	HURRICANE MARIA	10/09/17	10/09/17	DOE	12	operations in Puerto Rico, This request is to move ESF#12!MAT support from Irma (MA 4335DR-VI-DOE-01) over to Irma/Maria	1/6/2018	\$640,000	F0S
								(MA 4339BR-PR-DOE), and will provide succort specific to Puerto As directed by and in coordination with FEMA, US Department of Terray (DOE) will provide External Affairs subject matter experts			
242327 4.	242327 4339DRPRDOE0S00	æ	HURRICANE MARIA	10/02/17	10/02/17	BOE	12	(SMEs) to the (**NRCC, RRCC**), FEMA Incident Management Assistance Teams (IMATs), or other entities or facilities in support	11/1/2017	\$40,000	FOS
								of resoonse operations. As directed by and in coordination with FEMA, US Department of As directed by and in coordination with FEMA, US Department of Energy (DOE) will provide External Affairs subject matter experts			
243216	4339DRPRDOE0501	g.	HURRICANE MARIA	71/70/01	10/07/17	300	12	(SMEs) to the (**NRCC, RRCC**), FEMA incident Management Assistance Teams (IMATs), or other entitles or facilities in support	11/1/2017	\$160,000	FOS
								of resoonse operations. As directed by and in coordination with FEMA, US Department of			
245082	4339DRPRDQE0502	8	HURRICANE MARIA	10/21/17	10/21/17	DOE	12	Energy (DOE) will provide External Affairs subject matter experts (SMEs) to the (**NRCC, RRCC**), FEMA incident Management	11/30/2017	\$100,000	FOS
								Assistance Teams (IMATs), or other entities or facilities in support			
								of resoonse operations. U.S. Department of Energy (DOE) will provide 4 subject matter experts (MPG) in electrical distribution transmission eneration			
243324 4.	243324 4339DRPRDOE0600	æ	HURRICANE MARIA	10/06/17	10/06/17	306	12	energy efficiency, renewable energy and related topics for 4 weeks to advise the US Army Corps of Engineers (USACE) on the	10/30/2017	\$240,000	FOS
								assessment, blanning and reconstruction of the electrical grid in U.S. Department of Energy (DOE) will provide 4 subject matter exerts (SMEs) in electrical distribution, transmission, generation			
243479	4339DRPRDOE0601	æ	HURRICANE MARIA	10/07/17	10/07/17	306	12	energy efficiency, renewable energy and related topics for 4 wooke to addise the 115 Army Corns of Engineers (115ACE) on the	12/30/2017	\$2,400,000	50 S
								assessment, planning and reconstruction of the electrical grid in As directed by and in coordination with FEMA, US Department of			
241508 4.	241508 4339DRPRDOED0100	æ	HURRICANE MARIA	09/25/17	09/25/17	DOED	ın	Education will provide permanent Federal agency personnel (to exclude temporary hires of the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FEMA's disaster	12/24/2017	\$700,000	FOS
		:					,	response and recoverv efforts. As directed by and in coordination with FEMA, US Department of Education will provide permanent Federal agency personnel (to		;	3
243223	4339DRPRDOED0101	ž.	HURRICANE MARIA	10/07/17	10/07/17	DOED	s	exclude temporary hires of the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FEMA's disaster	12/31/201/	0.5	ŝ
241339 4	241339 4339DRPRDOI0100	æ	HURRICANE MARIA	09/23/17	09/23/17	IOO	non-specific ESF	response and receiver effort receiver. As directed by and in-coordination with FEMA, DOI will provide appropriate personnel to the NRCC, FEMA teams, or other non-specific ESF. facilities in support of FEMA response operations.	10/22/2017	\$3,000	Fos

Funding for DOI Efforts, if authorized by FEMA, will be orovided

FOS	fos	FOS	SQ.	FOS	POS	ŠÕ	FOS	Fos	POS	Pos
000'08\$	\$15,000	\$700,000	0\$	\$25,000	\$10,000	000'09\$	(000'05\$)	\$10,000	\$10,000	\$10,000
10/31/2017	11/15/2017	12/25/2017	12/31/2017	10/26/2017	11/25/2017	10/31/2017	10/31/2017	12/1/2017	11/11/2017	10/30/2017
As directed by and in coordination with FEMA, DOI will provide appropriate personnel to the NRCC, FEMA teams, or other facilities in support of FEMA response operations.	Fundine for DOI Efforts, if authorized by FEMA will be provided As directed by and in coordination with FEMA, DOI will provide appropriate personnel to the NRCC, FEMA teams, or other facilities in support of FEMA response operations.	Fundine for DOI Efforts, if authorized by FEMA, will be crowled As directed by and in coordination with FEMA, US Operationers of Interior (DOI) will provide permanent Federal agency personnel (to exclude temporary hires of the other DHS agencies) willing to delayly or a field assignment to supplement DHS/FEMA's disaster	As directed by and in coordination with ERAA, US Oppartment of interior (DOI) will provide permanent federal agency personnel (to exclude temporary inters of the other DHS agencye) willing to depoy for a field assignment to supplement DHS/FEMA's disaster depoy for a field assignment to supplement DHS/FEMA's disaster	The NCR RSF planner will work with the FEMA-appointed Federal Disaster Recover Coordinate (FDRC) for 4339-08-R9, applicable Territorial Laad(s), and other federal partners in the collaboration of integrated planning that addresses impacts to natural and	coptural resources and solutions. Additionally, the obanner well per KR SEF planner will work with the FEMAs appointed reserval Disaster Recovery Coroninator (FDRC) for 4339-DR-RR, applicable Territorial Lead(s), and other Rederal partners in the collaboration of integrated planning that addresses impacts to natural and cultural resources and solutions. Additionally, the clanner will	ESF-1 is requesting at least one-flight a day, from Oct 3st-Oct 31st from either the fixed-wing and rotary-wing alroraft for assessment of all roads and bridges within PR.	ESF-1 is requesting at least one-flight aday, from Oct 1st-Oct 31st from either the fixed-wing and robary-wing aircraft for assessment of all roads and bridges within PR.	As directed by and in coordination with FEMA, US Geological Source (USS) will provide appropriate personnel to the NRCC, RRCC, DCF, FEMA teams, or other facilities in support of FEMA response operations.	As directed by and in coordination with FEMA, US Geological Schrey (USGS) will provide appropriate personnel to the NRC, RRC, (10; FEM Reams, or other facilities in support of FEMA response operations.	As directed by and in coordination with FEMA, US Department of the interior (DOI) will provide a papropriate personnel in support of FEMA operation in response to Hurrizane Maria Funding for DOI command center(s), if authorized by FEMA, will be provided to command center(s), if authorized by FEMA, will be provided.
non-specific ESF	non-specific ESF	'n	vı	RSF	RSF	7	,	v	vi	#
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09/30/17	10/13/17	09/25/17	10/06/17	09/25/17	10/21/17	10/01/17	10/04/17	10/01/17	11/01/17	10/03/17
71/08/60	10/13/17	09/25/17	10/05/17	09/25/17	10/21/17	10/01/17	10/04/17	10/01/17	11/01/17	10/03/17
HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA
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242504	244240	241498	243225	241592	245294	242531	242895	242543	246120	242822

DFA	DFA	FOS	, Q	FOS	FOS	F05	Fos	õ	Pos	FOS
\$100,000	\$355,550	\$700,000	0\$	\$700,000	\$0	\$5,000	\$60,000	\$60,000	\$35,000	\$65,000
11/21/2017	12/31/2017	12/24/2017	12/31/2017	12/24/2017	12/31/2017	10/30/2017	12/3/2017	12/31/2017	10/17/2017	12/8/2017
In support of Institute of Puerto Rican Culture and General Archive's request for assistance and as directed by and in coordination with FEMA, Dept of the Interior	(DOI) will profite appropriate personnel to the IFO to support FRAM exceptions. The support recorded mannel and the AS requested by PRSHPO and in coordination with FRAA. DOI will provide technical assistance is support of bento Rico. FRAA requests a team of five (S) specialists from ESPAL comprised of.	but not limited to, SMEs meeting the Secreary of the Interiors Professional Joulingshood Sandards in one of the following As directed by and in coordination with FBMA, US Department of Labor (DOU) will provide permanent Federal agency personnel (to exclude temporary hisse of the offend DNS agency personnel (to exclude temporary hisse of the offend DNS agency personnel (to denice Associated as a companion of the offend body and a con- denice Associated as a companion of the offend body and the offend body and a con-	eachyd on end assignment to supplement DNA/Trok a based resconts and recorder wifetrs. As directed by and in coordination with FBMA, US Department of Labor (DOU) will provide permanent Federal agency personnel (to exclude temporary hirses of the other DNS agencies) willing to deploy for a field assignment to supplement DHS/FEMA's disaster	response and recover wifort, and the school persons and recover wifort, and directed by and in coordination with FEMA, US Department of State will provide permanent federal agency presonnel (to exclude emproxy history the other Distagnment by experiming to depicy for a field assignment to supplement DMS/FEMA's disaster	Assignment and recover where the ked directed by and in coordination with FEMA, US Department of State will provide permanent federal algency personnel (to eaclude temporary hitse of the other Distagness) and iming to educate temporary hitse of the other Distagness of educations and exercises with the reconsess and recovery differs.	As directed by and in coordination with FEMA, Dept of State (1005) will provide appropriate personnel to the NRCC to support FEMA response operations	Funding for DOS command center(s), if authorized by FENA, will As directed by and in coordination with FENA, US Department of State (Dost I provide External Affairs subject matter experts (SMEs) or the (""HRC, FRCX""), FENA incident Nanagement Assistance Teams (IMATs), or other entities or facilities in support	of resonary energhtons. def resonary energhtons, and in concentration with FEMA, US Department of State (DOS) will provide Kethard Adrists subject matter experts (SMES) to the ("**NRC," P, FEMA incident Nanagement Assistance Teams (IMATs), or other entities or facilities in support	of rescone operation of the state of the state of As directed by and in coordination with FEMA, Dept of Transportation (DOT) will provide appropriate personnel to Puerto Rico to support FEMA response operations.	All outchase, must not strengther, must be conjudently with FEMA. As directed by and in coordination with FEMA, Epit of in Transportation (DOT) will provide appropriate personnel to Puerto Rico to support FEMA response operations.
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10/21/17	11/06/17	09/25/17	10/06/17	09/25/17	10/05/17	09/28/17	10/04/17	10/23/17	09/22/17	10/10/17
10/21/17	11/06/17	09/25/17	10/06/17	09/25/17	10/06/17	09/28/17	10/04/17	10/23/17	09/22/17	10/10/17
HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MAR(A	HURRIGANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA
A.	82	뚪	£	8	#	쫎	85	æ	#	Æ
245098 4339DRPRDOI0700	246313 43390RPRDCI0800	241499 4339DRPRDOL0100	43390RPRDOLO101	241564 4339DRPRDOS0100	4339DRPRDOSO101	242114 4339DRPRDOS0200	242849 4335DRPRDOS0300	4339DRPRDOS0301	241083 4339DRPRDOT0100	4339DRPRDOT0101
245098	246313	241499	243229	241564	243207	242114	242849	245083	241083	243646

All ourchases and excenditures must be coordinated with FEMA.

FOS	DFA	60 S	FOS	FOS	FOS	505	FOS	FOS	F0S	Fos
\$13,000,000	\$3,000,000	\$60,000	\$50,000	\$240,000	000'09£'£\$	%	\$35,000	\$10,000,000	\$10,000	\$100,000
10/17/2017	10/22/2017	10/31/2017	10/31/2017	11/30/2017	12/24/2017	12/31/2017	10/31/2017	11/3/2017	10/31/2017	10/31/2017
As directed by and in coordination with FRMA, DOT/MARAD will growide ships as a floating housing facility, billeding, meals, shipboard support services for FRMA approved personnel, and such other related services MARAD and FEMA jointly deem necessarva, as corrowed by the Saite and FEMA do hobard DOT is responsible for a rounding sersionel and/or sequinment.	necessary to accomplish the mission. All purchases and expenditures must be coordinated with FEMA. Prior approach from the Federal Anomories Official (F.D.) is onessary to excure reimburcement	As directed and in coordination with FEMA, Dept of armount of transportation (DOT) will provide appropriate personnel to support FEMA response operations at the NRCC, or other teams and facilities as requested by FEMA.	As directed and in coordination with FEMA, Bept of Transportation (DCI) will produce appropriate personnel to support FEMA response operations at the NRC2, or other teams and facilities as requested by FEMA.	As directed and in coordination with FEMA, Dept of Irmstoration (DCI) will produce appropriate personnel to support FEMA response operations at the NRCC, or other teams and facilities as requested by FEMA.	As directed by and in coordination with FBMA, US Department of Transportation (DOT) will provide permanent feederal agency personnel (to exclude temporary hines of the other OH's agencies) willing to depty for a field assignment to suplement	Dristrays stasker issoned and recover to USbreadment of Adiected by and in coordination with FEMA, US bepartment of Transportation (DOT) will provide permanent federal agency personnel (to exclude temporary hires of the other DHS agencies) willing to dejoy for a field assignment to supplement DHS/FEMA's disaster resonores and recovery-efforts.	as directed by also in coordination with rest v. Un in-Y, 10.1 is to establish a toll free number for emergency responders supporting emergency relief efforts. It is intended to be domicilied at the DOT HIG or a suffered all and staff of 24/1 by two or here Spanish soeskine personnel for adjusted as needed) until it is determined.	Request MARGO maritimes upport to conduct the movement of containerstation freight and RO(70 requirements from CDNUS to VIPR. Requirement is to transport approximately 4000 forthy foot equivalent containers and 200 petes of follogs stock per week for approximately 30 days. This requirements it ignides redeallowment	the Feder's Mikway Administration/USADC requests a mission assignment for costs associated with supplementing staff resources within Puetro Rico to conduct response and recovery activities for Hurriane Maria. Specifically, DOT/FHVM personnel will conduct, infield domains, asfery, assessments for initial.	I he federal ingnway naministration/Joshor requests a mission assignment for costs associated with supplementing staff resources within Puerto Rico to conduct response and recovery activities for Hurriane Maria. Specifically, DOT/FHWA personnel
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БОТ	DOT	T00	T00	Tod	DOT	DOT	T00	DOT	DOT	DOT
09/24/17	09/25/17	09/25/17	10/04/17	10/12/17	09/25/17	10/06/17	10/03/17	10/03/17	10/04/17	10/05/17
09/24/17	09/25/17	09/25/17	10/04/17	10/12/17	09/25/17	10/06/17	10/03/17	10/03/17	10/04/17	10/05/17
HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA
Æ	A.	쭚	Ŗ.	Æ.	8	88	Æ	æ	84	g.
241332 4339DRPRDOT0300	241471 4339DRPRDOTU400	241558 4339DRPRDOTOSOO	4339DRPRDOT0501	4339DRPRDGT0S02	241639 4339DRPRDOT0600	4339DRPRDCT0601	242554 4339DRPRDOT07co	242836 4339DRPRDOTOBGO	242905 4339DRPRDGT0900	4339DRPRDOT0901
241332	241471	241558	242927	243909	241639	243208	242554	242836	242905	243140

								The Federal Highway Administration/USDOT requests a mission assignment for costs associated with supplementing staff			
245202	4339DRPRDGT0902	Æ	HURRICANE MARIA	10/21/17	10/21/17	DOT	н	resources within Puerto Rico to conduct response and recovery activities for Hurstone Mails. Specifically, DOFFHWA personnel will conduct infail damase and safety assessments for initial statement of and in coordination with FIGHA. The Department of Transconsistent Assessment and activities and activities of the property of the Department of Transconsistent Assessment and Property Assess	11/30/2017	\$50,000	FOS
242998 43	242998 4339DRPRDCT1000	g.	HURRICANE MARIA	10/04/17	10/04/17	ТОД	ਜ	or I things that all sometimes deministration (LOV) (PARSAC) will provide technical separation and exquisition assistance to procure commental sessed into as a loaning bousing beating, billering, meals, shipponed support and contractives for Territory/FEMA sed directed by and in coordination with FEMA The Department of Transcontration's Marchine Administration (InCT/MASSAC) will	11/4/2017	\$100,000	FOS
246802	4339DRPRDGT1001	æ	HURRICANE MARIA	11/07/17	11/07/17	Toa	r.	provide technical expertise and acquisition assistance to procure commercial was essentially and acquisition assistance to procure commercial was essel high as a fonding buousing facility, bifeting, meals, shiboper support and goort services for Territory/FEMA sequested by and in conclusion with Fight, Dept of 17 announcement of 18 an	12/31/2017	95	FOS
243488 43	243488 4339DRPRDOT1100	£	HURRICANE MARIA	10/07/17	10/07/17	рот	Ħ	restoration costs associated with damaged public transportation systems and underface learning exsessement and costs disdition work for both operating and collab costs of those systems usine As requested by and in coordination with fish, Dept of 17 association DOYTA will determine stual recovery and	12/4/2017	\$200,000	FOS
243910	4339DRPRDOT1101	æ	HURRICANE MARIA	10/12/17	10/12/17	DOT	н	restoration costs associated with damaged public transportation systems and underface termings assessment and costs vididation work for both coerstine and calolal costs of those systems using ERMs is requising impactive theam compiled of qualified personnel (such as ovid rennies, specializing in structures,	12/4/2017	\$75,000	FOS
244295 43.	244295 4339DRPRDCT1200	g.	HURRICANE MARIA	10/14/17	10/14/17	ТОО	ਜ	gestechnical and heavy road construction) to work with the foreign and soal size force to provide inspections and recommendation; for emergency reading (Mr. Dept of addicted by and in coordination with FeM. Dept of Transportation (DOT) will provide appropriate personnel to the	12/31/2017	\$400,000	DFA
245027 43.	245027 43390RPRDOT1300	g.	HURRICANE MARIA	10/20/17	10/20/17	TOO	ਜ	Puerto Rico Joint Information Center to support FEMA response postetions. These Spanish speeks will report directly to ESF-15 to support the Intergovenmental affaits mislon to ensew will report the RP Department of Transportation requests FHWA to assist in completive enterentry realists to the	11/30/2017	\$400,000	SO
245301 43.	245301 4339DRPRDOT1400	ď.	HURRICANE MARIA	10/27/17	10/27/17	TOO	Ħ	PRHTA's non-federal aid road infrastructure. The scope of work will roade best is not limited. PRHA's grounding assistance by performine the followine PHA's grounding assistance by performine the followine advisate End mood fandaud in FRMA, provide appropriet personnel to the FRMA NRCC or other facilities in support of	12/31/2017	\$3,000,000	DFA
241348 43	241348 4339DRPREPA0100	£ :	HURRICANE MARIA	09/23/17	09/23/17	EPA	9 :	FEMA response operations for Hurriane Maria in Puerto Rico. Furdine for EN command centerior if subnoring by FEMA will Active EV in Coordination with FEMA, who could supropose personnel to the FEMA NACC or other facilities in support of	10/23/2017	\$3,000	SO S
243466 242075 433	4339DRPREPADIO1 243075 4339DRPREPAD300	£ £	HURRICANE MARIA HURRICANE MARIA	10/01/17	10/07/17 09/28/17	EP A	9 9	FEMA response operations for Hurrsane Maria in Puerto Rico. Fundise for Accommand centerloi if authorized by FEMA will EPA will conduct oil and hearddour materials field operations, including cleanup and disposal of heardbox materials and oil, and response to opheried containers. These necessary actions will miligate actual and potential threats to public health and safers. EA resoonse may also include household hazard waste	11/30/2017	\$10,000,000	DFA PFA

								EPA will conduct oil and hazardous materials field operations, including cleanup and disposal of hazardous materials and oil.			
245992	4339DRPREPA0301	g.	HURRICANE MARÍA	10/28/17	10/28/17	EPA	10	and response to orphaned containers. These necessary actions	11/30/2017	0\$	DFA
								with integer cutain and potential integers to public health and safety. EAA response may also include household hazard waste As directed by FEMA and in coordination with USACE, USEPA will deploy personnel to coordinate and execute all necessary.			
242609	242609 4339DRPREPA0400	Œ.	HURRICANE MARIA	10/02/17	10/02/17	ЕРА	10	assessments, evaluations, sampling and analysis services/support	12/31/2017	\$6,000,000	DFA
								and other necessary actions associated with ensuring the safety and custing of drinkine water (DVM) and wastewater (TVM) As directed by and in coordination with FEMA, the US Environmental Protection Agency (FEA) will provide permanent			
242708	24270B 4339DRPREPA0500	뚪	HURRICANE MARIA	10/03/17	10/03/17	EPA	N)	Federal agency personnel (to exclude temporary hires of the other DHS approjes) willing to dealloy for a field assignment to	12/31/2017	\$1,400,000	FOS
								subolement DHS/FEMA; disaster resoonse and recovery efforts Department of the interior requests support from ESF 10 to conduct drinking water sampling at sites, throughout Puerto Rico,			
246605	246605 4339DRPREPA0600	œ.	HURRICANE MARIA	11/06/17	11/06/17	EPA	01	that provide potable drinking water for resident employees. Due to the lack of power, typical contracted water testing options are	11/15/2017	\$15,000	FOS
								not available. Exclude temporary hires of the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FEMA's disaster			
241525	241525 4339DRPRFAA0100	æ	HURRICANE MARIA	09/25/17	09/25/17	FAA	'n	response and recovery efforts.	12/24/2017	\$700,000	FOS
243284	4339DRPRFAA0101	g.	HURRICANE MARIA	10/67/17	10/07/17	FAA	νī	To meet the DH5 recultement. FEVA is recuesting employees sectual temporary fines of the other DH5 agencies) willing to deploy for a field assignment to supplement DH5/FEWA's disaster response and recovery efforts.	12/31/2017	0\$	FOS
						,		To meet the DHS requirement, FEMA is requesting employees. The Rafael Hernandez Airport (8QM) is a joint toivinnilitary airport located in Aquedilla, PR. RQM has an air traffic control (ATC).	:	;	:
685747	C4Z389 4359URFNFAAUZUU	ž	HUHRICANE MARIA	09/29/1/	11/67/60	AAA	-	tower and the ALC services are provided by the FAA via a contract through the Federal Contract Tower Program. The normal operating hours of the tower are \$1007 - 61007. BOM was	11/2/201/	503,702	£
241478 4	241478 4339DRPRFCC0100	æ	HURRICANE MARIA	09/24/17	09/24/17	뀶	7	As directed by and in coordination with FEMA, Federal Communications Commission (FCC) will provide a partopriate personnel to the FEMAR S. (OF, FDA, FeMA, Teams, or other facilities in support of FEMA response operations.	10/30/2017	000'0S\$	FOS
245660	43390RPRFCC0101	æ	HURRICANE MARIA	10/28/17	10/28/17	Ď.	7	As directed by and in coordination with FEMA, Federal communications commission for July Invokés appropriate personnel to the FEMA R. J. OF, J. FEMA Teams, or other facilities in support of FEMA response operations.	11/30/2017	\$25,000	FOS
241482 4	241482 4339DAPRFCC0200	æ	HURRICANE MARIA	09/24/17	09/24/17	FCC	7	Project Roll Call supports the pre-deployment of equipment becourses and described by the support support supports the pre-deployment of equipment area impact analysis in the immediate afternation of an incident or event. Foreign (Call Ball Bollows FCC and FEMA Disaster of Foreign Commissions (PCT) to support the programment of the project of the pr	10/30/2017	\$50,000	FOS
241669 4	241669 4339DRPRFPS0100	85	HURRICANE MARIA	09/26/17	09/26/17	FP.	13	After direction of and in coordination with FEMA, Federal Protective Service (FS) will provide appropriate physical security to support response and recovery operations in the State of Puerro Rico, Security of FEMA facilities will be based on FEMA.	12/31/2017	\$3,000,000	FOS

FOS	F0S	FOS	F0 s	FOS	FOS	FOS	FOS	FOS	FOS	FOS
000'06\$	\$6,000,000	\$3,000	\$75,000	\$180,000	\$10,000	\$254,400	(\$254,400)	\$254,000	\$1,400,000	000'0E\$
12/31/2017	1/31/2018	10/23/2017	10/23/2017	11/23/2017	10/24/2017	11/30/2017	11/30/2017	11/30/2017	12/31/2017	11/6/2017
At the direction of and in coordination with FEMA, Federal Protective Service (FPS) will provide appropriate physical security to support response and recovery operations in the State of Diverse Directory of FEMA Activities, will be handled FEMA.	over once, excupt of private aloutes will be based on Enh. security Standards, solites, and nathers. FEMA, Federal Protective family including any open partial physical security to support response and recovery operations in the State of burnt of fice. Security of FEMA facilities will be based on FEMA security Catalogues.	Administration (5SA) will provide appropriate personnel to the FEMA NRCC or other facilities in support of FEMA response operations for Hurricane (Maria in Puerto Rico.	As directed by and in coordination with FEMA, General Services administration (SAS) will provide appropriate personnel to the FEMA NRC or other facilities in support of FEMA response operations for Hurricane Maria in Puerto Rico.	As directed by and in coordination with FEMA, General Services Administration (53A) will be due performe personnel to the FEMA NRCC or other facilities in support of FEMA response operations for Hurricane Maria in Puerto Rico.	Duties entail ability to speak and write in fluent Spanish, knowledge of web based platforms and social media applications.	IOF Space for Puerto Rico in Support of Hurricane Maria Funding for the acquisition that should include providing space, access, and various support swircles at the facility. A minimum of \$0,000 or go feet and at least 500 Parking Space, the least 1 (one) 30 The arreement includes, 30 day term with at least 1 (one) 30	Toff Space for Duetro Rico in Support of Hurricane Maria Indiring for the acquisition that should include providing space, access, and various support services at the facility. A minimum of \$0,000 of feet and at least 500 Parking Spaces.	The gates from think does about on what we want from a birding face for Peerco Rich of Aupport of Furtheriane Main Funding for the acquisition that should include providing space, access, and various support services at the facility. A minimum of 50,000 or feet and at least 500 Parking Spaces. The aereement includes a Sod but term while it seast 1 (one) 30 As directed by and in coordination with FRM, the General	Services Administration (GSA) will provide permanent Federal agrency personnel (to exclude temporary hints of the other DNS agencies) willing to deploy for a field assignment to supplement DNS/FEMAS, disaste resonnes and recogny efforts, in burero.	as one-cue y and in control (5.4) will produce External Affairs subject matter expert(s) to the Puerto Rico Joint Information Center in support of response operations. The subject matter expert(s) will record will be subject matter expert(s) will remort directly to ESF-15 and will seeak outlicity on behalf of GSA.
13	13	7	۲	~	21.	,	7	^	×۸	15
FPS	FPS	GSA	GSA	GSA	GSA	GSA	GSA	GSA	GSA	GSA
10/07/17	10/21/17	09/23/17	09/25/17	10/15/17	09/24/17	71/82/50	10/15/17	10/27/17	10/02/17	71/10/01
10/01/17	10/21/17	09/23/17	09/25/17	10/15/17	09/24/17	71/82/60	10/15/17	10/27/17	10/02/17	10/07/17
HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA
æ	Ä	A.	æ	æ	æ	Æ	æ	Æ	A A	A A
4339 DRPRFP50101	4339DRPRFP50102	241333 4339DRPRG5AD100	4339DRPRGSA0101	4339DRPRGSA0102	241453 4339DRPHGSAD200	2422S2 4339DRPRGSAU300	4339DRPRGSA0301	4339DRPRGSA0302	242590 4339DRPHG5A0400	243379 4339DRPRGSA0500
243505	245051	241333	241619	244490	241453	242252	244489	245497	242590	243379

							All below include HHS personnel and assets. For Puerto Rico: \$10.05 million -			
241100 4339DRPRHHS0100	æ	HURRICANE MARIA	09/22/17	09/23/17	SHH	30	- 4 each DMATs: \$6.0 million	10/14/2017	\$10,005,000	DFA
4339DRPRHH50101	æ	HURRICANE MARIA	09/29/17	71/62/60	ннS	œ	All below include HHS personnel and assets. For Puerto Rico: \$10.05 million	10/14/2017	\$13,700,000	DFA
							 - 4 each DMATs: \$6.0 million All below include HHS personnel and assets. For Puerto Rico: 			
4339DRPRHHS0102	æ	HURRICANE MARIA	10/17/17	10/17/17	HHS	80	\$10.05 million - - 4 each DMATs: \$6.0 million	11/3/2017	\$15,400,000	DFA
4339DRPRHHS0103	æ	HURRICANÉ MARIA	10/22/17	10/21/17	HHS	α	All below include HHS personnel and assets. For Puerto Rico: \$10.05 million -	7102/05/11	\$15,400,000	DFA
241512 4339DRPRHH5G300	ď.	HURRICANE MARIA	09/25/17	09/25/17	ннѕ	νn	As directed by and in coordination with FENA, US Department of teach & Human Services (HHS) will provide permanent federal agency enzoned (to exclude temporary himser of the other DHS agencials willing to deploy from federal sessignment of the other DHS POFFERAN SERVICES and Resistence of the other DHS As determined by about the coordination and the operation.	12/24/2017	\$2,100,000	FOS
4339DRPRHH50301	<u>«</u>	HURRICANE MARIA	10/07/17	10/07/17	HHS	ιΛ	in the state of an or cool unitarity what the state of th	12/11/2017	0\$	FOS
241587 4339DRPRHH504DO	<u>«</u>	HURRICANE MARIA	09/25/17	09/25/17	HHS	RSF	In Feb. 25 and painter will wark with the Erkockappointers Federal Disaster Recovery Coordinator (DRG) for 438-DB-RB, applicable Peritorial Leadis, and other federal sarriers in the collaboration of integrated planning that address the lattice (Federal Research Peritorial Pe	10/26/2017	\$25,000	Fos
4339DRPRHHS0401	ď	HURRICANE MARIA	10/28/17	10/28/17	HHS	RSF	rections on pariety are some controlled to the collaboration of integrated planning that addresses health collaboration of integrated planning that addresses health	11/25/2017	\$25,000	FOS
241536 4339DRPRHHSOSOD	æ	HURRICANE MARIA	09/25/17	09/25/17	SH.	80	unciding audic feath. health solvens, behavioral feeth, and Provide definitive zer at NDMS hospitals for patients from Hurrane MARIA moved from affected areas by the National Disaster Medical System (INDMS). Care is to be provided by NDMS hospitals for patients regulated through activated Federal	10/28/2017	\$7,100,000	S
241863 4339DRPRHHS060D	Æ	HURRICANE MARIA	71/11/20	71/12/60	HHS	œ	Coordinative centers, so condination with FEMA. Health & Human As directed by and in coordination with FEMA. Health & Borness (Hand) will delipely disaster Montanal by Operational Responser Farm (DAMORT) medical response teams, personnel, and educative transprant to sugment 62st and local medical response resources. ADMAS fram conshibitive include the following	10/5/2017	\$1,000,000	DFA
4339DRPRHHS0601	R.	HURRICANE MARIA	10/15/17	10/15/17	H S	pq	As directed by and in coordination with FEMA, Health & Human Services (HHS) will deploy Disaster Mortrany Operational Response Team (DMORT) medical response teams, personnel, and equipment to augment State and local medical response	11/3/2017	oş.	DFA

Fos	FOS	DFA	DFA	DFA	fos	DFA	FOS	FOS	FOS	FOS
\$40,000	\$40,000	\$1,000,000	\$4,000,000	(32,000,000)	\$2,000,000	\$150,000	\$2,000,000	\$700,000	\$1,400,000	\$20,000
10/31/2017	10/31/2017	11/2/2017	12/2/2017	12/2/2017	4/30/2018	11/12/2017	12/31/2017	12/24/2017	12/31/2017	11/7/2017
As directed by and in coordination with FEMA, US Department of Health and Human (HHS) Services will provide External Affairs subject matter resperts (Norly on the "NAGE, RRCC"), FEMA Incident Management Assistance Team (IMATS), or other with a striking of sileles in support of stagues, and activities and incondination with the Norland Constitution and in coordination with the Norland Constitution and in the Norland Constitution and the Norland Constitution and the Norland Constitution and the Norland Constitution and	Health and Human (HHS) Services will provide External Affairs subject matter experts (SMEs) to the ("*NBCC, RRCC"*), FEMA inclident Management Assistance Teams (IMATs), or other entities or facilities in succopt of response operations. Subject	At the direction of FRMA, HHS will activate the Emergency Prescription Assistance Program (FRAP). FRAP will ensure access to covered prescription of urgs, DME for eligible individuals who present at a pharmacy with a valid prescription at no cost to the individual. File individuals, File File individuals, File indivi	Prescription Assistance Program (EPA): EPAP will ensure access to covered prescription drugs, DME for eligible individuals who present as pharmacy with a valid prescription at no cost to the individual. Eligible individual, eligible individual eligible.	Prescription Assistance Program (ERA). ERAP will ensure access to covered prescription drugs, DME for eligible individuals who present as a pharmacy with a vail opercription as no acst to the individual, Eligible individuals are accessfully in the project of the in accordance with the NDR, post declaration activation of the	Health and Social Services RST to provide federal coordination with the appropriate Recovery Support function (RST) primary and support agencies and organizations, as well as other Federal PROPHIS requesting a CDC ream to provide technical assistance	to botter the capacity of PR's vector control programs, this will include; assessing damage to equipment/facilities; reviewing and addressing immediate meeds; and coordinating flants to address in flux vector flastes. In accordance with the UDRF, post declaration activation of the	testih and Scolis Services 3R to provide feetical coordination with the appropriate Recovery Support Function (RSF) primary and support agencies and organizations, as well as other federal amenties. Support agencies and organizations, as well as other federal serpines. Spite and olives earlor oranges, as differed to V & Griecket by and in coordination with FkMs, the beamment of	Involvable Saverity (DRS)/US immigration is clusterina Enforcement (ICE) will provide permanent Federal agency personnel (to exclude temporary hires of the other DHS agencies) willier to dealow for a field assemment in superiement. As directed by and incondination with FeWA, the Maional	Accordation and Space Administration (NASA) will provide permanent Federia agency personnel (to exclude temporary hires of the other DHS agencies) willing to deploy for a field assignment to supolement DHS/FEMAS classer response and recover No directed by and in coordination with FEMA, the National Space	and Aeronaulis Administration (NASA) will be and Aeronaulist traiter experts to the Penerro Rico Joint Information Center in support of response operations. This subject matter expert will report directly to ESF-15 and will suesk oublick on behalf of
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H	H S	HHS	ннѕ	H N	H N	HHS	HH N	ICE	NASA	NASA
09/30/17	71/07/11	10/03/17	10/25/17	11/08/17	10/03/17	10/13/17	10/16/17	09/25/17	10/04/17	10/08/17
09/30/17	10/07/17	10/03/17	10/25/17	11/08/17	10/03/17	10/13/17	10/36/17	09/25/17	10/04/17	10/08/17
HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA
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242298 4339DRPRHYSO700	4339DRPRHHS0701	242745 4339DRFRHH50800	25 4339DRPRHH50801	75 4339DRPRHH50802	242746 4339DRPRHH50900	244181 4339DRPRHH51000	244545 4339DRPRHH51100	241473 4339DRPRICE0100	242857 4339DRPRNASAD100	243566 4339DRPRNASA0200
24229	243463	24274	245405	246875	24274	24418	24454	24147	24285	24356

8. Communications Center (CS&C) will provide appropriate HUBRICANE MARIA 09/24/17 05/24/17 NCS 2 personnel to perform functions of ESF-2 in the IOF, I/O, and other locations as directed by FEMA R2 to support FEMA
resonate operations of the control o
Planning coordination by the Danning coordination by the Danning contractor subject matter expert HO. The funding will support contractor subject matter expert As directed by and in scondination with FEMA the National Geografial-intelligence Agency (NGA) will provide any/all of the Geografial-intelligence Agency (NGA) will provide any/all of the following:
HURRICANE MARIA 10/55/17 10/05/17 NGA 5 following: 5 following.
222222223 Geoscoatial Analysts grounding GEOINT support to the Astificreted by and in condination with FENA, the Department of Astificreted by and in condination with FENA, the Department of Homeland Security (INFS) Walton all Protection & Programs Homeland Security (INFS) Walton all provide permanent federal agency personnel (to exclude temporary hires of the other DNS agencies)
Willing to deploy for a fleed by and in socionation with EMA, Disk/NPPD/IP will provide appropriate previous at Laboral Michael Marking and other HURRICANE MARIA. 09/26/17 NPPD non-specific EST National Indicate Management teams (N-MARI), and other consist with the
Tunels conditation and diseasation of instructure Protection Request Damion Higher and Greg Carrevale from Dis National HURRICANE MARIA 09/29/17 09/29/17 NPPO non-specific ESP Protection and Programs Directorate (NPPD) be mission assigned Protection and Programs Directorate (NPPD) be mission assigned Warhington, OC, and Deers Rico. Warhington, OC, and Deers Rico.
As directed and in coordination with FEMA, DHS National Protection and Programs of programs (PIPD) is requested to 15 provide subject Matter Expert(5/SME) to the Puerro Nicolan Information Office in support of ES-1.5 response operations. The
Sublect matter executed solving sector states are contacted and the execution of the execution assist with communications in Puerto Ricci. HURRICANE MARIA 10/13/17 NPPD 2 Operator SINIP SAMES and other Amateur Redol ilenses; strong children in territory contactions within a statement of the communications and accommendations.
Assistant in Operators, to Coperators and Street State of
agencies) willing to deploy for a field assignment to supplement DMS/TEMA (all sister reasons and resource reflors in Puetro As directed by and in coordination with EMA, the National Science Foundation, (NSF) will provide permanent Federal agency National 20/03/17 NSF 5 presonnel (in secular temporary hirse at the other DMS agency willing the deploy for a field assignment to supplement

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\$1,400,000	900 000		\$1,400,000	\$1,400,000	\$1,400,000	\$700,000	0\$	\$1,400,000	\$5,950,000	\$5,000
12/31/2017	7107007111		12/31/2017	12/31/2017	11/30/2017	12/24/2017	12/31/2017	12/31/2017	3/30/2018	10/28/2017
As directed by and in coordination with FEMA, the US Office of Personnel Management (OPM) will provide permanent Federal agency personnel (to exclude temporary hires of the other DHS	agencies) willing to deploy for a field assignment to supplement PERFERMAS ideaster reacones and recover videous. As directed by and in coordination with FEWA, Occupational STATE & Leath And And Manitatration (OSHA) will provide appropriate stefan and haalth vicerialistate according and in month of EMA and	the NRF Worker's Stefty and Health Support Annex and Insuport Telephanes and Telephanes and Telephanes and Insuport An disected by and in coordination with FEMA, the US Small Business Administration (59A) will provide permanent Federal	agence personnel (to exclude temporary three or the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FEMA's disaster resonnes and response vefforts in Dentro BCFFEMA's disaster resonnes and response Vefforts in Dentro Exchange Commission (EEC) will provide permanent Federal	agency personnel (to exclude temporary hires of the other OHS generals willing to desloy the "feld assignment to supplement OHS, FEMAX tid states resoons and recover efforts. As directed by and in coordination with FEMAX, the US social security Administration (SAA) will provide permanent testeral security.	agency personnel (It exclude temporary hires of the other DHS agency personnel (It exclude temporary hires of the other) ONS/EMMA tell disaster resource and recogney efforts. And directed by what in conditions with EMMA tell disaster than the Author of t	ecidude temporary hires of the other DHS agencies) willing to deploy for a fled sasgioment to supplement DHS/FBMA slisaster ressones and recovery efforts. As directed by and in coordination with FBMA, US Operarment of Teasury will provide permanent Federal agency personnel to	exclude temporary lires of the other DHS agencies) willing to deploy for all led ssignment to supplement DNS/FEMA's disaster response and recovery efforts. As directed by and in coordination with FEMA, bepartment of Homeland Security (DNS)/IT association Security Administration.	(TSA) will provide permanent Federal agency personnel (to esculuse temporary hins of the orien Drie agency benche Milliagtor debolvy for a field assertment to supplement DisFEFMA, disastra Ast directed by a And moordination with FEMA. Temesses we Jalley Authority TXA) will provide qualified personnel to sai utum. Pa	to DR-4339-R for a period of six (6) months. Mission Assignment Task Orders (MATO) imp be sused for specific personnel. The ceutiements. Locations, address and duration of assignments. The Add circted they what in coordination with Fisher U.S.A.F. (1944) Auxiliary, Civil Air Petrol (CAP) will provide damage.	assessments and/or altuational awareness in support of FEMA response operations. As directed by and in coordination with FEMA, US Air Force (LOSF) Auxiliary, Cull Air Petrol (CAP) will provide damage assessments and/or situational awareness in support of FEMA
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10/02/17	71/22/01		10/02/17	10/02/17	10/04/17	09/25/17	10/07/17	10/03/17	10/03/17	71/22/60
10/02/17	10/22/17		10/02/17	10/02/17	10/04/17	09/25/17	71/07/01	10/03/17	10/03/17	09/22/17
HURRICANE MARIA	HURRICANE MARIA		HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA HURRICANE MARIA
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242	245	;	74.	242	247	241	243	242	242	241:

4339DRPRUSAF0102	Æ	HURRICANE MARIA	09/26/17	09/26/17	USAF	v	As directed by and in coordination with FEMA, US Air Force (USAF) Auxiliar, Coul Air Patrol (LAP) will provide change assessments and/or situational awareness in support of FEMA response operations.	10/31/2017	\$45,000	50S
241094 4339DRPRUSAF0200	æ	HURRICANE MARIA	71/22/12	09/22/17	USAF	۲	Provide aircraft/vehicles and personnel to accomplish are areal/ground inaging and transportation of historian-light carpo. Inmediately post incident provide damage assessment and other assigned tasks at directed by FEAN Request till information to accorded tasks and former assigned tasks at direct the FEAN Request till information to accorded task and former assigned and the second and former assigned the second and former assigned to the second	10/17/2017	\$15,600	FOS
4339DRPRUSAF0201	Æ	HURRICANE MARIA	10/02/17	10/02/17	USAF	~	Provide aircraff vehicles and sersonnel to accomplish teamins or provide aircraff vehicles and sersonnel to accomplish team are ango. Immediately post incident provide damage assessment and other assigned basks as furted by FEMA, Sequest still electorizative be serconded and uson landing unload identifies to electorizative be serconded and uson landing unload identifies to	10/31/2017	\$50,000	FOS
4339DRPRUSAF0202	#	HURRICANE MARIA	10/07/17	10/07/17	USAF	,	Provide aircraft/vehicles and personnel to accomplish perial/ground imaging and transportation of personnel/light cargo. Immediately post Innicient provide dramage assessment and other assigned tasks ast clinected by FEMA. Request clil it photororatively be execocled and unon landing unload distribilish till it.	10/31/2017	\$	FOS
4339DRPRUSAF0203	æ	HURRICANE MARIA	10/15/17	10/16/17	USAF	٢	Provide aircraft/venitets and personnel to accomplish areal/ground imaging and transportation of personnel/light cargo. immediately post Incident provide damage assessment and other assigned tasks as directed by FEMA. Request still behoverashly be escoched and two mandring tool additing filest to Addirected by and in coordination with FEMA. LS Coast Guard.	11/10/2017	\$35,000	FOS
241091 4339DRPRUSCG0100	æ	HURRICANE MARIA	71/17/0	71/22/17	USCG	51	(USCG) will provide Search and Rescue capability when outside their stautory authority and juridiction, as defined by the United States National Search and Rescue Supplement (NSS), to Puerpo Rico, USCY in sucopy of reso	10/5/2017	\$2,500,000	Sō.
4339DRPRUSCG0101	Æ.	HURRICANE MARIA	10/04/17	10/04/17	USCG	ø	As directed by that in coordination with FLW, US Coast Coard (USCG) will provide Saach and Rescue apability when outside their statutory authority and jurisdiction, as defined by the United States Wathon's Assert and Rescue Supperment (NSS), to Pearth Ricco USVII in support of restonice operations, USCG will	10/31/2017	8	FOS
241125 4339DRPRUSCG0200	æ	HURRICANE MARIA	09/22/17	09/22/17	SOSO	7	As directed by and in coordination with FEMA, US Coast Guard (USCG) will provide transportation of personnel and/or cargo, using fixed wing assets, in support of response operations.	10/4/2017	\$2,500,000	FOS
241283 4339DRPRUSCG0201	K	HURRICANE MARIA	09/23/17	09/23/17	nsce	,	All purchases and groenditures must be coordinated with FRMA. As directed by and in coordination with FRMA (SO Goast Goard (USCG) will provide transportation of parsonnel and/or cargo, using fixed wing assets, in support of response operations.	10/4/2017	8	FOS
4339DRPRUSCG0202	æ	HURRICANE MARIA	10/06/17	10/06/17	nsce	,	All purchases and expenditures, must be coordinated with FBMA. As directed by and in coordination with FBM, US Cosst (bard USCS) will provide transportation of personnel and/or cargo, using heed wing assets, in support of response operations.	10/31/2017	\$	FÖS
241678 4339DRPRUSCGG300	ď	HURRICANE MARIA	09/25/17	09/25/17	USCG	~	All purchases and expenditures must be coordinated with FEMA. Addressed by and in coordinaton with FEMA (USCG) will provide appropriate personnel in Pentro Rico to FEMA IMAT or other entities or holities in support of FEMA	10/31/2017	\$150,000	FOS

244300	4335DRPRUSCG0301	R.	HURRICANE MARIA	10/14/17	10/14/17	USCG	7	As timetes by and in coordination with FIMA, US Coast Guard (USCG) will provide appropriate personnel in Puerto Rico to FEMA IMAT or other entities or facilities in support of FEMA response operations.	12/31/2017	\$1,000,000	FOS
241794	241794 4339DRPRUSCGD400	PR	HURRICANE MARIA	09/26/17	71/32/50	USCG	^	As directed by and in coordination with FEMA, the US Coast Coard (USCS) will provide transportation of personnel and/or cargo to Puetro Rico, using maritime assets, in support of response operations.	10/27/2017	\$1,000,000	Pos
242104	242104 4339DRPRUSCG0500	8	HURRICANE MARIA	09/23/17	09/28/17	USCG	10	As directed by and in coordination with FBMA, the U.S. Coast Guard (USCG) will provide oil and hazardous material field response in support of response operations. Field response actitides may include but not limited to the following; placement of vigesels removed of colligants to one operations.	10/30/2017	\$20,000,000	DFA
245285	4339DRPRUSCG0501	£	HURRICANE MARIA	10/21/17	10/21/17	USCG	10	As useried by an in touchmaton win relow, tet U.S. Coast. Gard (USCS) will provide all and hazardous material field response in support of response operations. Field response activities may include but not limited to the following, placement	3/31/2018	8	DFA
242257	2422 <i>57</i> 4339DRPRUSCG0600	Æ	HURRICANE MARIA	09/30/17	71/30/17	USCG	15	A diseased by and in coordinates with FEMA USCOAR Gladed (USCS) will produce External Affairs subject maker expert (SMES) for the ("YMCC, SKCT"). FEMA indeet Management Assistance are all a many part of the area (UMC) or other entire or failtiest in support of response operations, subject matter excerts will report directly response operations, subject matter excerts will report directly	10/31/2017	\$40,000	FOS
242644	242644 4339DRPRUSCG0700	æ	HURRICANE MARIA	10/03/17	10/03/17	USCG	N)	As directed by and in coordination with FBMA, the U.S. Coast Guard (USCG) will provide permanent Federal agency personnel (to exclude temporary hires of the other DKS agencies) willing to exclude temporary hires of the other DKS agencies) willing to exclude temporary hires of the other DKS agencies) willing to repet poly for a filled assignment of supplement DHS/FBMA's disaster excrease and recovered effects in Disary of the DRS and assignment of the DRS assignment of the DRS and assignment of the DRS a	12/31/2017	\$1,400,000	FOS
242873	242873 4339DRPRUSCG0800	æ	HURRICANE MARIA	10/04/17	10/04/17	0.500	,	As directed by and in coordination with FEMA, the US Coast cload (USC) and (USC) and provide transportation of personnel and/or cargo to Pleatro Rico, using rotary wing assets, in support of response operations.	11/3/2017	\$1,000,000	FOS
246835	4339DRPRUSCG0801	Æ	HURRICANE MARIA	11/08/17	11/08/17	usce	7	As directed by and in coordination with FEMA, the US Coast chard (USC) will provide transportation of personnel and/or cargo to Petro Rico, using crotary wing assett, in support of response operations.	11/11/2017	95	FOS
242997	242997 4339DRPRUSCG0900	Æ	HURRICANE MARIA	10/05/17	10/05/17	nsce	51	As directed by and in coordination with FEMA, US Coast Guard (UCSG) will provide Coast Guard Integral subsect matter experts (SME) to the Puerro Rico Joint Information Office in support of response operations. Subject matter experts will report directly to FS-15 and will scoast outside on behalf of the USCs directly	10/25/2017	\$300,000	FOS
245542	4339DRPRUSCEDP01	Æ	HURRICANE MARIA	71/72/01	71/72/01	USCG	15	and adjusted by and in coordination with FRM, 15 Coast Caurif (USCS) will provide Coast Caurif (USCS) will provide Coast Caurif Caurif subject matter experts experts (SME) to the Puerto Rico Joint Information Office in support of response operations. Subject matter experts will report florestly to ES-15 and will speak outside to expert with the USCS and, to ES-15 and will speak outside to negative outside outside to the USCS and	10/31/2017	Q\$	FOS
245327	245327 4339DRFRUSCG1000	R.	HURRICANE MARIA	10/23/17	10/23/17	USCG	ī	As unected by, and in coolination with Trans, the DSC will provide planners for staff support to EST-5 (FEMA) geographic operations at four geographic branch offices (locations TBD) around the Commonwealth of Duetro Rico in response to 4339-	11/22/2017	000'008\$	F05

242645 4339DRPRUSCISO100	RUSCISO100	¥.	HURRICANE MARIA	10/03/17	10/03/17	USCIS	Ŋ	As directed by and in coordination with FEMA, Department of Homeland Security (DHS)/ U.S. Citizenship and Immigration Services (USCIS) will provide permanent Federal agency	12/31/2017	\$1,400,000	FOS
243590 4339DAPRUSCISO200	RUSCISO200	ä	HURRICANE MARIA	10/08/17	10/08/17	Š	Ā	personnel (to exclude temporary hires of the other DHS agencies) willing to declor for a field sastement to suppliement and directed by and in coordination with FMMs, U.S. Gittenship and Immigration Fevrices (USC) (will provide appropriate subject matter awaret to the former Broth with a financial content.	9100/2/11	6300 000	Š
	·						3	support of response operations. The subject matter experts will support of response operations. The subject matter experts will response of the subject matter of the subject of directed by and in coordination with EfMA, U.S. Citienship and immigration Services (USCIS) will provide appropriate subject.	0107/1/1	no contro	ĝ
245023	4339DRPRUSCIS0201	Œ.	HURRICANE MARIA	10/21/17	10/21/17	nscis	15	matter experts to the Puetra Rico Joint information Center in august of response operations. The subject matter experts will report directly to ESF-L3 and will sreak bublish on behalf of Agriculture (USDA) will provide appropriate personnels to the OC Agriculture (USDA) will provide appropriate personnels to the OC	12/30/2017	\$200,000	FOS
240989 4339DRPRUSDA0100	RUSDA0100	Œ.	HURRICANE MARIA	09/22/17	09/22/17	uspA	11	Caribbean and other facilities in support of FEMA response operation. FEMA is specifically requesting a posinit speaking USDA Rural Develorment SMC. This nesconnal NULST with a firm Additional to recognize or with FEMA. USDA with a firm appropriate the chincil expertise in the field of household personnal procedures to chincil expertise in the field of household personnal.	10/21/2017	\$31,000	FOS
241128 4339DRPRUSDA0200	RUSDAG2GG	<u>«</u>	HURRICANE MARIA	09/22/17	09/22/17	USDA	Ħ	services animals. Responsibilities include, but are not limited to, as assessment of needs and resurce gaps, prioritization and support of the coordination of incoming material resources (e.g., addirected by and in coordination with FEWA, USDA will provide anotomise technical rewardres in the find or household mercanites in the find or household mercanite in the find or household mercanite.	10/17/2017	\$30,000	F0S
241296	4339DRPRUSDA0201	Æ	HURRICANE MARIA	09/23/17	09/23/17	uspa	=	services animals. Responsibilities include, but are not timited to, assessment between the motivation of an assessment of the condination of incoming material resources less, and directed by and in coordination with FEMA, USAs will provide appropriate sechnical expertises in the field of household gets and	10/72/71	os	fos
243861	4339DRPRU5DA0202	R.	HURRICANE MARIA	10/11/17	10/11/17	USDA	п	services animals. Responsibilities include, but are not limited to, an assessment of needs and resurce gaps, prioritization and support of the coordinate on of horomine material resources let. Additionally and in coordination with FEMN, US Dept of Additional to US Dept of Additionary Coordinate personnel to the	12/15/2017	\$15,000	FOS
241340 4339DRPRUSDA0300	RUSDAO300	ğ	HURRICANE MARIA	09/23/17	09/23/17	USDA	#	NRCC, FEMA teams, or other facilities in support of FEMA response operations. As directed by and in coordination with FEMA. US Dent of	10/22/2017	\$3,000	FOS
241931	4339DRPRUSDA0301	æ	HURRICANE MARIA	71/17/10	71/17/17	USDA	11	Agriculture (USDA) will provide appropriate personnel to the NACC, FENA teams, or other facilities in support of FEMA response operations.	10/22/2017	\$20,000	FOS
242820	4339DRPRUSDA0302	æ	HURRICANE MARIA	10/03/17	10/03/17	USDA	11	an enecace up and in coordination with refux. Us upgr or Agriculture (USA) will provide appropriate personnel to the NRCC, FEMA teams, or other facilities in support of FEMA response operations.	10/31/2017	\$17,000	FOS
243985	4339DRPRUSDA0303	A.	HURRICANE MARIA	10/13/17	10/13/17	USDA	11	As directed by and in coordination with FEMA, US Dept of Agriculture (USDA) will provide appropriate personnel to the NRCC, FEMA teams, or other facilities in support of FEMA	10/31/2017	\$10,000	FOS

241724	241724 4339DRPRUSDA0400	ă,	HURRICANE MARIA	09/25/17	09/25/17	USDA	21	As directed by and in coordination with FEMA, USDA will provide appropriate personnel in support of ESF-#15 and FEMA response operations.	7102/72/201	\$25,000	FOS
242292	242292 4339DRPRUSDAG500	똕	HURRICANE MARIA	10/62/17	10/02/17	USDA	15	Initial reouest is for three Media Relations specialists, who must as deficiented by and in coordination with FEMA, US Department of Agriculture will provide External Affairs subject matter experts (SMEs) to the (NMCC, RMCC), FEMA incident Management Assistance Teams (IMATs), or other entities or facilities in support	10/31/2017	\$40,000	FOS
246058	4339DRPRUSDAGS01	E.	HURRICANE MARIA	10/30/17	10/30/17	USDA	21	A frestors to restoration's Subject matter executes will resort Ad friested by and in coordination with FRMA, US Department of Agriculture will provide External Affairs subject matter experts (SMS) to the (NMCT, RRCD, FRMA incident Management (SMS) to the (NMCT, RRCD, FRMA incident Management of response operations, Subject matter excerts will resort of response operations. Subject matter excerts will resort	11/30/2017	8.	FOS
242637	242637 4339ORPRUSDAGGCO	æ	HURRICANE MARIA	10/03/17	10/03/17	USDA	'n	definities du part di noconfinition with FRM, the US Department of Agriculture (USDA) will provide permanent Federal Agency personnel (to exclude temporary hires of the ther DHS Agency personnel (to exclude temporary hires of the stronger and the USDA of the	12/31/2017	\$1,400,000	FOS
244336	244336 4339DRPRUSDA0800	æ	HURRICANE MARIA	10/14/17	10/14/17	USDA	п	As directed by and in coordination with FRMA, US Dept of Agriculture (USDA) will provide appropriate personnel to the Puerro Rico LOF or other healites to perform the functions of ESF #11 in support of FEMA response operations, in addition, staff	11/30/2017	000'05\$	F05
245690	4339DRPRUSDA0801	æ	HURRICANE MARIA	10/27/17	10/27/17	USDA	11	was en caused by and inconstruction with Fibia, US opera- ficient by and inconstruction with Fibia, US opera- gericulture (USA) will provide appropriate personnel to the Puerto Rico OFe or other facilities to perform the functions of ES #11 in support of FEMA response operations, in addition, staff	11/30/2017	\$50,000	Fos
246224	246224 4339DRPRUSDAG900	E.	HURRICANE MARIA	11/04/17	11/04/17	usbA	я	was be included from but not limited to the following assercies: As requested by the Commonwealth of burnto filto, and at the direction and coordination of FBMA, US Dept. of Agriculture (USDA) will provide appropriate personnel to support the Livestock, Animal and Agriculture Assessment as needed, but not illimited to, reyoiding technical assignance and conduction.	12/1/2017	\$485,500	DFA
246329	246329 4339DRPRUSDA1000	æ	HURRICANE MARIA	11/04/17	11/04/17	USDA	11	requested by the Commonwalth of Puedro Kool Department of Health (PRDD) if and in coordination with FRMA US Department of Agriculture (USDA) will provide assistance in exercing protoportions and replace accine to wardnate evering protoportions and replace accine to wardnate creating protoportions and replace accine to wardnate accined to wardnate accined to wardnate accined to the University of the Univer	11/30/2017	\$345,000	DFA
241141	241141 4339DRPRUSDJ0100	8	HURRICANE MARIA	09/22/17	71/22/60	usbi	13	As requested by and in coordination with FRAA USDI ISS13. National Coordination General mill provide additional 200 Federal law windoccement officers (FLEDs), Quick Response Teams (QRT) or other security teams or resources as required to provide force.	10/30/2017	\$2,412,000	F0S
241851	4339DRPRUSDJ0101	8	HURRICANE MARIA	09/28/17	09/28/17	rasn	13	occursion, several are are interested by the several s	10/30/2017	\$2,412,000	FOS
244185	4339DRPRUSDJO102	ď.	HURRICANE MARIA	10/13/17	71/61/01	usp	13	Acretion, seption and an entire field in the Acreticated by and in coordination with Falsk, USD [EF 13 Manual Coordination with Falsk, USD [EF 13 Manual Coordination Center will provide additional 200 Federal law enforcement officers (FLED), Quick Response Teams (QRT) or other security teams or resources as required to provide farce	11/30/2017	\$3,600,000	FOS

								As requested by and in coordination with FEMA, USDI ESF 13			
244855	4339DRPRUSDJ0103	æ	HURRICANE MARIA	10/19/17	10/19/17	nspi	13	National Coordination Center will provide additional 200 Federal law enforcement officers (FLEOs), Quick Response Teams (QRTs)	11/30/2017	\$400,000	FOS
								or other security teams or resources as required to provide force orotection, security, general law enforcement to Federal			
		;					:	As previously coordinated with the NRCC Deputy Chief and approved by the Movement Control Center, ESF #13 will charter	:		
241147	241142 43350KFKUSDJ0200	or or	HURRICANE MARIA	09/22/17	09/22/17	nsD _j	£1	three flights to transport five law enforcement QRTs to San Juan Puerto Rico. Teams provide force protection to ESF#8 and ESF #9	9/26/2017	\$300,000	Pos
								and other federal resoonders. This request includes charter let As previously coordinated with the NRCC Deptity Chief and			
242099	4339DRPRUSDJ0201	PR	HURRICANE MARIA	09/28/17	09/28/17	USDJ	13	approved by the Movement Control Lenter, ESP #13 will charled three flights to transport five law enforcement QRTs to Sab Juan	10/15/2017	\$450,000	FOS
								Puerto Rico. Teams provide force protection to ESF#8 and ESF#9 and other federal resoonders. This request includes charter let			
								As previously coordinated with the NRCC Deputy Chief and approved by the Movement Control Center, ESF #13 will charter			
242462	43390RPRUSDJ0202	æ	HURRICANE MARIA	09/30/17	09/30/17	rgsn	13	three flights to transport five law enforcement QRTs to San Juan Puerto Rico. Teams provide force protection to ESF#8 and ESF#9	11/13/2017	\$250,000	FOS
								and other federal responders. This request includes charter iet As previously coordinated with the NRCC Deputy Chief and			
242891	4339DRPRUSDJ0203	g.	HURRICANE MARIA	10/04/17	10/04/17	rasn	13	approved by the provenient Control Center, 537 #13 will charter three flights to transport five law enforcement QRTs to San Juan	11/13/2017	\$65,000	POS
								Puerto Rico. Teams provide force protection to ESF#8 and ESF #9			
								and other federal responders. This request includes charter let As previously coordinated with the NRCC Deputy Chief and			
2000	***************************************	ć		20,000	10,000	i	;	approved by the Movement Control Center, ESF #13 will charter			
676647	4359DRFR05D0204	ř.	HURNICANE MARIA	10/01/11	10/07/17	nsn	5	three Hights to transport tive law enforcement QKLs to ban Juan Plusto Rico Teams provide force protection to FSE#8 and FSE#9	11/13/201/	9120,000	ŝ
								ruetro into: realist provide force procession to care and care and other federal resoonders. This request includes charter let As previously coordinated with the NRCC Deputy Chief and announced by the Management Coared Coaper (CC 813 will be before			
244827	4339DRPRUSDI0205	P.	HURRICANE MARIA	10/19/17	10/19/17	rasn	13	approved by the provenient Control Center, for #15 will character three flights to transport five law enforcement QRTs to San Juan	11/13/2017	\$300,000	FOS
								Puerto Rico. Teams provide force protection to ESF#8 and ESF#9 and other federal responders. This request includes charter let As directed by and in coordination with FEMA, DOJ will provide			
241334 4	241334 4339DRPRUSDJ0300	F.	HURRICANE MARIA	09/23/17	09/23/17	rasn	13	appropriate personner to the times, I siva tearins, or outer facilities in support of FEMA response operations.	10/22/2017	\$3,000	FOS
								Funding for DOJ Efforts, if authorized by FEMA, will be crovided As directed by and in coordination with FEMA, DOJ will provide appropriate parameters the NDFC FEMA to an expense.			
245475	4339DRPRUSQJ0301	æ	HURRICANE MARIA	10/25/17	10/25/17	rasn	13	appropriate personner to the through reality, or other facilities in support of FEMA response operations.	12/31/2017	\$100,000	FOS
								Funding for DOJ Efforts, if authorized by FEMA, will be orovided As directed by and in coordination with FEMA, US Department of Justice (DOJ) will provide permanent Federal agency personnel			
241563 .	241563 4339DRPRUSDJ0500	æ	HURRICANE MARIA	09/29/17	09/29/17	fQSN	ξ0	(to exclude temporary hires of the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FEMA's disaster	12/24/2017	\$700,000	FOS
								response and recovery efforts. As directed by and in coordination with FEMA, US Department of			
242485	4339DRPRUSDJ0501	æ	HURRICANE MARIA	71/08/60	09/30/17	rasn	ы	Justice (Job.) will provide permanent redatal agency personnel (Le exclude temporary hirse of the other DHS agencies) willing to depicy for a field assignment to supplement DHS/FEMA's disaster	12/31/2017	\$700,000	FOS

242020 4339DRPRUSDJO700	PA	HURRICANE MARIA	09/28/17	09/28/17	uso	13	As requested by and in coordination with FEMA, USDJ ESF #13 National Coordination Center will provide an additional 200 Federal Law Enforcement Officers (FLEOs), Quick Response Teams (CRTS) or other security teams or resources or support retritorial law andorement forces in the territory of Puerto Rico.	10/11/2017	\$2,500,000	DFA
4339DRPRUSDJ0701	æ	HURRICANE MARIA	71/05/60	09/30/17	บรถ	13	strengerated by and in coordination white RRM, USD IESF #13 Mational Coordination Center will provide an additional 2000 Federal Law Enforcement Officers (FLEOs), Quick Response Teams (GLEOs), Quick Response Teams (GLEOs), Center of the Coordination of the Coordinat	10/30/2017	\$1,500,000	DFA
242636 4339DRPRUSDI0800	Æ	HURRICANE MARIA	10/02/17	10/02/17	rasn	13	A requested by and in coordination FBMA, USDI ESF#13 will source and provide federal law Enforcement Officers/Agents, Quick Response Teams (QR15) or other security that are available for immediate use to augment local law Enforcement to provide escort to figel distribution vehicles.	10/16/2017	\$1,250,000	Fos
241081 4339DRPRUSFS0100	Æ	HURRICANE MARIA	71/22/60	71/22/60	USFS	4	ad interest by and in coordination with Febru 50 streets by and in coordination with Febru 50 streets by any format and incoordination Center, or other facilities in support of response operations. Funding for USFS command center(s), if authorized by FEMA, will be grovided under, seesangle MA.	10/30/2017	006'2\$	FOS
4339DRPRUSFS0101	85	HURRICANE MARIA	10/06/17	10/06/17	USFS	4	ad director by that in Coordination with Flags. Vol streets service (USFS) will provide appropriate personnel to EFS 40 Coordination Centre, or other facilities in support of responses operations. Funding for USFS command centre(s), if authorised by FRMA, will be growided under a seasard M.A.	10/30/2017	(006'2\$)	FOS
4339DRPRUSFS0102	g.	HURRICANE MARIA	10/28/17	10/28/17	USFS	4	and an execution of the properties of the proper	11/12/2017	\$100,000	Fos
241135 4339DRPRUSFS0200	æ	HURRICANE MARIA	71/22/60	09/22/17	USFS	4	as directed by and in coordination with EMM. Of Streets service (USFS) and DO will provide command, control, and coordination resources, to include command and general staff members or personne with other specialized qualifications, to assist Puerto Resources with other specialized qualifications, to assist Puerto Resource with other specialized qualifications, to assist puerto service of the COVI with registronic gradient with present any other properties.	10/5/2017	\$500,000	Pos S
4339DRPRUSF50201	Ŗ.	HURRICANE MARIA	71/52/11	71/62/60	uses	4	(USS) and DO will proud command, control, and coordination secures, to include command and ageneral farth members or personners with other specialized qualifications, to assist Puerto personnel with other specialized qualifications, to assist Puerto personnel with other specialized qualifications, to assist Puerto Puerto Co. USV with fredirektivia and memeremy conscituoris in quocott. As directed by and in coordination with FEMA, US Forest Service	10/14/2017	\$2,000,000	FOS
4339DRPRUSFS0202	R.	HURRICANE MARIA	10/04/17	10/04/17	USFS	4	(USFS) and DOI will provide command, control, and coordination becomes, by induced command and general fartiff methers or personnel with other specialized qualifications, to assist Puerto Rock, and Court of the Co	10/20/2017	\$3,000,000	FOS
241161 4339DRPRUSF50300	æ	HURRICANE MARIA	09/22/17	09/22/17	USFS	7	(USFS) and DOI will provide command, control, and coordination resources, to include command, control, and coordination resources, to include command and general staff members or possorine with other specialized qualifications, to assist FRNA with supporting editification centers in supporting of FRNA resource Ast directed by and in coordination with FRNA, US prosest service	10/7/2017	\$500,000	FOS
4339DRPRUSFS0301	g.	HURRICANE MARIA	09/30/17	71/06/60	USFS	7	(USFS) and DOI will provide command, control, and coordination resources, to include command and general staff members or personnel with other specialized qualifications, to assist FIMA with supportive distribution centers in support of FEMA resonse	7,7201/	(\$500,000)	FOS

FOS	Fos	FOS	Fos	FOS	FOS	DFA	DFA	FOS	DFA	fos
\$553,672	\$200,000	\$60,500	\$4,500	\$1,000,000	\$600,000	\$3,500,000	\$500,000	\$500,000	\$2,053,672	\$300,000
10/13/2017	10/31/2017	10/14/2017	10/31/2017	10/31/2017	10/31/2017	10/31/2017	10/31/2017	10/28/2017	10/31/2017	10/31/2017
Actineted by and in coordination with FEMA, US forest Service (USFS) will personation with Institute the Ambate was (USFS) will personation with the equipment necessary to clear equivalent configuration) with the equipment necessary to clear failient trees, which and debit for no roads to definite emergency access in dispater real in support of FEMA seconce coerations. As directed by and in conordination with FEMA, US forest Service freezy, every many and in conordination with FEMA, US forest Service freezy.	(U.S.27) with persons the mean treigner and another to clear equivalent configuration) with the equipment necessary to clear failent needs, which and debt if form costs to cliditate emergency access in distates that in support of Effort Accordance and another and client and expecting the many persons of the persons and accordance and distance and in support of Effort resons and accordance and the persons are also will exhibit and manages above family.	firefighting and command/control personnel and equipment in pappor of FRM response operations in fisc of per diem. Utilize USS, DOI, other Faderal servey and Statefloral effected by and in coordination with FRMA. OS Forest Service (USSS) and DOI will establish and manare a flass Cam for	freelighting and command/control personnel and equipment in pappor of FEM, response operations in like of per diem. - Utilize USS, DOI, other Federal seancy and State/local federated by and no coordination with FEMA, USS and DOI will moving legistrical sections on an incident sea	Federal Stagling Area (FSA) or other logistics facility in support or the Area response observing. And response observing the Area reprose observations. The Area of the Area	provide ligential assistante de an influente support ledse (190). Federal Sognie, Area (FSA), or other ligentials facility in support to FEM netports operations. The assistance may include set-up, receipt, stapine and distribution of truck/trailer combinations. As directed by and in coordination with FEMA, 50 Ferest Service (1959) and DOI will provide withland finefither handersew for	equivalent configuration) with the equipment necessary to clear requivalent resea, brush, and debts from 32as, County, and city roads to facilitate emergency access in disaster area in support of FRMA detected by and in coordinations with FRMA IS forest Service (USFS) and DOI will provide wildland firefither handrows for	equivalent configuration) with the equipment necessary to clear fallen trees, hours, and defer irom State, course, and CHY neats to facilitate emergency access in disaster area in support of FEMs As directed they and in coordination with FEMs. Us Events Eservice (LISS's) and DOI will provide command, control, and coordination	resources, to include command and general staff members sometives must be assist to great order speaking dualifications, such as assist ESFB HTS, with all-hazard plannine, creating, to registics or detected by an on coordination with FEMA. ICS forest Service (1355) and 100 will provide widthand furderine handrows for	equivalent configuration) with the equipment necessary to clear fall lailent trees, but, and debt ir from State, county, and City roads to facilitate emergency ecess in disastes area in succort of ERMs coordinate with the Site leads of switzer that the Staping Area is capable of meeting current, emerging and anticipated.	operational needs and resources Act as the advisor to the Site Lead regarding all Staging
4	4	,		٢	r	4	4	non-specific ESF	4	7
USFS	USFS	USFS	USFS	USFS	USFS	USFS	USFS	USFS	USFS	USFS
09/23/17	09/25/17	09/24/17	10/15/17	71/52/60	10/11/17	09/28/17	09/30/17	10/01/17	10/02/17	10/11/17
09/23/17	71/52/50	09/24/17	10/15/17	09/25/17	10/11/17	09/28/17	09/30/17	10/01/17	10/02/17	10/11/17
HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA
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241352 43390RPRUSFS0400	4339DRPRUSFS0401	241421 4339DRPRUSF50500	4339DRPRUSFS0S01	241517 4339DRPRUSF30600	4339DRPRUSF50601	242035 4339DRPRUSF50700	109 4339DRPRUSFS0701	242536 4339DRPRUSFS0800	242618 4339DRPRUSF50900	243800 4339DRPRUSFS1000
241	241533	241	244437	241.	243890	242	242409	242	2421	2438

DFA	DFA	FOS	SO.	50 ₂	FOS	504	FOS	FOS	F0 S	FOS
\$500,000	\$550,000	\$5,000	\$\$	\$195,000	\$200,000	\$420,000	\$1,400,000	\$1,120,000	\$2,100,000	0\$
11/12/2017	11/21/2017	10/27/2017	12/22/2017	12/22/2017	12/21/2017	12/15/2017	12/31/2017	12/31/2017	9/26/2018	12/31/2017
As requested by an introducing activities continuous activities by an annual provide emergency management assistance and/or planning implementation on the island of Puerto Ricco in support of		As airected by and in coordination with HMA, Usos will provide landslide hazard analysis and impact assessment with geospatial data sets for inclusion in FEMA mapping products.	Fundine for USGS command center(a). If authorized for FEMA will have a directed for and in coordination with FEMA USGS will provide in model as the state of analysis and impact assessment with geospecial data sets for inclusion in FEMA mapping products.	Fundine for USGS command conterfal if puthorized by FENA, will see gleecked by which coordination with FENAL USGS will provide landside hazard analysis and rimpart assessment with geospatial data sets for inclusion in FENA mapping products.	Fundine for USGS command centerial, if authorised by FENA, will USGS will provide appropriate presonnel anglor SNRs to Puerro Rico to support ENAA response operations. The support provided may include, but is not limited to, the following:	Provide technical assistance to the infrastructure stabilization As directed by and in coordination with FEMA, USGS will strovide advance support, real-time field measurements, and daily reporting of water heights in direct support and for studional awareness of FEMA response operations for a high-water or food	events. As directed by and in coordination with FEMA, the Peace Gorps will provide permanent federal agency personnel (to exclude temporary bries of the other Dis agencies) withing to deploy for a field assignment to supplement DHS/FEMA's disaster response	and recovery formula mental me	Activered by add in coordination with Fibit, Department of Vectora Affairs (vol) will provide permanent Fibit, Department of personnel (to exclude temporary nines of the other DNA agence) willing to deploy for helid agenment to supplement DHS/FIMAX diseaser remones and propower efforts.	As directed by and in coordination with FEMA, Department of Veteran Affairs (VA) will provide permanent Federal agency personnel (to exclude temporary bires of the other DHS agencies) willing to deploy for a field assignment to supplement
non-specific ESF	non-specific ESF	ίΩ	ĸ	s,	Ŋ	v	v	w	νı	٧ı
USFS	USFS	USGS	USGS	USGS	uses	uses	USPC	NSSS	Ą	××
71/72/01	11/09/17	09/30/17	10/19/17	10/27/17	10/23/17	11/01/17	10/02/17	10/03/17	71/17/20	71/70/01
10/27/17	11/09/17	09/30/17	71/61/01	10/21/17	10/23/17	11/01/17	10/02/17	10/03/17	09/27/17	10/07/17
HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA
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245727 4339DRPRUSF31100	4339DRPRUSFS1101	242354 4339DRPRUSGSD100	4339DRPRUSG50101	43390RPRUSGS0102	245331 4339DRPRUSG\$0200	245923 4339DRPRUSG60300	242617 4339DRPRUSPC0100	242667 4339DRPRUSSS0100	241790 4339DRPRVAGIDO	4339DRPRVA0101
245727	246721	242354	244788	245116	245331	245923	242617	242667	241780	243301

FOS	FOS	FOS	DFA	DFA	DFA	DFA	fos	Fos	FOS	F0S
\$1,400,000	\$100,000	\$100,000	\$2,500,000	\$69,474	\$750,000	0\$	\$40,000	\$80,000	\$30,000	\$150,000
12/31/2017	7102/72/01	10/17/2017	10/31/2017	7102/6/21	11/3/2017	12/31/2017	11/6/2017	12/22/2017	10/17/2017	10/23/2017
As directed by and in coordination with FEMA. The US Agency for International Development (USAID) will provide permanent Federal agency personnel (to exclude temporary hires of the	or other DNS agreemest willing to depty for a feld assignment to autoplanment DNS/ERMX disaster reasons are recovery efforts As directed by an in coordination with Fight. Customs & Border Protection (EBP) will provide serial image, image transfer. All motion wideo streaming (BePipe), and Provides and Exploitation and our wideo streaming (BePipe) and Provides and Exploitation	and unundiate resonate and unundiate and unundiate and unundiate resonate and immediate resonate and unundiate resonate and unundiate resonate appropriate presonnet to NRC and other locations as directed by FEMA to support	Fundine for GB command centerits, if authorized by FENAs, will As directed by and in coordination with FENA. U.S. Customs and Border Protection (GB) all and Marine Operations (AMO) will provide appropriate aircraft, marine wassels, personnel, or any other assets to support operations for Search and Rescue.	recontinuation reputation of the properties of t	As directed by and in coordination with FFMA, Corporation for abstract Community Service (CNCS) will deploy personnel to support arthrites in, but not limited to, the following areas in support of FEMA response operations; shelter, feeding.	As directed by and in exonitarities with FSAN Cooperation for National Community Service (FCKS) will deploy personnel to support exhibites in but not limited to the following areas in support of FSAN exponse censions: shelper, freeding. donations and outlinese management, warehousing, non-	As directed by and in coordination with FEMA, Corporation for razional Community Service (CNCS) will provide appropriate personnel to FEMA operations in response to Hurricane Maria in the USVI.	As directed by and in coordination with FEMA, Corporation for National Community Service (CNCS) will provide appropriate personnel to FEMA operations in response to Hurricane Maria in the USVI.	As directed by and in coordination with FENA, US Army Corp of Fengineer, USACEY will provide appropriate personal to the Puerto Rico and RRCZ or other featilities in support of FENA response operations. Activation may also include USACE	benefin a fully abound the time frogen in sloots. Registered by and it coordination with FBM, US Amy, Corp of Engineers (USACE) will provide appropriate personnel to the Puerto Rico and RRCC are other facilities in support of FEMA response operations. Activation may also include USACE.
'n	ιŊ	13	7	80	w	ų.	non-specific ESF	non-specific ESF	m	m
AID	CBP	CBP	CBP	90	CN	CNCS	CNCS	CNCS	COE-SAD	COE-SAD
10/06/17	09/22/17	09/22/17	09/28/17	10/11/17	61/52/60	10/11/17	71/82/60	10/17/17	09/22/17	09/24/17
10/02/17	09/22/17	09/22/17	09/28/17	10/11/17	09/26/17	10/11/17	09/28/17	71/11/01	09/22/17	09/24/17
HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA
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242596 4340DRVIAIDO100	241103 4340DRV/CBP0100	241105 4340DAVICBP0200	242031 4340DRVICBP0400	243736 4340DRVICDCG100	241740 4340DRVICNCSO100	4340DRVICNC50101	242145 43400RVICNCS0200	4940DRVICNCSO201	241067 4340PRVICOE-SAD0100	4340DRVICOE-SAD0101
242996	241103	241105	242031	243736	241740	243777	242145	244648	241067	241480

242407	4340DRVICOE-SAD0102	5	HURRICANE MARIA	09/30/17	09/30/17	COE-SAD	m	As directed by and in coordination with FEMA, US Army Corp of Engineers (USACE) will provide appropriate personnel to the Puerto Rico and RRCC 2 or other facilities in support of FEMA	11/9/2017	\$2,625,000	FOS
245411	4340DRVICOE-SADD103	>	HURRICANE MARIA	10/25/17	10/25/17	COF-SAD	m	response operations. Activation may also include USACE moments and momental and include used to state a site and in recordination while FRMs, US Amy Corp of Sirected by and in recordination with FRMs, US Amy Corp of Engineers (USAC) will provide appropriate personnel to the Distant Ricco and RRC? On order shallings concerned for RMs.	בומי/סנ/כו	65.400.000	Ğ
		:					i	response poerations. Activation may also include USACE modeling and for National Futurations procurs as support. At requested by the 4340 DR Virgin Islands and in coordination with FEMA, USACE will activate and deploy the Debnis PRT to			3
241297	241297 4340DRVICOE-SADO200	>	HURRICANE MARIA	09/24/17	09/24/17	COE-SAD	m	coordinate and execute all necessary actions associated with debts deterance, removal, and/or disposal site manament from bublic orocerty in the affected dress necessary to eliminate or sequenced by the \$400 DV (fight lishafts and in coordination with FIDMs, USACE will activate and deploy the Debts BPT to	10/23/2017	\$17,500,000	DFA
242166	4340DRVICOE-SAD0201	5	HURRICANE MARIA	71/62/50	09/29/17	COE-SAD	m	coordinate and execute all necessary actions associated with debt's cleanance, removal, and/or disposal site meanment from oublic property in the affected areas necessary to eliminate or ad lettered by and in coordination with Fifty. USACE will provide temporary power support assets for emergency power.	11/15/2017	\$11,750,000	DFA
241365	241365 4340DRVICOE-5AD0300	>	HURRICANE MARIA	09/24/17	09/24/17	COE-5AD	m	generation to the affected area in support of FEMA response operations.	10/23/2017	\$46,000,000	DFA
244451	4340DRVICOE-5AD0301	5	HURRICANE MARIA	10/16/17	10/16/17	COE-SAD	m	As directed by and in coordination with FEMA, USACE will provide temporary power support assets for emergency power generation to the affected area in support of FEMA response operations.	11/23/2017	o,	DFA
241409	241409 4340DRVICOE-SAD0400	5	HURRICANE MARIA	09/24/17	09/24/17	COE-SAD	m	As directed by and in coordination with FEMA, US Army Corp of Agineers (USACE) will provide the infrastructure Assessment (IA) PAT to conduct initial planning and preparedness efforts in support of FEMA response operations.	10/23/2017	\$225,000	FOS
244515	4340DRVICOE-5AD0401	5	HURRICANE MARIA	10/15/17	10/16/17	COE-SAD	m	As directed by and it coordination with FEMA, US Army Cosp of Agineers (USACE) will provide the infrastructure Assessment (IA) PRT to conduct initial planning and preparedness efforts in support of FEMA response operations.	11/30/2017	0\$	fos
245759	4340DRVICOE-SAD0402	5	HURRICANE MARIA	10/27/11	10/27/17	COE-SAD	m	A directed by and in coordination with FBMA, US Army Cosp of fegineers (USACE) will provide the infrastructure Assessment (IA) PRT to conduct initial planning and preparedness efforts in support of FBMA response operations.	12/23/2017	00a'a9E\$	FOS
241451 .	241451 43400RVICOE-SADOSGO	5	HURRICANE MARIA	09/24/17	09/24/17	COE-SAD	m	Work: Deploy Pemporary Roofing Planning and Response Team (PRT), Ods, and support personnel. Implement the Advanced Contracting Initiative (Act), other contracting processes, or other sources to provide temporary roofing as directed by FEMA. Coordinate the roofine activities of all other organizations is an vious Deploy Temporary floating Planning and Response Team.	10/23/2017	\$20,000,000	DFA
244477	4340DRVICOE-SAD0501	5	HURRICANE MARIA	10/15/17	10/15/17	COE-SAD	m	(PRT), QAs, and support personnel. Implement the Advanced Contracting initiative (ACI), other contracting processes, or other sources to provide temporary roofing as directed by FEMA.	12/15/2017	\$0	DFA

DFA	FOS	FOS	FOS	FOS	FOS	FOS	FOS	FOS	FOS	Fos
\$15,000,000	\$225,000	0\$	\$360,000	\$450,000	\$485,000	0\$	\$114,000	80	\$360,000	\$250,000
12/15/2017	10/23/2017	12/15/2017	12/21/2017	10/27/2017	7102/15/01	11/15/2017	10/25/2017	11/30/2017	1/1/2018	11/17/2017
Work: Opploy Temporary Roofing Planning and Response Team (PRI), Osds, and support personnel. Implement the Advanced Contracting Initiative (Aci), other contracting processes, or other sources to provide temporary roofing as directed by FEMA.	Coordinate the roofine artificities of all other constituents field. As directed by and in coordination with FEMA, USACE will activate and deploy the management cell of the Housing Planning and Response Team and/or object matter deeper(1s) in preparation for executing a citical public fasilities mission in support of FEMA escorose operations. As directed by and in coordination with FEMA, USACE, will	activate and deploy the management cell of the Housing Planning and Response Team and/or subject matter expert(s) in preparation for executing a orthogonal public facilities mission in properties of the suppose and approximate the contract of ECM variances.	As directed by and incoordination with FEMA, USACE will activate and deploy the management cell of the Housing Planning and Response Team and/or subject natter expert(s) in preparation for executing a citizal public facilities mission in augmost of FEMA assessing control and inconvincial as directed by and inconvincial as directed as direct	technical expertise to 4340 by Virgin Islands to aid in accomplishing priority missions in support of response operations.	Commodities Distribution Oversight. States, support to FEMA, States, and other Agencies. Support Includes reviewing and providing oversight to the plocesses in place for receiving, tracking recording, and distribution commodities to State and for Commodities Distribution Oversight:	Support to FEMA at various staging areas in support to FEMA, States, and other Agencies. Support includes revening and providing oversight to the processes in place for receiving tracking requires and retetibilities commodities to State and Articibilities commodities to State and Articibilities.	As directed by and in coordination with FEMA, 1936(E-will activate and delay their Deployable Toxical Operations System (OTOS) and DTOS support team members to provide ESF #3 and/or FEMA operations with initial operating facilities and communication in support of PEMA reports operation COOS As directed by and in coordination with FEMA, 1936(E-will DTOS As directed by and in coordination with FEMA, 1936(E-will DTOS).	activate and deploy their Deployable Tactical Operations System (DIOS) and Otos support team members to provide ESF #3 and/or FEMA operations with initial operating identifies and communications in success (ENMA repropse registration) DIOS communications in success (ENMA repropse registration) DIOS communications in success (ENMA repropse registration) DIOS	or curector by an or accordance in restriction to perations system (DTOS) and DTOS support team members to provide ESF #3 and/or ERNA operations with initial operating facilities and communications in support of ERNA resonance constitute. DTOS & directed by and in coordination will provide	appropriate personnel to conduct comprehensive and integrated analysis of requirements arising from the event to support Stafford Act FSF #3 missions and drive the dintrinal and
m	m	m	m	m	7	۲	m	m	m	m
COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-SAD	COE-5AD	COE-SAD	COE-SAD	COE-SAD
10/19/17	09/24/17	71/71/01	10/25/17	09/25/17	09/25/17	10/15/17	71/27/10	10/15/17	11/02/11	09/30/17
10/19/17	09/24/17	71/17/17	10/25/17	09/25/17	09/26/17	10/15/17	09/27/17	10/16/17	11/02/17	09/30/17
HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA
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4340DRVICOE-SAD0502	241457 434DDRVICOE-SADDBDD	434DRVICOE-SADOSO1	4340DRVICOE-SADO602	241570 4340DRVICOE-SAD0700	241731 4340DRVICOE-SADOBDO	4340DRVICOE-SAD0801	241923 4340DRVICOE-5ADD300	4340DRVICOE-SAD0901	246781 4340DRVICOE-SAD0902	242405 4340DRVICOE-SAD1000
244697	241457	244516	245412	241570	241731	244519	241923	244518	246281	242405

FOS	Fos	DFA	Fos	FOS	Pos	Fos	FOS	Pos	FOS	FOS
\$1,000,000	\$500,000	\$26,000,000	\$1,400,000	\$700,000	\$1,400,000	\$1,400,000	\$3,150,000	\$1,400,000	\$1,400,000	\$1,400,000
1/2/2018	3/28/2018	72/7/2017	12/31/2017	12/31/2017	12/31/2017	12/31/2017	11/30/2017	12/31/2017	12/31/2017	12/31/2017
As directed by and in coordination with FEMA, USACE will procure or lease office paper, furniture, supplies, requipment (e.g., automated data processing hardware and software), and/or utilities, including necessary installation in support of FEMA response oberations. Before procurine or leasing any autoplies or	As directed by and in coordination with FRAM, USAGE will procure or lease office space, furniture, supplies, equipment (e.g., automated data processing hardware and software), and/or untimities, including necessary installation in support of FRAM recorner operations.	As directed by and in coordination whit Ferblu (SACE Will provide critical public facilities assistance in support of response operations. Support may include, but is not limited to, the following mass users: * Procure and obeging the property Critical Public facilities units: * Procure and obeging the property Critical Public facilities units:	Someward or an inconditional water for the professional polity will provide permanent federal agency personnel (to exclude temporary hiras of the other DHS agencies, willing to ediploy for a field assignment to supplement DHS/EMA's disaster respectively and recovery efforts.	as intered to your into old production with return the enry of privacy will provide permanent federal agency personnel (to exclude temporary hires of the other DHS agencies) willing to exclude temporary hires of the other DHS agencies) willing to edeploy for a field assignment to supplement DHS/FEMA's disaster resconse and recovery efforts.	as directed by and in coordination with FRM, DHS Chitenship & immigration Services Ombudsmen (GSOMB) will provide permanent Federal agency personnel (to exclude temporary hires of the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FEMM's dissister response and recovery	as breezed by their locordination with Febria. The Department of Homeland Security (DHS)(Chief Security Office (EGO))will provide permanent Forests agreen personnel (to acclude temporary hiers of the other DHS agencies) willing to deploy for a feed assignment on the conformant of the Chief Security of the Security of Security of the Chief Security of the Chief Security of Sec	of Homeland Security (DHS)/Nanagement Directorate (MGT) will provide permanent federal algoring personnel (to exclude temporary hires of the other DHS agencies) willing to deboy for a field assurpment to succleare the DHS EXPARAGE WILLINGS to GHS AGENT reasonnes. As directed by and in coordination with FEMA, DHS Nanagement.	Program Accountability and this Management (DHS MGT-PARM) will provide permanent Federal agency personnel (to actual temporary hires of the other DHS agencies) willing to deploy for temporary hires of the other DHS agencies) willing to deploy for temporary hires of the other DHS agencies) willing to deploy for the disaster reasonse had directed by and in coordination with FMM, The Department	of Homeland Security (IDHS/Chief Human Capital Officer (CHCD) will provide permanent Federal agency personnel (to exclude temporary hirse of the other Dh's agencies) willing to deploy for a field assignment to sunolinent DHS/EFMAR distate reasonse field disconnected by and in coordination with FRMA, DHS Management	Chief Procurement Officer (Dris-Mott-CPO) will provide permanent Federal agency personnel (to seuche temporary hires of the other DNS agencies) willing to deploy fror a fired assignment to sunotement DNS/FEMA's disaster reasonse and recovery
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COE-SAD	COE-SAD	COE-SAD	DHS-MGT	DHS-MGT	DHS-MGT	DHS-MGT	DHS-MGT	DHS-MGT	DHS-MGT	DHS-MGT
10/04/17	10/27/17	10/07/17	10/02/17	10/07/17	10/06/17	10/05/17	10/04/17	10/06/17	10/06/17	10/06/17
10/04/17	10/27/17	10/07/17	10/02/17	10/07/17	10/06/17	10/05/17	10/04/17	10/06/17	10/06/17	10/06/17
HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA
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242785 4340DRVICOE-SAD1100	245836 4340DRVICOE-SAD1101	243464 4340DRVICOE-SAD1200	242502 4340DRVIDHS-MGT0100	242612 4340DRVIDHS-MGT0200	242904 4340DRVIDHS-MGT0300	242909 4340DRVIDHS-MGT0400	242908 4340DRVIDHS-MGT050D	242948 4340DRVIDHS-MGT0600	242921 4340DRVIDHS-MGT0700	242922 4340DRVIDHS-MGT080D
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f0\$	505	FOS	FOS	F05	FOS	FOS	FOS	FOS	Pos	FOS
\$1,400,000	\$1,400,000	\$1,400,000	\$1,400,000	\$350,000	\$350,000	\$350,000	\$210,000	\$1,400,000	\$1,400,000	\$280,000
12/31/2017	12/31/2017	12/31/2017	12/31/2017	12/31/2017	12/31/2017	12/31/2017	12/31/2017	12/31/2017	11/30/2017	12/31/2017
As directed by and in coordination with FRMA, D4S Management Chref Filancial Officer (D4S-MGT-CEO) will provide permanent Federal agency personnel (to exclude temporary Pirits of the other D4S agencies) willing to deploy for a field assignment to subplement (V4S)FEMA's disstance reasone and recovery efforts As directed by and in coordination with FEMA, The Department	I chaneled Scutzult (PASS/Chef Readmess, Support Officer (CASG) will provide permanent federal agency personne (to exclude temporary hires of the other DHS agenoues) willing to ecolou for a fined assignment to subolement pusiffeRMA diastrement As directed by and in coordination with FWA, DHS OFfice of	Intelligence & Analysis (I&A) will provide permanent Federal agency personnel (to exclude temporary hires of the other DHS agencies) willing to debody for a field assignment to supplement of byf.EMA, of staster resonates and resonaw reflects to the US As directed by and in coordination white EMA, The Destinant	of Homeland Security (INS)/Chief information Officer (CIO)will provide permanent Federal agency personnel to exclude temporar Aires of the other DHS agencies) withing to deploy for a field assistment to sucolement DHS/FEMA's disaster gesooppe field assistment to sucolement DHS/FEMA's disaster gesooppe.	executive secretary (SEC) will provide permanent Ferena agencies with presonnel (to exclude hemoprary hims of the other Days Days (secretary (SEC) will provide permanent Ferena agencies) willing to deploy for a feel assignment to supplement. DelyffEMA alsoser reasonable and executive permanent to supplement. DelyffEMA alsoser reasonable and a recognition and recognition and accomplishment of supplement.	Partnership and Engagement (OPE) will provide permanent defends agency personnel (to exclude temporary hises of the other OHS agencies) willing to deploy for a field assignment to other OHS agencies) willing to deploy for a field assignment to accompare to the CESTER MAX distances reacongs and recognite effort. As discreted by and in coordination with EPAA, this Office of	Legislative Affairs (OLA) will provide permanent Federal agency personnell receduted temporary Prinse of the other Devis agencies willing to deploy for a field assignment to supplement Devis Experiment to Supplement Devis Experiment On Supplement Devis Experiment Devis E	General Coursel (OGC) will provide permanent Federal agency bersonnel reactive the exclude temporary hirse of the often DFS agencies) willing to deploy for a find assignment to supplement and polyficial classifier reactions and recovery efforts, in US virtin As directed by add in coordination with FRAA, the Dist Office of	Health Afters will provide permanent Federal agency personnel to everlode temporary hirs of the other DNs agencies) willing to depicy for a field assignment to supplement DNs/FEMA's classific response and recovery effort.	Health Affairs (DHA) will provide permanent federal agency personnel to exclude temporary fires of the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FEMA's disaster resoonse and recoverve efforts. As directed by and in coordination with FEMA, DHS Operations Coordination CHA Charlism Control and a commands Expendical seasons.	Continuation (Art 2 Op) with provide perindicent recent agency perindicent recent agency please of the other DHS agencies) willing to deploy for a field assignment to supplement
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DHS-MGT	DHS-MGT	DHS-MGT	DHS-MGT	DHS-MGT	DHSMGT	DHS-MGT	DHS-MGT	рн5-она	DHS-OHA	DHS-OP5
10/06/17	10/06/17	10/06/17	10/06/17	10/22/17	10/20/11	10/20/17	10/20/17	10/02/17	10/04/17	10/20/17
10/06/17	10/06/17	10/06/17	10/06/17	10/22/17	10/20/17	10/20/17	10/20/17	10/02/17	10/04/17	10/20/17
HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA
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241923 4340DRVIDH5-MGT0960	242949 43400RVIDHS-MGT1000	242944 4340DRVIDHS-MGT1100	242951 4340DRVIDH5·MGT1200	244940 4340DRVIDHS-MGTJ300	244924 4340DRVIDHS-MGTJ400	244962 4340DRVIDHS-MGT1500	244964 4340DRVIDH5-MGT1600	242599 4340DRVIDHS-0HA0100	242945 4340DRVIDHS-OHA0200	244891 4340DRVIDHS-OPS0100

								As directed by and in coordination with FEMA, DHS Science and				
242943	242943 4340DRVIDHS-ST0100	5	HURRICANE MARIA	10/04/17	10/04/17	DHS-ST	v	Technology (5&T) will provide permanent Federal agency personnel (to exclude temporary hires of the other DHS agencies)	11/30/2017	\$1,400,000	FOS	
								willing to deploy for a field assignment to supplement DHS/FEMA's disaster restonse and excerver efforts. As directed by and in coordination with FEMA, DHS science and Technology (SRT) util provide paramonant Enders) sensor				
244918	4340DRVIDHS-5T0101	5	HURRICANE MARIA	10/19/17	10/19/17	DHS-ST	'n	recommonds your provide permanent recens agency personnel (to exclude temporary hires of the other DMS agencies) will not so dealow for a field assistant to a uniformer.	12/31/2017	\$0	50s	
								minus, to deputy for a neutral assignment to suppenient. DHS/FEMA's disaster response and recover efforts. As directed by and in coordination with FEMA, The US Department of Housine and Jithan Develorment (HJID) will				
242968	242968 4340DRVIDHUD0100	>	HURRICANE MARIA	10/06/17	10/06/17	рнир	'n	provide permanent Federal agency personnel (to exclud) temporaru hize of the other DRS agencies) willing to dealou for a	12/31/2017	\$1,400,000	FOS	
								schiptory micro or an extension of the general withing to deploy for a field assignment to supplement DHS/FEMA's disaster response As directed by and in coordination with FEMA, DLA will provide and deliver leased generators of various canonities to the incident				
240981	240981 4340DRVIDLA0100	5	HURRICANE MARIA	09/21/17	09/21/17	DLA	7	Support Base (ISB)/Federal Staging Area (FSA) or point of need in	10/17/2017	\$10,000,000	DFA	
								Support or Fival response operations. As directed by FEMA, DLA will activate leased generator contracts and award requirement. As directed by and in coordination with FEMA, DLA will provide				
242372	4340DRVIDLA0101	₹	HURRICANE MARIA	71/02/60	09/30/17	PIG	7	and deliver leased generators of various capacities to the incident. Support Base (188)/Federal Staging Area (FSA) or point of need in	12/29/2017	\$25,000,000	DFA	
								support of FEMA response operations. As directed by FEMA, DLA will activate leased renerator contracts and award requirement				
241481	241481 4340DRVIDLA0300	5	HURRICANE MARIA	09/24/17	09/24/17	elo Pla	,	Deriver to 3 Horizones Cynic Ang International Apport Defore or On 33,555pg mber at 0800 hours the following items: OT 27,2777 Derive The International Ports with air conditioning that	4/40/2017	000 0585	Š	
								sleeps approximately 20 personnel (dimensions 22 feet by 60	1707 (00 (0		3	
								feet) or similar sized item. Provide a minimum of 250k collapsible water jugs per the initial Provide a minimum of 250k collapsible water yill be read in				
241800	241800 4340DRViDLA0400	5	HURRICANE MARIA	09/26/17	09/26/17	PIA	7	identify additional needs as identified by FEMA. Originally staging	10/1/2017	\$2,500,000	FOS	
								being routed directly to USVI due to damages caused by Maria. As directed by and in coordination with FEMA, Department of				
240985	240985 4340DRVIDGC0100	5	HURRICANE MARIA	09/22/17	09/22/17	000	'n	Commerce/NIST will provide appropriate resources to acquire surface level observations of wind speed (gust and mean), wind	10/17/2017	\$18,500	SO.	
								direction, and atmospheric pressure in the U.S. Virgin Islands,				
								Puerto Rico, and U.S. coastline for Hurricane Maria. As directed by and in coordination with FEMA, Department of				
371766	***************************************	;	1000	0.000		;		Commerce/NIST will provide appropriate resources to acquire				
007147	43400KNIDOCC101	>	HURRICANE MARIA	09/23/17	09/23/1/	200	5	surface level observations of wind speed (gust and mean), wind direction and atmospheric presents in the U.S. Virgin blands	10/17/2017	\$8,000	S S	
								Duerto Rico, and U.S. coastline for Hurricane Maria. As directed by and in coordination with FEMA, Dept of Commerce				
								(DOC) National Telecommunications & Information				
241456	241456 4340DRVIDOC0200	>	HURRICANE MARIA	09/24/17	09/24/17	D00	7	Administration (NTIA) will provide appropriate personnel to the	10/30/2017	\$50,000	FOS	
								R2 IOF, JFO, FEMA teams, or other facilities in support of FEMA				
								response operations. As directed by and in coordination with FEMA, Dept of Commerce				
245587	10000000V8000V8	5	HIDDICANE MADE	11/00/17	57/50/11	Š		(DOC) National Telecommunications & Information		***		
1	TOTOTOTOTOTOTO	;	DUNDLANE MANA	1 T / CO / T T	11/03/11	25	7	Administration (NTIA) will provide appropriate personnel to the B2 IDE IEO EEAAA teams on other facilities in consecut of EEAAA	10/30/2017	(\$50,000)	50S	

242875	242875 43405RVIDOC03D0	⋝	HURRICANE MARIA	10/04/17	10/04/17	DOC	и	As directed by and in coordination with FMA, The US Department of Commerce will provide permanent Federal agency personnel (Lo exclude temporary hires of the other DHS agencies)	12/31/2017	\$700,000	Fos
241061	241061 4340DRVIDODO100	>	HURRICANE MARIA	09/22/17	09/22/17	QOQ	50	winning to depote the state of section of se	10/17/2017	\$14,039,605	FOS
245003	4340DRVIDODO101	5	HURRICANE MARIA	10/22/17	10/22/17	god	œ	As directed by and in coordination with FBMA, Dept of Defense (100) will provide freak-wing extonnedical evacuation forces to conduct phased and interdependent WIMA theater patient movement in support of FBMA response operations.	11/17/2017	\$	FOS
241017	241017 4340DRWIDOD0200	5	HURRICANE MARIA	09/22/27	09/22/17	qoq	^	As directed by and in coordination with FBMA, & ESF 9, Dept of debetes (EOD) will provide retray wing activity equipped with hoist, in support of search and rescue operations in support of FBMA response operations for University Monthly (Commissay) or the PBMA response operations for University Monthly (Commissay) C2 response and other connections and entitlement maintenance final and other connections.	10/17/2017	\$2,000,000	Š
241120	241120 4340DRVIDCDD300	>	HURRICANE MARIA	09/22/17	09/22/17	900	50)	In coordination with FEMA, NDMS Patient Reception and Definitive Care will be accomplished in accordance with the most current FCC guide.	9/21/2017	\$30,000	FOS
241653	43400RVIDDD0301		HURRICANE MARIA	09/26/17	09/26/17	000	50)	Initiate bed resorting of a Dop FCC NDMS hosoitals. Verify in coordination with EMA, NDMS Patent Receptions and Definitive Cate with the accomplished in accordance with the most current FCC guide.	10/31/2017	S,	SO
241097	241097 4340BRVIDODO400	5	HURRICANE MARIA	09/22/17	09/22/17	000	œ	Initiate bed resortine of a DoD FCC NOMS hostistis. Verify in condination with FERA, Down il provide support to freegony Support Function #8 areas of responsibility. DoD medical teams/units wilf function equivalent to S HHS Deployable Medial Assistance Teams (Maris 3 and be ready to respond post-hurricane Maria Maris In and around the USV.)	10/17/2017	\$3,000,000	FOS
241117	241117 4340DRViDOD0500	5	HURRICANE MARIA	09/22/17	09/22/17	000	in	requested by and in coordination with FRMA and, the bob will provide imagery of affected area in St. Croix as depicted on Mission Assignment Tasking Orders. Location/limes/factions in support of FRMA efforts to conduct damage assessment and support of FRMA efforts to conduct damage assessment and support of FRMA efforts to conduct damage assessment and	10/17/2017	\$100,000	FOS
241132	241132 4340RVIDOD0600	>	HURRICANE MARIA	71/22/11	09/22/17	QOQ	,	A crequested by ERAA, DGD will provide capability to conduct assessment in order to open alrifled, provide intimed sinfield management of aircraft to to a working MMS of two wide body from circit with a repability to begingholded argo continuously or up to 15 days. The crankling must after incline movement	710/17/2017	\$600,000	FOS
241158	241158 4340DRVIDOD0700	5	HURRICANE MARIA	71/22/10	09/22/17	000	15	As directed by and in coordination with FEAA, Dest of Defense LODD will provide Cull Authorities Information Support (CAS) to distribute amergency massages in support of FEAA, in Response to Hurriane Maria for St Croix response operations.	10/17/2017	\$100,000	FOS
241160	2411E0 4340DRVIDODD800	5	HURRICANE MARIA	71/22/60	09/22/17	000	,	As requested by and in coordination with FEMA, Dept of Defense (DoD) will provide a joint assessment team to Henry E Rohisen Airport (St. Cross). - Provide assessment team to evaluate all aspects of opening	10/17/2017	\$1,000,000	FOS

241164 4340DRViDOD1000	>	HURRICANE MARIA	09/22/17	09/22/17	gog	7	Request Dob provide and move a K-Loader with capability to off- load large frame civilian aircraft, 10k/60k or equivalent size forbilit, and personnel from Henry E. Rohisen Airport (STX) on St. Croix, VI.	10/24/2017	\$400,000	FOS
241166 43400RVIDCD11CO	5	HURRICANE MARIA	71/22/20	09/22/17	gog	ø	As directed by and in coordination with FEMA, DOD will provide appropriate personnel to support the Federal Search and Rescue Coordination Group (FSAFCG), providing planning and coordination assistance to EFP Search and Rescue at (RRCC, MAT, I/O) or other entities and federue at (RRCC, AR, I/O) and in Coordination with FEMA and HIS, DOD.	10/17/2017	\$10,000	503
241170 4340DRVIDOD1200	5	HURRICANE MARIA	09/22/17	09/22/17	0 00	00	will establish, staff and operate DoD deployable temporary medical treatment facilities that an provide Role II medical care with surgical capability in and around St. Croix or other locations within the USYI to treat individuals affected by Hurrigane, Maria.	10/30/2017	\$2,000,000	⁶ OS
241177 4340DRVIDOD1400	5	HURRICANE MARIA	09/22/17	09/22/17	DOD	^	is state-like the Sha in a coordination wher the ALD, DU will provide load planning SMS, in order to execute load planning for air operations in conjunction with RFAM MCL. Peaconed will have icodes access and work 42/7 in the FRAM ARC-Exponent will have icodes access and work 42/7 in the FRAM SMC-EXPACC will have a load-section and access and work 42/7 in the FRAM SMC-EXPACC will have a load-section and access and work 42/7 in the FRAM SMC-EXPACC will pray the section and section and access and work and in coordination with FFAM. DOD will prayed.	10/17/2017	\$10,000	FOS
243893 43400RVIDOD1401	5	HURRICANE MARIA	10/11/17	10/11/17	gog	7	load planning SMEs in order to execute load planning for air operations in conjunction with ERAM MCC. Personnel will have icodes access and work 24/1 in the FEMA MCCRAMC will be Resonate and Recogny occapions for integral plans, easa.	10/31/2017	0\$	FOS
241186 4340DRVIDOD1500	5	HURRICANE MARIA	09/22/17	09/22/17	gog	80	vali activate y and in teconismost with value and must be used with activate preposition, and configure appropriate personnel and equipments/upplies in order to be prepared to provide NDMS pained moreovernet when requested. These resources will our stoke as if the disorders or U.S. Transportation Command in our states at the disorders or U.S. Transportation Command in	10/30/2017	\$1,400,000	FOS
241206 4340DRVIDOD1600	5	HURRICANE MARIA	09/22/17	09/22/17	DOD	,	request to Do provide a stationed ACCE consisting of an and space power subject matter experts to ensure integrated air, space, and communications operations throughout the Vigin islands - JOA. Eigh JACCE Team. consistent of three to locur air and space	10/17/2017	\$100,000	FOS
241258 4340DRWIDOD1700	5	HURRICANE MARIA	09/22/17	09/22/17	000	,	Dop provides ground transportation support to move personnel and/or cargo) on the island of St Croix. Movement is estimated to orcur from Sep 25, 2017 to Oct 31, 2017 or until Dob completes or terminates the mission. 2017 or until Dob completes or terminates the mission. Dob will orquice requested automor within exabilities, Once the As requested by and in coordination with ERMA, the Dob will provide the coordination with ERMA, the Dob will	10/31/2017	\$1,000,000	FOS
241217 4340DRVIDOD1800	\$	HURRICANE MARIA	71/22/17	09/22/17	900	m	complete route clearance along roadway routes affected by the disaster after local law enforcement has secured the routels). Esh route will be cleared to allow commercial vehicle, two-way traffic, Limitations; DoD my, stupe sufface; transportation in owner.	10/31/2017	\$1,000,000	FOS
241428 4340DRVIDOD1900	>	HURRICANE MARIA	09/23/17	09/23/17	000	r	A directed by and in coordination with FUNA, Legt of Defense (DOD) will provide transportation for personnel from-medical patients) and/or cargo, in support of FUNA response operations. DOD is responsible for providing ensurement and/or equipment necessary to accomplishe for providing ensurement and/or equipment necessary to accomplishe for providing ensurement and or coordination with FEMA, Dept of Defense Accounts.	710/17/2017	\$15,000,000	FOS
243560 4340DRVIDOD1901	>	HURRICANE MARIA	10/08/17	10/08/17	dod	7	(UOU) Will provide transportation of personnel (non-medical patients) and/or case, in cumon of EAMA recommendation (OOD) is recommissing to the comment of EAMA recommendation (OOD) is recommendation.	10/31/2017	\$5,000,000	Pos

60	FOS	FOS	FOS	FOS	DFA	DFA	FOS	FOS	DFA	50S
9\$	\$18,000,000	\$25,000	\$200,000	\$4,060,000	\$16,500,000	80	\$213,000	\$250,000	\$1	\$3,000
11/17/2017	10/23/2017	10/31/2017	10/30/2017	12/31/2017	11/3/2017	11/17/2017	11/7/2017	12/5/2017	10/27/2017	10/23/2017
As directed by and in coordination with FEMA, Dept of Defense (DOD) will provide transportation of personnel (non-medical patents) and/or cargo, in support of FEMA response operations, DOD is responsible for oroviding oersonnel and/or equipment necessary to accomplish	Request sourcing and air and/or sea lift via DoD assets for water and meals from CONUS to locations in USVI and Puerto Rico for a period up to 30 days.	Request ESG-2 conduct a ground assessment of both airfields (STX and STT) as well as all previously identified or potential landing zones (L2) for rotaly-wing use. This will enable prointited rote clearance to occur as needed, as well as, immediate aerial delivery of relef suppolise, MEDEVAC, or SAR, immediate aerial delivery of relef suppolise, MEDEVAC, or SAR.	As requested and in coordination with FEMA, DOD will provide appropriate personnel and assets to establish arrival and departure airfield control group(s) (ADACC) to provide passenger control and flight scheduling for robary-wing flights.	In support of the FEMA Administrator, the Department of Defense [DOD] will remporarily detail full-time Federal civilian personnel (to exclude temporary Intes) willing to deploy from a field assignment to supplement DNS/FEMA disaster response and excerve Feffetts in support of response and the Company of	will establish, staff, and operate 1 DoD deployable temporary medical treatment facilities that are equivalent to HHS III facilities, to include 60 bed patient biold, 3 operating beds, and	As requested by and in coordination with FBMA and HAS, 500 Wah as requested by and in coordination with FBMA and HAS, 500 Wah and Has established and the State and seek and the seek as mediant seek to medically treet dissass unforms nice will provide and the coordination with FBMA too will provide a seek as the seek of the seek and the coordination with FBMA too will provide	a Defense Coordinating Officer (DCO), supporting staff element (DCE), and Services' (Army, Navy, Air Force, Marline, and US Coast Guard) Regional and State Emergency Management Offices other isosition to orovide DO's regional knowledge, requirements	As requested by and in coordination with ERAN DOW Will provide a Defense. Coordinating Officer (DOD), supporting staff element (DCE), and Services' (Army, Nawy, Air Force, Marine, and US Coast Glastif Regional and State Finangenty Management Offices or other location; to neyold on Do regional knowledges, residentification.	As requested by and in coordination with FRNA and HHS, DoD will provide 8 EMT Basic staff augmentation to support the local EMS department in St Crois, U.S. Virgin islands. DoD EMT Basic personnel will be dispatched with U.S. Virgin islands Emergency	Medical Services personnel on U.S. Vilini, issued E merenov As directed by and in coordination with FRMA, Dept of Freigy (DOE) will provide appropriate personnel to the NRCC or other facilities in support of FEMA response operations for Hurricane
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áoa	goo	apa	gog	gọq	000	gog	gog	000	00	300
11/01/17	09/26/17	09/26/17	71/32/50	10/06/17	10/05/17	11/01/17	71/0/01	11/01/17	10/22/17	09/23/17
11/01/17	09/26/17	11/92/60	09/26/17	10/06/17	10/05/17	11/01/17	10/07/17	11/01/17	10/22/17	09/23/17
HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA
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0 4340DRVIDOD1902	241771 4340BRVIDOD2000	241671 4340DRVIDOD210D	241819 4340DRVIDOD2200	242942 4340DRVIDOD2300	243007 4340DRVIDOD2400	4340DRVIDOD2401	243436 4340DRV/IODD2500	4340BRVIDOD2501	245343 4340DRVIDOD26DO	241341 4340DRViDOE0100
246230	24177.	241671	241815	242942	243007	246193	243436	246079	245343	241341

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\$52,000	\$245,000	\$125,000	\$1,275,000	\$3,000,000	05	0\$	\$700,000	\$700,000	\$3,000	\$27,000
10/31/2017	1/6/2018	10/31/2017	1/6/2018	10/31/2017	12/1/2017	12/31/2017	11/30/2017	12/31/2017	9/23/2017	10/22/2017
As directed by and in coordination with FEMA, Dept of Energy Vicios will provide appropriate personnel to the NRCC or other facilities in support of FEMA response operations for Hurriane Maria in USVI.	A directed by and in coordination with FEMA, Dept of Energy (DOE) will provide appropriate personnel to the NGC or other facilities in support of FEMA response operations for furriene Maria in USVI.	As directed by and in coordination with FENA. Department of Energy will provide appropriate personnel to the US Virgin Islands to support FENA response operations.	As directed by and in coordination with FEMA, Department of Energy will provide appropriate personnel to the US Virgin Islands to support FEMA response operations.	Activate and deploy the US Department of Energy Western Area Power Admiristation Planning and Response Tean (FRI). Provide emergency power restoration to the US Virgin Islands, adirected by FEMA. All plans of action must be coordinated with the impacted Territory and Rise electric utility. The USSY Water and Activate and epiloy the USS Obsertment of Energy Western Area.	Power Administration Planning and Response Team (PRT), a Provide emergency power restroation to the US Vigin Islands, as directed by FEMA. All plans of action must be coordinated with the impacted by Territory and its electric utility. The USIV Marter and Activate and deploy the USI oppartment of Energy Western Area.	Power Admiration Planting and Response fear (FRT). Provide amergency power restoration to the US Virgin Islands, as directed by FEMA. All plans of action must be coordinated with the innexed of Perinton and its electric utilities. The USIN Water and As directed by and in coordination with FEMA. The USI Water and	Department of Energy (DDE) will provide permanent federal agency personnel (to exclude temporary pines of the other DHS agencies) willing to deploy for a field assignment to supplement DHS/FMA; disaster reasonse and recover efforts.	As directed by and in coordination with ERAA, The US Department of Education will provide permanent Federal agenty personnel (to exclude temporary hires of the other DHS agencies) willing to deploy for a fedel assignment to supplement. DHS/FRAAX, danater resoupes and response and response of the US Virgin DHS/FRAAX, thanker resoupes and response and response.		Fundine for DOI (Florts, if authorised by FRAA, will be anovided As directed by and in coordinates with FRAA, bot will provide appropriate personnel to the NICC, EVAI teams, or other facilities in support of FRAA response operations.
13	12	12	12	12	12	12	ν	'n	non-specific ESF	non-specific ESF
DOE	DOE	DOE	DOE	ğ	DOE	300	DOE	DOED	Θ	IOQ
09/26/17	10/11/17	09/27/17	71/21/01	09/30/17	71/71/01	11/02/17	10/04/17	10/04/17	71/52/0	09/24/17
09/26/17	10/11/17	09/27/17	10/10/17	71/08/60	10/11/11	11/02/17	10/04/17	10/04/17	09/23/17	09/24/17
HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA
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4340DRVIDGE0101	4340DRVIDOE0102	241875 4340DRVIDOE0200	4340DRVIDOE0201	242496 A340DRVIDOE0400	4340DRVIDOE0401	4340DRVIDOE0402	242920 4340DRVIDOE0500	242888 4340DRVIDOED0100	241338 4340DRVIDOI0100	4340DRVIDOI0101
241768	243830	241875	243548	242496	244719	246300	242920	242888	241338	241439

Funding for DOI Efforts, if authorized by FEMA, will be provided

FOS	S SS	FOS	FOS
\$30,000	\$4,000,000	\$3,360,000	\$20,000
10/31/2017 12/31/2017 12/31/2017 10/17/2017	10/17/2017	11/30/2017	10/31/2017
As condinated by EMA, DOI will provide DOT and other federal agencies with rone fight per et wy, from Cot 1st - Cot 31st from either the fixed wing and notary-wing sirrart for assessment of all roads and bridges within the U.S. Virgin Islands. As directed by and in coordination with FEMA, The US Department of the Interior (DOI) will provide permanent federal agency personnel for exclude temporary hirs of the other DMS agencies willing to deploy for a field assignment to supplement As directed by and in coordination with FEMA, The US agencies by and in coordination with FEMA, The US agencies willing to deploy for a field assignment to supplement to Supplement to Substance and receiver federal agency personnel (to exclude temporary hirs of the other DMS agence) willing to deploy for a field assignment to supplement to Supplement to Supplement to Substance by and in coordination with FEMA, The US directed by and in coordination with FEMA, Dept of US virial PLANA, stissate resooned appropriate personnel to St. Thomas and Geoenditures must be coordinated on the PLAS agences and exceed by and in coordination with FEMA, Dept of US virial Planas and St. Crox to support FEMA response operations. All guichasses and secentificues must be exponded to St. Thomas and St. Crox to support FEMA response operations. All purchasses and exceeding the support FEMA response operations.	To alreade by all in local officiallow with refuse, better of the annual control of the	Transportation DOT/MARAD will provide ships as a floating housing facility, billsting, meals, ahipboard support services for Territon/FEMA approved personnel; and such other related services MRADAD and FEMA, fundividen mercesary. As directed by and in coordination with FEMA, The US of Department of Transportation with FEMA, The US of Department of Transportation (OT) will provide personnel Federal agency personnel (to exclude termoprary hirss of the other OMS agencies) willing to deploy for a field assignment to supplement the federal agency personnel willing to deploy for a field assignment to the related in fight and interesting the properties of the related in the federal signment to a field assignment to a field	sasgiment to costs associated with superharding san resources, within USVI to conduct response and recovery activities for Hurricane Maria. Specifically, DOT/FHWA personnel will orrovide Division Office leadershio. conduct initial damase and
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DOI	DQT DOT	T00	100
10/04/17 10/06/17 10/04/17 09/22/17	09/22/17	10/27/17	10/04/17
10/04/17 10/06/17 10/04/17 09/22/17	09/22/17 10/22/17	10/27/17	10/04/17
HURRICANE MARIA HURRICANE MARIA HURRICANE MARIA HURRICANE MARIA	HURRICANE MARIA HURRICANE MARIA	HURRICANE MARIA HURRICANE MARIA	HURRICANE MARIA
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242992 4340DRVIDOI0200 242992 4340DRVIDOI0300 24297 4340DRVIDOS0100 240979 4340DRVIDOT0100 243659 4340DRVIDOT0101	241110 4340DRVIDOT0200 245114 4340DRVIDOT0201	245788 4340DRVIDOT0202 242341 4340DRVIDOT0500	242946 4340DRVIDOT0600

FOS	Fos	FOS	FOS	FOS	FOS	Š	FOS	FOS	FOS	F0.5
\$250,000	\$3,000	\$27,000	\$100,000	\$1,400,000	\$2,100,000	\$1,400,000	\$1,400,000	\$3,000,000	\$2,000,000	\$3,000
11/10/2017	9/23/2017	19/20/2017	11/30/2017	12/31/2017	11/30/2017	12/31/2017	12/31/2017	12/31/2017	12/31/2017	10/23/2017
As requested by and in coordination with FEMA, Dept of Transportation DOT/FTA will determine actual recovery and restoration costs associated with damaged public transportation systems and undertaked earnages assessment and cost validation work for both operatine and capital costs of those systems usina	Activate EFA in coordination with FEMA, to provide appropriate personnel to the FEMA NRCC or other facilities in support of FEMA response operations for Hurtizane Maria in USVI.	Fundine for EPA command center(s), if authorized by EFNA, will feature EPA through EPA in coordination with FENA, to good the appropriate personnel to the FENA NICC or other facilities in support of FENA response operations for furricane Maria in USVI.	Fundine for EPA command centerial, if authorized by EFNA, will Adviset EPA in coordination with FENA, to growdid appropriate personnel to the FINA MRCC or other facilities in support of FENA response operations for furricane Maria in USVI.	Fundine for EPA command center(s), if authorized by EFNAA will set stressed by and in coordination with FEAV. The US as directed by and in coordination with FEAV. The US environmental Frotection Agency (FEA) will provide permanent Federal agency personnel (to exclude temporary hires of the the USA agence) willing to deploy for a flead assignment of 300 objectives and recovery efforts.	perations in the VI to the FEMA NRC, VI 10F/HO, EAR REOCHING EOC, VITEMA EOC, and other coordination venues. This includes activity to prepare for site specific planforms for situational	As directed by and in coordination with EWA. The Federal Aviation Administration (FAA) will provide permanent Federal agency personnel (to exclude temporary hirse of the other DHS agencies) willing to depoy for a field assignment to supplement to MEMERAL Williams and in coordination with FEMA, the DHS Federal Addrected by and in coordination with FEMA, the DHS Federal	Law Enforcement Training Center will provide permanent Federal agency personnel (to exclude temporary hines of the other DMS agencies) willing to deploy for a feld assignment to supplement DMS/FE/MA, so lassyer resoonse and genover, efforts.	Art the direction of and in conclusionation with ErMA, Federal Protective (FPS) will provide appropriate physical security to support response and recovery operations in the State of the US right instance, security of FEMA facilities will be based on FEMA security standards, socially on the State of the US right standards, security of FEMA actilities will be based on FEMA security standards, noticities, and encyclosis.	At the direction of shall modolination with Public Jeach a Protective Service [FES] will provide appropriate physical security to support response and recovery operations in the State of the US fign Islands. Security of EMA Relitless will be based on FRMA security standards, policies, and mortices.	As directed by and in coordination with FBMA, General Services Administration (GSA) will provide appropriate personnel to the FBMA NBCC or other facilities in support of FBMA response operations for Hurricane Maria in USVI.
н	10	10	10	10	10	r i	ιΛ	13	13	7
DOT	EPA	EPA	EPA	EPA	EPA	FAA	FLETC	FPS	FPS	GSA
71/20/01	09/23/17	09/24/17	10/07/17	10/04/17	10/10/17	10/06/17	10/02/17	09/26/17	10/21/17	71/52/50
10/07/17	09/23/17	09/24/17	71/0/01	10/04/17	71/01/01	10/06/17	10/22/17	09/26/17	10/21/17	09/23/17
HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA
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243487 4540DRVIDOT0700	241346 43400RVIEPAQ100	241462 4340DRVIEPA0101	243506 4340DRVIEPA0102	242803 4340DRVIEPA0300	243650 4340DRVIEPA0400	243014 4340DRVFAA0100	242601 4340DRVIFLETC0100	241668 4340DRVIFP50100	24520S 4340DRVIFPS0101	241336 4340DRVIGSA0100

POS	50	DFA	. DFA	DFA	DFA	õ	FOS	FOS	50 S	605
000'05\$	\$1,400,000	\$8,550,000	\$680,000	\$700,000	\$700,000	\$7,106,000	\$10,000	\$2,100,000	\$92,632	\$1,632,920
10/24/2017	12/31/2017	10/5/2017	10/6/2017	11/3/2017	11/30/2017	10/28/2017	10/22/2017	12/31/2017	12/9/2017	11/3/2017
As directed by and in coordination with FBNA, General Services Administration (SSA) will provide appropriate personnel to the FBNA NMCC or other facilities in support of FBMA response operations for furricane Maria in USN.	As directed by and in coordination with FBNA, the General Services Administration (GSA) will provide permanent Federal agency personnel (te exclude remporary histories of the other DHS agencies) willing to deploy for a field assignment to supplement DMIANGEWA'S disaster response and resovery efforts in US Virent DMIANGEWA'S disaster response and resovery efforts in US Virent	For USVI: \$8.55 million 3 each DMATs: \$4.5 million	-1 each Heav IRCT 51.55 million includes all liasons. DMORT the between INFS under a thy ferrore and personnel. For USVI; 88.55 million -3 each DMATs, 54.5 million	- 1 sech Heavy RCT: 51.55 million (includes all liaisons. DMORT Mishow are the Hysfurded activities and personnel. For USVI; 84.55 million - 3 each DMATs; \$4.55 million -	- 1 sech Heav IRCT: 51.55 million lincludes all laisons. DMORT for USVI; 85.55 million - 3 aech DMAR; 56.55 million - 3 aech DMAR; 54.55 million -	- 1 each Heaw IRCT: 51.55 million lindludes all lisioons. DMORT As directed by and in coordination with FRAM, Health & Human Services (HHS) will deploy NDMS Disaster Medical Assistance Team (DMAI), medical response teams, personnel, and equipment to augment State and local medical response	Human Services UND From H4S/ACF requested to ficilitate from the construction of services of services of the construction of services	As directed by and in coordination with FEMA, The US and popartment of Feath and Human Services (HHS) will prompte permanent Federal agency personnel (to exclude temporary hires to the othe DNA Segencies whiting to depoly for a field assignment by supplement DNAFEMA's glassige recopine and recopine	As directed and coordinated by FLMA, HHS and or COC will provide the appropriate personnel to assist the US Virgin Islands with public health related matters. The intall equests is for but to not finited to the following: Work One and Cocceptual and Company of the Company o	In accordance with the WIRF, post detailed actions on the Health and Social Services to Ser to provide federal coordination with the appropriate Recovery Support Function (RSF) primary and support agencies and organizations, as well as other Federal
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GSA	GSA	НН	HHS	H	HHS	HHS	¥	HHS	XHX	ннѕ
09/25/17	10/07/17	09/22/17	09/25/17	10/17/17	11/07/17	09/25/17	09/26/17	10/07/17	10/12/17	10/15/17
09/25/17	10/06/17	09/22/17	09/25/17	71/71/01	71/0/11	09/25/17	09/26/17	10/07/17	10/08/17	10/15/17
HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA	HURRICANE MARIA
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43400RViGSA0101	243000 4340DRVIGSA0200	241056 4340DRVIHHS01.00	4340DRV!HHSD101	4340DRVIHHS0102	4340DRVIHHS0103	241535 4340DRVIHHS0200	241772 4340DRVIHHS0300	243010 4340DRVIHH504D0	243496 4340DRVIHH50500	244544 434DRVIHHS0600
241577	243000	241056	241519	244494	246668	241535	241772	243010	243496	244544

agentiest of particular death and are an included accounts of payment of payment or major disaster under the Stafford Act declared an emergency or major disaster under the Stafford Act Ac directed by and in coordination with FEMA. The National Aeronautics and Space Administration (NASA) will provide permanent Federal agency personnel (to acked) emproyary hires of the other DMS agencies) willing to deploy for a field assignment.	10/27/17 HHS 8 designated digible includious is nareas where the President has declared an energency or major disaster under the Saldord Act. A directed by and in coordination with EMA. The National Aeronautics and Space Administration (NASA) will provide premanent Selecial agency personnel (to adold temporaty hires of the other DHS agencies) willing to deploy for a field assignment of the other DHS agencies) willing to deploy for a field assignment.
	NASA S
ther lo espans is direct Commercial	NCS 2
esponse o o support slanning at equests gr slanning co	To support PIRM LSW Critical Infrastructure Plan for recovery planning and resource estimation of communications. This requests grows out of the meeting with critical infrastructure planning confidentiation by the Damong ento in 10/12/17 at FERNA Planning ENTO
s directe Atmosp nay inclu nd distril nd/or Lis s directe	As directed by and in coordination with FEMA, National Oceanic & Armosopheric Administration (NOAA) will provide support which NOAA 5 may include, but is not limited to solidy collecting, processing, and distributing high resolution, geo-rectified aerial imagery and distributing high resolution, geo-rectified aerial imagery As directed by and in coordination with FEMA, The Department
of Hame Sirector sersonn villing to	of Homeland Security (DHS)/National Protection & Programs 10/04/17 NPPD 5 Directorate (PubPD) will proude permanent feeder all agencies) personnel (to exclude temporary hires of the other DHS agencies) willing to deloude yor a find assignment to subspinnent. As directed by and in coordination with FEMA, NPS will proude
ppropr Coordina Coordina (RCC, IN	9 paropriate personnel to support the Federal Search and Rescue Coordination Stope (SARAGE), providing parties and Accordination strong (SARAGE), providing parties and Accordination assistance to ES+9 Search and Rescue at NRCC, RRC, INAN, I/O, or other entitles and facilities in support Of RRC, INAN, I/O, or other entitles and facilities in support Of
As direct Regulato Agency p Agencies DHS/FEN	As directed by and in consolvation with RAM, The US Nuclear Regulatory Commission (NRG) will provide permanent Federal 10/06/17 NRC 5 agency personnel (to exclude temporary hires of the other DNS agency personnel (to exclude temporary hires of the other DNS agencies) willing to adole for a field assignment to supplement DNS/FEMA's disaster resoons and recovery effort in US Vienn
As direct science f sersonn villing to OHS/FEA	As directed by and in coordination with EMA, The National As directed by and in coordination with EMA, The National 20/2017 NSF Springer Foundation (NSF) will provide permanent federal agencies) personnel (to exclude temporary hires of the other DMS agencies) willing to otherly for a field assignment to applement DMS/FMA/s dissign reasonare and recogning regions in 19, Vienin DMS/FMA/s dissign reasonare and recogning regions in 19, Vienin
As directed by and in coordination with FLMA, The US Uffice of Personnel Management (OPM) will provide permanent federal agency personnel (to exclude temporary hires of the other OPM) agencies) willing to deploy for a field assignment to supplement	19/07/17 OPM 5 agency personnel floated temploary face of the other bills.

FOS FOS	FOS	FOS	FOS	F0S	F0S	50S 63	
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Post-Hearing Questions for the Record Submitted to the Honorable Brock Long From Senator Heidi Heitkamp

"2017 Hurricane Season: Oversight of the Federal Response" October 31, 2017

Question#:	1
Topic:	Multi-Disciplined Integration Teams
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Heidi Heitkamp
Committee:	HOMELAND SECURITY (SENATE)

Question: During the hearing, you reaffirmed your interest to embed multi-disciplined integration teams in state agencies to enhance planning, integration, increase customer service, speed up the approval process, and double down on communications. I remember that during your confirmation hearing, you had noted you would like to work with state and tribal partners to design a scaled team concept that can support all facets of pre-disaster technical assistance needs, and initial response and recovery liaison support. You specifically noted that you would like to explore the possibility of a pilot program that would move existing staff out of headquarters and regional offices into state and tribal emergency management agencies to support active emergency operations planning, training, and exercise efforts, to expedite mitigation plan approval processes, and to provide onsite response and recovery technical expertise help with both pre-disaster plan development, and real-time operational support should the partner agency be impacted by a disaster.

Since your confirmation, what steps has FEMA taken to examine the feasibility of multidisciplined integration teams? Do you have any preliminary findings?

What steps, if any, should Congress take to support FEMA in its assessment of multidisciplined integration teams?

Response: FEMA continuously enhances programs and services to strengthen the capabilities of state and tribal emergency management agencies. FEMA is considering plans to enhance the Agency's efficiency of program delivery to states, tribes and territories (STT). This initiative is being led by FEMA Regional Administrators with support from program leadership at FEMA Headquarters. At this time, FEMA does not have preliminary findings to report, as the initiative is still being thought through and has not yet been discussed with the Department.

Question#:	2
Topic:	Disaster Reservists
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Heidi Heitkamp
Committee:	HOMELAND SECURITY (SENATE)

Question: During the hearing, you expressed frustration with FEMA's hiring processes, and you noted that you would like to reform the way FEMA hires personnel and maintains and utilizes its disaster reservists, which are critically important to carrying out FEMA's mission.

From your perspective, under the current structure, what are the major issues with the way FEMA maintains and utilizes disaster reservists?

Where do you see room for improvement, and what role, if any, should Congress play to address these issues?

Response: FEMA's success is dependent on its intermittent workforce which makes up 34% of the total workforce, approximately 7,000 intermittent employees out of 21,000 total employees. The crux of what makes this workforce unique and difficult to maintain is the unpredictability of the work in combination of the position's intermittent schedule. A FEMA Reservist must commit to working on an on-call basis. Also, a Reservist must be available to travel within 48 hours of a deployment order and be deployed for 30 days or more to potentially austere environments.

FEMA implemented multiple initiatives to address the recruitment, retention, and availability of Reservists. FEMA continues to assess its workforce and its ability to hire and retain qualified personnel and looks forward to working with the Congress on potential options to address these issues.

Question#:	3
Topic:	Academy-Style Hiring Model
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Heidi Heitkamp
Committee:	HOMELAND SECURITY (SENATE)
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Question: You also expressed interest in establishing an academy-style hiring model within FEMA that would provide comprehensive training to personnel.

Could you briefly elaborate on what this model should entail, and what steps, if any, Congress should take to help FEMA examine this idea?

Response: FEMA is still developing the Agency's approach to implementing an academy-style approach to hiring and training. We look forward to sharing the details of this approach with the Committee at future date.

Question#:	4
Topic:	Survivable Communications System
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Heidi Heitkamp
Committee:	HOMELAND SECURITY (SENATE)

Question: During the hearing, you discussed the importance of having redundant and mitigated survivable communications systems that are designed to handle all hazards. You noted that the private sector would play an important role in this regard.

Could you briefly discuss the major issues and capability gaps that need to be addressed when it comes to survivable communications?

Response: The primary communications infrastructure used by Federal, State, Tribal, Tcrritorial, and local (FSLTT) responders for incident response and recovery is Land Mobile Radio (LMR). When LMR fails as was the case during the category 5 hurricane in Puerto Rico, responders have to rely on backup communications systems such as commercial satellite and cellular systems. Unfortunately many FSLTT responders don't have the funding resources for backup communications. It is imperative that FSLTTs work with the private sector to address these critical communications issues.

Question: What role do you see the private sector playing in providing survivable communications?

Response: To augment and provide backup to Land Mobile Radio (LMR) systems, FEMA will leverage multiple satellite and cellular communications means and modes available from the commercial marketplace to provide cost effective, robust, and flexible broadband communications capabilities post-incident. Proper leveraging of these commercial markets provides the greatest potential for ensured, cost-effective communications restoration and support. Additionally, wireless service providers nationwide must work diligently to improve transparency and address resiliency of the private sector wireless communications infrastructure. Improvements are possible by promoting availability of wireless mobile services during natural disasters and other emergencies; increasing provider transparency; aggregating surviving commercial infrastructure; and working closely with Emergency Support Function #2 (Communications) for delivery of bulk communications services and capabilities when and where needed. The desired outcome is hastily formed ad-hoc communications service providers willing to collaborate to share information, provide wireless communications networks using contingency resources (e.g. cell-on-wheels, emergency power) in sufficient quantities that meet the immediate needs of State, Tribal, Territorial, and local Governments/survivors under all-hazards austere conditions. DHS and FEMA continue to undertake significant efforts to identify gaps and challenges that hinder reestablishment of emergency communications during catastrophic events.

Question#:	4
Topic:	Survivable Communications System
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Heidi Heitkamp
Committee:	HOMELAND SECURITY (SENATE)

Question: Moving forward, what steps will FEMA take to address these issues?

Response: Obtaining robust emergency communications capabilities across jurisdictions impacted by catastrophic disasters requires: primary, alternate, contingency, and emergency communications plans; Emergency Mutual Aid Compact relationships; common planning and operational protocols; technology standards that are in place and emerging technologies that are leveraged; and, finally, resilient wireline and wireless emergency communications infrastructures and services.

To adequately react to the destruction, disruption, or overload of communications capabilities, agencies must proactively develop logistics continuity plans that consider distance and geography; prepositioning and rapid movement of responding Government and private sector deployable communications equipment; and participation in training and exercises that include disaster communications-response scenarios.

Additional steps includes leveraging existing and emerging technologies to expand and integrate disaster communications capabilities among emergency response providers. In accordance with the 2014 National Emergency Communications Plan (NECP), DHS is assisting states assess and address the survivability, sustainability, operability, and interoperability of emergency communications systems at all levels of Government.

Finally, State Emergency Communication Plan Annexes coordination through the Regional Emergency Communications Coordination Working Group (RECCWGs) process should be continued. These Annexes allow FEMA to better understand State and local communications systems, capabilities, and requirements; improve familiarity with critical State and local organizations; and enable FEMA to be further prepared to meet potential requests from the State during an incident. State Annexes identify resources that States may request from the Federal Government during a catastrophic event to support emergency responders in seven mission operations areas (command and control, evacuation, sheltering, search and rescue, commodities, debris removal, and medical) immediately prior to or in the first 96 hours following an incident. The State Annexes describe the primary and backup communications resources used by Federal, State, local, and tribal responders for tactical and operational purposes.

Post-Hearing Questions for the Record Submitted to the Honorable Brock Long From Senator Gary Peters

"2017 Hurricane Season: Oversight of the Federal Response" October 31, 2017

Question#:	5
Topic:	Unified Federal Review
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Gary Peters
Committee:	HOMELAND SECURITY (SENATE)

Question: Has FEMA engaged with other federal agencies like HUD, DOT, and EPA to establish standards for a unified federal review, which would get one set of rules established instead of each agency having separate requirements? This was done after Sandy in regards to environmental reviews and helped ensure applicants were not bombarded with different requirements every time another agency provided assistance. Would FEMA recommend that Congress include this directive in future legislation?

Response: To date, FEMA has worked with several other federal agency partners including HUD, DOT, and EPA to establish an expedited and unified interagency review process to ensure compliance with environmental and historic preservation (EHP) requirements under federal law relevant to disaster recovery projects. The requirement for this work was established through legislative mandate by the Sandy Recovery Improvement Act of 2013 (SRIA), which amended the Robert T. Stafford Disaster Relief and Emergency Assistance Act by adding Section 429, directing the creation of the Unified Federal Review (UFR). The UFR was memorialized through an interagency MOU by eleven departments and agencies (including HUD, DOT, and EPA) on July 29, 2014, and commits all parties to providing staff and resources to support the UFR process; distributing and using the tools and mechanisms; and providing lessons learned and training to staff. In addition, the MOU established an issue elevation process, to be followed as appropriate, to quickly resolve any issues or disputes that arise during the EHP review of a disaster recovery project. FEMA, in conjunction with DHS, CEQ and ACHP, continue to lead the implementation of the UFR.

SRIA did not require agencies to establish one set of rules, rather, it established a framework premised upon leveraging each agency's authorities and compliance processes to create efficiencies and streamlining when completing EHP reviews during disaster recovery. The UFR promotes enhanced coordination and collaboration between federal agencies, resulting in streamlined, unified, and expedited approaches to EHP

Question#:	5
 Topic:	Unified Federal Review
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
 Primary:	The Honorable Gary Peters
Committee:	HOMELAND SECURITY (SENATE)

review. Furthermore, the UFR process actively utilizes interagency coordination to identify opportunities to reduce duplication of effort between federal agencies, and to minimize process redundancies wherever possible to ease burden on the disaster survivors. The UFR was constructed in a manner to which it can be flexibly applied to the unique needs of each disaster recovery mission, regardless of disaster type, geographic location, or complexity. Best practices and suecesses are captured and documented to be applied in future disasters within other regions or agencies.

A particular example of the UFR's implementation was highlighted following the Presidentially-declared flooding disasters in Louisiana during calendar year 2016. During these disasters FEMA activated and deployed a UFR Advisor to provide support to the recovery mission. FEMA's UFR Advisor developed networks and processes with federal and state interagency partners in Louisiana, and then utilized these partnerships to significantly expedite and simplify the EHP compliance review process associated with the disaster housing mission. Through partnership and coordination with the US Army Corps of Engineers and the Louisiana State Historic Preservation Office, FEMA was able to streamline and reduce the time to develop an Environmental Assessments (EA) for the placement of a manufactured housing units (MHU) to a 14 day period. The total time required to complete an EA usually averages 13-43 weeks. In this case, FEMA's implementation of the UFR resulted in major time savings (approximately 11-41 weeks saved per EA) for the placement of the 4,000 MHU utilized by disaster survivors. This also resulted in a significant reduction in labor hours, which correlates to cost savings both within FEMA and across the other federal agencies involved in the disaster housing mission. This best practice was captured and reapplied at subsequent disasters since the Louisiana 2016 flood events, including Hurricane Harvey (Texas) and Hurricane Irma (Florida) with repeatable results.

FEMA does not recommend further Congressional directive because it would likely be duplicative with existing legislative mandates and because there are already mechanisms and regulations that allow for interagency coordination and adoption of other federal agency analyses. In addition, Section 102 of NEPA and its implementing regulations at 40 CFR Part 1507.3 require each agency to promulgate its own implementing regulations tailored to its authorities. FEMA must also comply with DHS's implementation of NEPA which is captured in Directive 023-01 and Instruction Manual 023-01-001-01, Revision 01. This would pose a challenge to creating one set of rules for agencies with disparate authorities. However UFR pushed agencies to take advantage of time saving measures as much as possible and those efforts have been successful. Therefore, FEMA would not recommend the establishment of one set of rules for various agencies at this time.

Question#:	6
Topic:	Funding Issues
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Gary Peters
Committee:	HOMELAND SECURITY (SENATE)

Question: It may be difficult for localities to make plans for long-term investments in sustainable recovery projects without knowing the amount of funding that will be available to them. To help address this issue, will FEMA and coordinating agencies modify timelines to allow the near-term CDBG projects to reflect sustainable mitigation strategies that traditionally cover projects under separate funding? Is there a way to use a quicker lock in number for Public Assistance, at least for the interim, so Hazard Mitigation Grant Program funds can begin to flow faster?

Response: We do not recommend a full lock-in prior to 12 months from date of declaration. Program estimates driving the calculations are not stable enough to accurately reflect estimated costs prior to 12 months. Limiting obligations to not exceed 75% of any current estimate prior to 12 months, reduces the risk to tax payers and the Disaster Relief Fund from over calculating Hazard Mitigation ceiling amounts. FEMA cannot provide information about the HUD's CDBG program and suggests phase II of this QFR be redirected to HUD for their input.

Question#:	7
Topic:	Plan Development
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Gary Peters
Committee:	HOMELAND SECURITY (SENATE)

Question: Leadership in Puerto Rico is responsible for drafting an action plan that directs its eventual CDBG-DR funding. The longer it takes to develop that plan, the longer it will be before the funding arrives. What is FEMA doing to ensure that leadership in Puerto Rico is aware of the options available to the territory? Has the Federal Coordinating Officer and his staff been empowered to provide technical assistance or are there others on the ground to do this? Is FEMA actively assisting leadership in Puerto Rico in developing its action plan?

Response: Puerto Rico is responsible for developing and submitting their CDBG-DR action plan, and it is outside of FEMA's scope to directly engage in that process. However, we are actively assisting in harmonizing the various planning efforts. The Joint Field Office in Puerto Rieo has established an interagency staffing organization that is studying the damages caused by the recent hurricanes across the Recovery Support Functions and, in conjunction with representatives of the Government of Puerto Rico, will develop a strategy outlining federal, state, local and other resources, in support of a resilient recovery. The Federal Coordinating Officer has mission assigned representatives from HUD and other Federal Agencies to lead working groups focused on long term recovery plans for Housing, Infrastructure, Energy, Health and Human Services, Community Planning and Capacity Building, Natural and Cultural Resources and Economic sectors. These working groups are being advised by technical, scientific and where applicable private sector experts with the goal of developing desired recovery end states that the variety of resources can be applied to. The Government of Puerto Rico is represented in each of these groups and has significant input to the development and achievement of these goals. This effort has begun in earnest with the forming of the aforementioned groups and recent organizational meetings.

Question#:	8
Topic:	Temporary Housing
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Gary Peters
Committee:	HOMELAND SECURITY (SENATE)

Question: Concerns have been registered about the availability of temporary housing in areas hit by the hurricanes. What is being done about this? Will FEMA provide trailers for those in need of temporary housing in Texas, Florida, Puerto Rico, or Virgin Islands? Why or why not?

Response: In order to best meet the demand for safe, livable housing, FEMA is working directly with each state or territory to make use of the full range of emergency shelter, temporary housing, and permanent housing construction options that best meet the needs of residents impacted by these disasters. These options include:

Emergency Sheltering Options

Transitional Sheltering Assistance (TSA) – Direct Assistance to Disaster Survivors:

- The Transitional Sheltering Assistance program allows eligible applicants to shelter in a hotel or motel, for a limited period of time, as a bridge to intermediate and longer-term housing.
- The cost of the room and taxes is covered by the Government of the affected state
 or territory, subject to a cost share, and FEMA. Incidental room charges or
 amenities such as telephone, room service, food, etc. are not covered and are the
 responsibility of the disaster survivor.
- FEMA has approved TSA in Texas, Florida, Puerto Rico, and California.
 The USVI has not requested TSA.

Sheltering and Temporary Essential Power (STEP) Pilot Program:

- STEP is a form of assistance that reimburses an affected state or territory for the
 costs to perform minor emergency repairs in single-family owner-occupied
 residences to enable residents to shelter in place until more permanent repairs can
 be made.
- Eligible emergency work under STEP is capped at \$20,000 in Texas, Florida, and
 Puerto Rico and at \$25,000 for the USVI. FEMA may waive the cap on a caseby-case basis for owner-occupants with access and functional needs or, in some
 jurisdictions, if the state or territory documents unforeseen or extraordinary
 circumstances after work commences that justify a reasonable increase in costs
 associated with work necessary to make a home safe for sheltering purposes.
- FEMA has approved STEP in Texas, Florida, Puerto Rico, and the USVI.

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o For the first time under this program, FEMA included a provision with the STEP program for Puerto Rico, otherwise known as "Tu Hogar Renace (Your Home Reborn)," authorizing generators to be provided when needed to address the prolonged timeframe that many residents will be without power.

Blue Roof Program:

- Operation Blue Roof, managed by the U.S. Army Corps of Engineers, provides a
 temporary covering over the damaged roof. The reinforced blue plastic sheeting
 is secured to the roof using strips of wood and nails or screws, to help reduce
 further damage to property until permanent repairs can be made.
- FEMA has approved the Blue Roof Program in Florida, Puerto Rico, and the USVI.

Temporary Housing Options

Multi-Family Lease and Repair (MLR):

- FEMA may enter into lease agreements with owners of existing multi-family housing to make repairs or improvements, in order to make these housing units available directly to eligible applicants to use as temporary housing.
- The Stafford Act requires the value of the repairs and improvements FEMA may
 provide to not exceed the value of the lease agreement.
- FEMA has approved MLR for use in Texas, Florida, Puerto Rico, the USVI, and California.

Direct Lease:

- FEMA may enter into lease agreements with owners of existing rental property and make them available directly to eligible applicants for use as temporary housing.
- FEMA has approved Direct Lease for use in Texas, Florida, Puerto Rico, the USVI, and California.

Manufactured Housing Units (MHUs) and Recreation Vehicles (RVs):

 FEMA MHUs are constructed and installed in compliance with HUD standards for manufactured housing construction and installation. FEMA MHUs are

Question#:	8
Topic:	Temporary Housing
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Gary Peters
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available in 1, 2, and 3 bedroom models based upon the size of the eligible household, and are also available in accessible models that comply with Uniform Federal Accessibility Standards.

- RVs provided by FEMA are travel trailers certified by the Recreation Vehicle Industry Association (RVIA). FEMA generally provides RVs to households who expect to complete their repairs or obtain other permanent housing in six months or less.
- Approved sites must meet federal floodplain management and Environmental and Historic Preservation requirements. FEMA selects locations based on the costeffectiveness, timeliness, and suitability of each potential site.
- FEMA has approved MHUs and RVs for use in Texas, Florida, and California.
- MHUs and RVs have not been approved for Puerto Rico or the USVI because transporting these types of units to these territories is cost prohibitive due to distance, terrain, and time delays associated with transporting them by sea from the continental United States.

Permanent Housing Construction (PHC) Options:

- FEMA may provide assistance to individuals and households to construct
 permanent or semi-permanent housing in insular areas outside the continental
 U.S. and in other locations where no alternative housing resources are available,
 and other types of Temporary Housing Assistance are unavailable, infeasible or
 not cost-effective.
- FEMA may only provide PHC to uninsured homeowners. Applicants who have accepted a real property loan from the U.S. Small Business Administration (SBA) are not eligible for PHC.
- Applicants who receive PHC are not eligible for additional FEMA Housing Assistance, including continued rental assistance, repair, and replacement assistance and must return any financial assistance for repair or replacement assistance previously provided by FEMA.
- PHC assistance may be provided in the form of repairs or new home construction.
 FEMA will prioritize the use of PHC to repair existing homes before constructing new homes.

PHC-Repair:

 FEMA may provide PHC-Repairs to applicants whose pre-disaster homes can be repaired within 90 days from the date work begins and within the cost limits FEMA has established for the disaster based on real property line item pricing.

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Topic:	Temporary Housing
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Gary Peters
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- PHC-Repairs limited to real property components eligible under FEMA Housing Assistance and must be made using materials of average quality for the lowest price (builder grade), taking into consideration the accessibility needs of the occupant.
- FEMA has approved PHC-Repairs for use in Texas, Puerto Rico, and the USVI.
 - PHC-Repair labor and materials costs for Texas and Puerto Rico are capped at \$60,000.
 - o PHC-Repair labor and materials costs for the USVI are capped at \$75,000.

PHC-New Construction:

- FEMA may provide PHC-New Construction when it has been determined that the pre-disaster residence has been destroyed or when the pre-disaster residence is repairable but FEMA has determined new construction is more cost-effective than repair.
- FEMA is currently performing a comparative analysis of the available construction options, including the cost, speed, and feasibility of each option for Puerto Rico and the USVI.

We are also assessing hazard mitigation measures and construction methods demonstrated to be more resilient during the recent Hurricanes in order to provide the safest housing for disaster survivors while protecting the Federal Government's investment in housing construction

Questi	t: 9
To	:: Surge Capacity Force
Hear	2017 Hurricane Season: Oversight of the Federal Response
Prim	7: The Honorable Gary Peters
Commi	: HOMELAND SECURITY (SENATE)

Question: In the aftermath of a catastrophic event, the Department of Homeland Security (DHS) turns to its Surge Capacity Force. Is this enough? Did FEMA have enough responders and relief coordinators for Harvey, Irma and Maria? In the future, what is the plan for ensuring force multipliers exist? What would happen today if yet another event occurred?

Response: FEMA established a standard structure for organizing, deploying, and coordinating a skilled workforce of federal personnel to incidents requiring federal support as well as the responsibilities assigned to the Department of Homeland Security. DHS activates and mobilizes this workforce, composed of intermittent as well as full-time employees, and, when needed, the Surge Capacity Force (SCF). DHS is authorized, through the SCF Program, to organize and roster volunteers across both the Department and the entire federal workforce when response efforts are of such a magnitude that force multipliers are required. FEMA also worked on the creation of a DoD backstop plan that could be used to respond to another disaster after Hurricane Maria. This backstop plan was based off the force package and force modules used as baselines for response efforts to Harvey, Irma, and Maria.

FEMA coordinated concurrent response and relief operations for Harvey, Irma, and Maria, and was only able to effectively do so by activating the SCF to supplement FEMA's workforce. FEMA has deployed more than 3,900 SCF volunteers to support FEMA operations throughout the U.S. and its territories. FEMA is actively working to appropriately document the deployment experience of these volunteers to utilize for future deployments.

In addition to continuing deployment of federal personnel, FEMA has also expanded its options for force multipliers to include State and Local Government volunteers. This added coordination will help to bolster FEMA's supplemental workforce.

Question#:	10
Topic:	Social Media Use
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Gary Peters
Committee:	HOMELAND SECURITY (SENATE)

Question: Hurricane Harvey exposed some of the shortcomings of our traditional emergency response solutions. 9-1-1 call centers became overwhelmed, and the Coast Guard opened more phone lines, but it still wasn't enough. People ended up taking to social media to ask for help and also provided images of what they were seeing. Some citizens formed Facebook groups dedicated to civilian rescue efforts. Coast Guard Academy cadets in Connecticut even participated in the Texas response by collecting and organizing social media data and sending it to those who were running search and rescue operations.

It seems that social media could be utilized better in disaster situations. What will be done in the future to make sure that we expand our capacity to handle phone calls and/or use other methods for the public to contact emergency responders?

Do you see a need for a national social media guide for emergencies, and if so, what can we expect to change in the future?

Response: Social media in and of itself is not the solution and should be treated as a tool to facilitate communication for assistance. It needs to be integrated into the larger system that already exists, along with continuing to leverage new technology.

FEMA uses social media as a platform to communicate with the public about important life-safety information before and during a disaster, dispel rumors, and to publicize FEMA programs, and provide information regarding recovery assistance. FEMA also uses the platform to answer questions from the public. FEMA uses social listening to monitor for rumors and to tailor messages to the public.

To use social media to facilitate 9-1-1 calls or emergency response would require integration with dispatchers and emergency managers at the local level who coordinate search and rescue efforts. Challenges include the high risk of missing pleas for help over Twitter and other platforms, and addressing requests for assistance that responders have already coordinated.

Key aspects for considering operational use of social media are:

- providing locations (such as a Facebook page) where people can report their need,
- staff to monitor the page and respond.

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Topic:	Social Media Use
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Primary:	The Honorable Gary Peters
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Management of such an operation would need to integrate the work (people who monitor the page, people who map the locations, and operations personnel who prioritize resources).

The 2014 Using Social Media for Enhanced Situational Awareness and Decision Support, compiled by the Virtual Social Media Working Group and DHS First Responders Group, outlines several areas of future research. https://www.dhs.gov/sites/default/files/publications/Using%20Social%20Media%20for%20Enhanced%20Situational%20Awareness%20and%20Decision%20Support.pdf

Question#:	11
Topic:	Relaying Documentation and Reporting Requirements
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Gary Peters
Committee:	HOMELAND SECURITY (SENATE)

Question: FEMA OIG recently recommended that Congress deobligate \$2 billion designated for infrastructure recovery work in New Orleans after Katrina. The OIG did not find sufficient documentation for the city's claims that the roads were damaged primarily by the flooding and may have been in poor condition prior to the flooding. Pursuing the clawback of funds years after an event creates a second disaster for those devastated communities, which should be prevented if at all possible.

How is FEMA relaying documentation and reporting requirements to localities affected by these hurricanes to prevent a scenario similar to this one in New Orleans?

Response: The Public Assistance Program (PA) relays documentation and reporting requirements in a variety of ways. During the first substantive meeting between an applicant and FEMA (Recovery Scoping Meetings) applicants are informed of program eligibility criteria and requirements. These requirements are also relayed to the State who works with the applicant to ensure documentation and reporting requirements are met. To further aid applicants and the State in understanding the policies and requirements of the program, PA publishes its Public Assistance Policy and Program Guide. This comprehensive policy guidance document relays information on all program requirements including associated documentation and reporting requirements. It is available to the applicants via FEMA's public facing website where PA encourages applicants to go to access and review all pertinent program information.

Additionally, in response to the resent disaster events PA has issued both program wide and disaster specific guidance. This guidance was issued in the form of Fact Sheets and memoranda with the intent of informing applicants and the State of certain program policies and their associated requirements as they relate to activities known in previous disasters to be problematic for applicants. This information covers topics such as submerged roads, federal procurement requirements, debris removal from private property, etc.

Question: Has FEMA determined that some documentation and reporting requirements can be waived in light of the extreme circumstances of these events? If so, what requirements have been waived or relaxed?

Response: In response to the severity of the recent disaster events, PA waived the preapproval process for conducting debris removal from private property. The eligibility documentation requirements remain but to assist in expediting the recovery process applicants do not have to seek FEMA approval prior to conducting removal activities.

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PA is also currently reviewing a list of regulatory waivers provided by the Office of Management and Budget for applicability to PA program activities. If any such waivers are found to be applicable and appropriate to PA program activities, applicants will be notified.

Question: Has FEMA or the OIG proactively deployed Procurement Disaster Assistance Teams (PDAT) or other oversight capacity to help Puerto Rico manage these substantial challenges?

Response: FEMA is providing federal procurement requirement support to Puerto Rico via issuance of guidance and FEMA Procurement Disaster Assistance Team support both in the field and from HQ. FEMA Regional Counsel is also providing direct assistance with any and all procurement related questions and issues arising in PR.

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Available Assistance
2017 Hurricane Season: Oversight of the Federal Response
The Honorable Gary Peters
HOMELAND SECURITY (SENATE)
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Question: FEMA assists those in need using a number of programs that work in concert with insurance policies, state and local assistance, and funding from voluntary organizations. All disaster survivors must apply for SBA loans before applying for FEMA dollars but assistance is capped under the Individual Assistance Program at \$34,000. There is often a significant unmet need that must be addressed. What assistance is available to victims of the hurricanes who incur damages greater than the maximum allowance under the Individuals and Households Program and who also don't qualify for SBA loans?

Response: After a disaster, recovery assistance may be provided by the Federal Emergency Management Agency (FEMA); the Small Business Administration (SBA); HUD; private insurance; the National Flood Insurance Program (NFIP); state, tribal, and local Governments; and voluntary organizations.

By law, FEMA's Individuals and Households (IHP) assistance is capped at \$33,300 for FY2017 and \$34,000 for FY2018, and is adjusted annually based on the Consumer Price Index. FEMA may offer financial assistance grants up to this amount for people who are under-insured or have under-insured losses.

IHP is not a substitute for insurance and cannot compensate for all losses caused by a disaster; it is intended to meet basic needs and supplement disaster recovery efforts. The SBA offers low-interest, long-term federal loans available to homeowners, renters, and businesses who have had uncompensated damage as a result of a disaster. Those with unmet needs beyond what is available within the scope of IHP and the SBA, may be able to receive assistance through HUD, NFIP (if the homeowner had an active flood insurance policy), small volunteer organizations active in disaster, State, tribal, or local Government programs and services.

Question#:	13
Topic:	CDBG-DR Funding
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Gary Peters
Committee:	HOMELAND SECURITY (SENATE)

Question: CDBG-DR funding often lags behind these initial injects of funds by months or years since states and territories must first get action plans approved. Would survivors in need have to wait for CDBG-DR funding to be approved or are there more immediate options?

Response: FEMA does not have expertise in this subject and defers to HUD.

Question#:	14
Topic:	Funeral Home Cremations
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Gary Peters
Committee:	HOMELAND SECURITY (SENATE)

Question: If funeral homes in Puerto Rico cremate the bodies of the deceased without properly recording the deaths, as has been reported, will the families of the deceased run the risk of being ineligible for Individual Assistance to help pay for the costs of the cremation and funeral services? Also, what measures are being taken to ensure that the identities of those who are cremated aren't subsequently used improperly to commit fraud?

Response: FEMA may provide financial assistance for disaster-caused funeral expenses. In order to receive this assistance, the applicant must submit the necessary documents including, proof the death was directly or indirectly caused by the disaster. This evidence must be in the form of a statement from a licensed medical official, who attributes the death as being directly or indirectly caused by a disaster. Applicants who fail to provide such proof will not be eligible for FEMA Funeral Assistance.

Rumors of deceased Puerto Ricans being cremated without proper recordkeeping may lead to potential fraud attempts, including identity theft. As with any disaster, the risk of identity theft and fraud is a possibility.

For this reason, FEMA has identity verification processes in place, to include a cross-reference with the Social Security Death Index, as well as identity verification during onsite inspections.

For anyone who wishes to report potential fraud involving a living or deceased citizen, they may contact the Department of Homeland Security Office of Inspector General:

- o By phone at (800)323-8603, TTY (844)889-4357
- Online at http://www.oig.dhs.gov
- o Faxed to (202)254-4297
- Mailed to:
 DHS Office of Inspector General
 245 Murray Drive SW
 Washington DC 20528

Post-Hearing Questions for the Record Submitted to the Honorable Brock Long From Senator Kamala Harris

"2017 Hurricane Season: Oversight of the Federal Response" October 31, 2017

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October 27th Letter
2017 Hurricane Season: Oversight of the Federal Response
The Honorable Kamala D. Harris
HOMELAND SECURITY (SENATE)

Question: On October 27th, a number of my colleagues and I sent a letter asking for information on the brewing public health and environmental crisis in Puerto Rico caused by debris and overflowing landfills.

What is the status of the response to that letter?

Response: FEMA is currently in the process of finalizing our response to the letter. I anticipate you receiving the response soon.

Question#:	16
Topic:	Debris Removal Timeline
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Kamala D. Harris
Committee:	HOMELAND SECURITY (SENATE)

Question: What is the timeline for debris removal from Puerto Rico and the U.S. Virgin Islands?

Response: As of January 31, 2018, in Puerto Rico, the United State Army Corps of Engineers (USACE) has been tasked with removal of 3.9 million cubic yards of debris. As of January 31, 2018, approximately 2.75 million cubic yards has been removed. The USACE debris removal mission is approximately 70 percent complete and is projecting to be 100 percent complete with hauling by the end of March 2018. Thereafter, the mission will be focused on reduction and final disposal of the vegetative debris. This is projected to be completed by the end of June 2018. In addition, in excess of thirty (30) miles of emergency road clearance has been accomplished.

Question#:	17
Topic:	Accurate Death Toll
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Kamala D. Harris
Committee:	HOMELAND SECURITY (SENATE)

Question: How is FEMA working to ensure that there is accurate data on the death toll from Hurricanes Irma and Maria, including those deaths caused by secondary causes such as inadequate resources, access to medical care, and disease?

Response: Officials in Puerto Rico are working diligently to be sure the territory has accurate records of people who passed away directly or indirectly due to the storm. However, it is important to note that there are no federal regulations governing how a state or territory determines cause of death and while every state and territory has its own process, they all allow a high degree of latitude to the physician making the final determination.

Question#:	18
Topic:	Contaminated Water
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Kamala D. Harris
Committee:	HOMELAND SECURITY (SENATE)
	Topic: Hearing: Primary:

Question: What is FEMA doing to ensure that residents are not drinking from Superfund and other contaminated sites, such as brownfields?

Response: Early reports of people drinking water from contaminated wells at Superfund sites were incorrect. For Superfund sites where there is demonstrated contamination of drinking water wells, EPA works with the utility and the local health department or relevant regulatory agency (in the case of Puerto Rico, the regulatory agency is the Puerto Rico Department of Health and the utility is the Puerto Rico Aqueduct and Sewer Authority (PRASA)) to ensure that they are no longer used. After Hurricane Maria, EPA assessed its Superfund sites, as well as those under the Superfund short-term cleanup program, called the Superfund removal program. Sites considered "Brownfields," are generally prescreened for groundwater contamination, and if groundwater contamination is a concern, the site is either handled under a cleanup program other than Brownfields or control measures such as fencing & signage, physical barriers would be immediately put into place. EPA contractors assessed all brownfields sites in Puerto Rico and the USVI.

The Dorado Groundwater Contamination Superfund site was the only site in the Caribbean within which people were getting water; however, they were not getting water from the contaminated wells, but rather from spigots located near those wells. The confusion about the Dorado Superfund Site was understandable, because of the location of the spigots near some of the contaminated wells. These spigots are distinct from the wells themselves, and do not draw water from those wells. They instead draw water from a treated water system. However, to be absolutely certain, the EPA took samples from these spigots, as well as from the spigots at two other wells that are used intermittently by PRASA to provide water, and which are located within the wide perimeter of the site. The two wells intermittently used for drinking water are tested regularly by the Puerto Rico Department of Health and Puerto Rico Aqueduct and Sewer Authority (PRASA) and have met drinking water standards. With respect to the EPA samples, validated results so far confirm that the water from these spigots meets drinking water standards for microbial contaminants and for the two chemicals of concern at that site trichloroethylene (TCE) and tetrachloroethylene (PCE). Further detailed validated results are expected in the coming weeks, but preliminary results indicate that the water meets drinking water standards for the full suite of contaminants regulated under the Safe Drinking Water Act.

Question#:	19
Topic:	Federal Coordination
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Kamala D. Harris
Committee:	HOMELAND SECURITY (SENATE)

Question: Lt. Gen. Jeffrey Buchanan recently announced that the military's mission in response to the hurricanes had ended on Puerto Rico.

Does FEMA have the resources that it needs to continue its efforts on the island even as the military ends its mission?

Response: FEMA, together with our interagency partners, has the resources required to continue its mission on the island.

Question: How is FEMA working with other federal response partners, like the National Guard, to address the needs of those in Puerto Rico and the USVI who are still without power as we near two months since the storms?

Response: State response partners, like the National Guard, and federal response partners, like Reserve troops, continue to provide critical services like security, water purification, and commodities distribution while the U.S. Army Corps of Engineers (USACE), another federal response partner, continues in its power restoration mission.

Although DoD is ending its mission, there will be minimal impact on the power mission on Virgin Islands. The US Department of Energy and the Virgin Islands Water and Power Authority have worked together to bring in more than 700 lineman from Florida, South Carolina, and New York to VI to assist the territory with power restoration by removing damaged lines and power poles and installing new lines and deeper power poles across the territory's power grid. The Governor has set a goal of 90% power restoration by Christmas and the territory has aggressively pursued this mandate.

In conjunction with, and at the request of the territory, USACE conducted assessments to critical infrastructure and facilities (such as hospitals and schools) to determine where generators were most needed to be installed and maintained. As power has been brought back on line and operating consistently, these generators have been taken down.

Question#:	20
Topic:	Puerto Rico Air Bridge
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Kamala D. Harris
Committee:	HOMELAND SECURITY (SENATE)

Question: FEMA recently announced plans to offer victims who still seeking transitional shelter an airlift to the U.S. mainland where accommodations are easier to locate. This unprecedented "air bridge" would take residents far away from their communities and support networks in order to receive transitional shelter assistance.

What is the status on these efforts?

How will FEMA meet the transitional shelter needs of victims that do not wish to be transferred to the U.S. mainland?

Response: The Commonwealth of Puerto Rico submitted a written request to FEMA on October 27, 2017, to implement Irma/Maria Transportation Assistance for FEMA-DR-4336/4339-Puerto Rico. This assistance was approved October 30, 2017 under Section 425 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act (Stafford Act), as amended (42 U.S.C. § 5189c).

Under Section 425 of the Stafford Act, FEMA is authorized to provide transportation assistance to relocate individuals displaced from their pre-disaster primary residences as a result of a major disaster or emergency or otherwise transport from their pre-disaster primary residence under Sections 403(a)(3) or 502 of the Stafford Act, to and from alternative locations for short or long-term accommodation or to return an individual or household to their pre-disaster primary residence or alternative location.

Based on the governor's request, FEMA is prioritizing outreach to survivors who remain in congregate shelters to determine their interest in this assistance to travel to select locations in the Continental United States (CONUS). This shelter engagement is ongoing; however, interest for this form of assistance to date is very low. FEMA is prepared to provide transportation via commercial flights to locations with signed host state agreements. To date only Florida has executed a host state agreement, which provides reimbursement for certain eligible expenses including operating a Multi-Agency Reception Center (MARC) to provide services to PR survivors who FEMA transports to CONUS.

Applicants who remain in Puerto Rico and do not wish to be transported to the U.S. mainland may receive emergency sheltering, temporary housing, and permanent housing options based on their eligibility.

Question#:	20
Topic:	Puerto Rico Air Bridge
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Kamala D. Harris
Committee:	HOMELAND SECURITY (SENATE)

Emergency sheltering options include Transitional Sheltering Assistance (TSA), the Sheltering and Temporary Essential Power (STEP) Pilot Program, and Blue Roof Program. As of November 22, there are 1,311 applicants checked into participating hotels under the TSA program. FEMA staff continue to work to increase the number of participating hotels; currently there are 68 participating hotels on the island. TSA is currently authorized for the Commonwealth of Puerto Rico through January 13, 2018, with an option for the Commonwealth to request a program extension.

Temporary housing options include Multi-Family Lease and Repair, and Direct Lease.

Permanent housing options include direct assistance for home repair.

These options are described in further detail in the response to question #8

Post-Hearing Questions for the Record Submitted to the Honorable Brock Long From Senator Steve Daines

"2017 Hurricane Season: Oversight of the Federal Response" October 31, 2017

Question#:	21
Topie:	Reestablish Communications
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Steve Daines
Committee:	HOMELAND SECURITY (SENATE)

Question: Administrator Long, thank you for your testimony and leadership as the Federal Emergency Management Agency (FEMA) responds to disasters across the country. As we have discussed, the threats have only grown and diversified in recent years. From domestic and foreign actors to man-made and natural threats, this year, we have seen wildfires ravage the West and hurricanes flatten our neighbors in the southeast, gangs and drug trafficking devastate families across the country, and ISIS inspired shootings - all which have led to the loss of American lives.

When the Federal government responds to any of these, it must be quick, effective, accountable, and requires effective communication.

What are the challenges FEMA faces to quickly reestablish communications abilities after a natural disaster, weather after a hurricane or forest fire?

Response: FEMA's response community faces perhaps the most complex, technically challenging environment in its history. Today's challenges encompass a wide array of political, social, economic, and technical issues confronting the nation. The threats that will occupy the attention of the response community for the foreseeable future include: shifting trends in wireless and wireline technology, declining Federal budgets, environmental threats from extremely severe weather events (e.g. hurricanes, earthquakes, floods), and man-made threats including the consequences of cyber-attack, weapons of mass destruction, and terrorism.

The technical focus of response-level communications restoration is driving toward commercial mobile wireless industry solutions and equipment. The primary challenge is to avoid becoming overly dependent upon one specific private sector wireless solution (e.g. cellular) in the immediate aftermath of a catastrophic event recognizing the lack of resiliency in the wireless industry.

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FEMA will leverage multiple satellite and cellular communications means and modes available from the commercial marketplace to provide cost effective, robust, and flexible broadband communications capabilities post-incident. Proper leveraging of these commercial markets provides the greatest potential for ensured, cost-effective communications restoration and support. That said, wireless service providers nationwide must work diligently to improve transparency and address resiliency of the private sector wireless communications infrastructure. Improvements are possible by promoting availability of wireless mobile services during natural disasters and other emergencies; increasing provider transparency; aggregating surviving commercial infrastructure; and working closely with Emergency Support Function #2 (Communications) for delivery of bulk communications services and capabilities when and where needed. The desired outcome is hastily formed ad-hoc communications service providers willing to collaborate to share information, provide wireless communications networks using contingency resources (e.g. cell-on-wheels, emergency power) in sufficient quantities that meet the immediate needs of State, Tribal, Territorial, and local Government s/survivors under all-hazards austere conditions. FEMA and DHS continue to undertake significant efforts to identify gaps and challenges that hinder reestablishment of emergency communications during catastrophic events. Specifically:

- Assist states develop and implement their Statewide Communications
 Interoperability Plans (SCIPs) that are linked to the National Emergency
 Communications Plan. SCIPs identify resiliency and interoperability goals and
 objectives for all emergency communications systems (e.g., Land Mobile Radio,
 cellular, satellite communications, Next Generation 911, alert and warning
 systems).
- Provide Communications Unit (COMU) training, which is the entity responsible
 for emergency communications in the Incident Command Structure (ICS). The
 COMU curriculum is expanding from Land Mobile Radio focus to include all
 communications capabilities (e.g., satellite, cellular, FirstNet's Nationwide Public
 Safety Broadband Network).
- Large-scale natural disasters, terrorist attacks, and other man-made disasters have
 the potential to cause catastrophic loss of the local and regional communications
 services upon which responder coordination relies. To adequately react to
 potential destruction or disruption of communications services, response agencies
 and private sector telecommunications carriers must have access to stable
 commercial power to reestablish effective public safety communications that

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includes data networks that support survivor needs (e.g. financial transactions to purchase food, medicines and fuel).

- The obtainment of robust emergency communications capabilities across
 jurisdictions impacted by catastrophic disasters require: primary, alternate,
 contingency, and emergency communications plans; Emergency Mutual Aid
 Compact relationships; common planning and operational protocols; technology
 standards that are in place and emerging technologies that are leveraged; and,
 finally, resilient wireline and wireless emergency communications infrastructures
 and services.
- To adequately react to the destruction, disruption, or overload of communications capabilities, agencies must proactively develop logistics continuity plans that consider distance and geography; prepositioning and rapid movement of responding Government and private sector deployable communications equipment; and participation in training and exercises that include disaster communications-response scenarios.
- Leverage existing and emerging technologies to expand and integrate disaster communications capabilities among emergency response providers.
- Leverage Congressionally mandated Regional Communications Coordination Working Group (RECCWGs) planning and coordinating bodies to assess and address the survivability, sustainability, operability, and interoperability of emergency communications systems at all Government levels.
- Continue the development of State Emergency Communication Plan Annexes through the RECCWGs. These Annexes allow FEMA to better understand State and local communications systems, capabilities, and requirements; improve familiarity with State and local critical mission organizations; and enable FEMA to be further prepared to meet potential requests from the State during an incident. State Annexes identify resources that States may request from the Federal Government during a catastrophic event to support emergency responders in seven mission operations areas (command and control, evacuation, sheltering, search and rescue, commodities, debris removal, and medical) immediately prior to or in the first 96 hours following an incident. The State Annexes describe the primary and backup communications resources used by Federal, State, local, and tribal responders for tactical and operational purposes.

When disaster strikes, FEMA's MERS Detachments will respond to the crises equipped with the doctrine, tactics, techniques, procedures, skilled personnel, and equipment needed to reestablish command, control and communications for on-scene management

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of the response. It is imperative that MERS Detachment be maintained and equipped to respond aggressively to any threat scenario, any time, any place.

Question#:	22
Topic:	Improving Communications
Hearing:	2017 Hurricane Season: Oversight of the Federal Response
Primary:	The Honorable Steve Daines
Committee:	HOMELAND SECURITY (SENATE)

Question: How is FEMA leveraging technology to improve local communications and to direct disaster response?

Response: The events of the Hurricane Season 2017 exposed a critical weakness within private sector wireless communications network resiliency and revealed the importance of continuity of public safety communications during disaster response operations. For several years, responders at all levels of Government have worked toward improving deployment strategies, governance, as well as procuring new state-of-the-art technologies to provide enhanced interoperable communications capabilities. Despite the progress made in the past decade, the intense focus on interoperable communications solutions has masked the lack of resiliency in private wireless networks. Recent disasters such as Hurricane Maria and the California fires have highlighted legacy communications challenges, which have reaffirmed the Federal Emergency Management Agency's (FEMA) commitment to work with Federal, State, Tribal, Territorial and local Governments and private industry to improve resiliency during disasters. The FEMA Administrator echoed this sentiment with his forward outlook on private sector resiliency, reliability and continuity of emergency communications during his recent testimony.

To address the FEMA Administrator's concerns, the Response Directorate, Disaster Emergency Communications (DEC) Division will improve response-level tactical communications capabilities through initiatives that continuously monitor the evolving technology landscape and modernizes its Mobile Emergency Response Support (MERS) fleet by incorporating emerging communications solutions that complement private sector capabilities and by replacing legacy assets and obsolete technologies.

The magnitude and complexity of incidents faced by the American people, and the continued necessity for effective interoperable communications, force FEMA to adapt its resources to the changing emergency communications environment to provide optimal solutions to the emergency management community and other response stakeholders. The FEMA/DEC Technology Roadmap serves as the tool to stay technologically up-to-date by analyzing various tactical broadband technologies and providing strategic technology investment recommendations to mission partners at all levels of Government.

In the past, first responders primarily relied on mission-critical voice capabilities and land mobile radio (LMR) solutions to carry out missions. However, the recent explosion of broadband data technologies has introduced several new communications capabilities that were previously considered unreliable in the tactical environment such as Radio over Internet Protocol (RoIP), mobile geographic information system (GIS) applications, and

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tactical cellular systems to improve situational awareness in the absence of commercial infrastructure. While mission-critical voice still remains a primary communications capability for public safety personnel, there is a growing trend toward deploying internet-based multimedia capabilities to support a tactical mission. FEMA acknowledges these changes to the emergency communications landscape and remains at the forefront of technology by staying abreast of the latest developments (e.g. National Public Safety Broadband Networks/FirstNet) and acquiring new communications capabilities around wireless resiliency. Specific recommendations include:

Observe the development of Long Term Evolution (LTE) public safety networks for the next 2 years and begin investment and integration in the 2020–2022 time frame

LTE is the highest impact but lowest maturity technology in the DEC Technology Roadmap. This technology should be considered in the near term for further research and insertion into the DEC Division and MERS by 2020. LTE radio networks and user devices, in the form of portable radios, mobile radios, and USB wireless cards, will proliferate in the commercial and public safety markets by 2022. FEMA must maintain awareness of developments in these states to fully understand the best LTE configuration to design into the architecture and the efforts it will take to support their networks during disaster restoration.

Transition Satellite Communications (SATCOM) technology to all digital technology

SATCOM networks will be critical to deliver the bandwidth demands expected in the next 5 to 10 years by response agencies. Therefore, it is necessary to continue enhancement of the SATCOM equipment, which would be best handled by a transition to fully digital standards. Further research is needed to address the configuration and architectural issues surrounding a transition from analog-to-digital modulation and to full digital SATCOM systems. Using recognized and open standards will help align the standards and technologies of next generation defense and commercial satellites being launched in the next 5 years.

• Continue building Voice over Internet Protocol (VoIP) capability

Mission-critical voice communications, software, and network applications are now and will continue to be the most pervasive means to deliver information to response agencies during a disaster. Continuing to build on VoIP technology would be a prudent move because it conserves bandwidth and allows cross-network compatibility. The proliferation of the technology has reduced the need for telephone user and infrastructure equipment post incident.

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Continue to promote integrated systems at the Federal level and across all government

Integrated systems allow for the seamless sharing of assets and infrastructure. During disasters, integrated system architectures allows all first responders to leverage any infrastructure that survives, and allows for quick establishment of communications in the affected areas by using strategically implemented mobile assets.

 Investigate the use of the virtualization and cloud computing environment for quick and redundant access to FEMA network data and forms

Virtualization and cloud computing environments will aid in the quick setup of FEMA applications and restoration of FEMA computing resources such as FEMA forms, critical state planning data, and GIS software. FEMA has already begun migrating high-capacity data systems to virtualized environments to add redundancy and backup storage for quicker restoration and more agile response efforts.

 Explore the applications of Software Defined Radio (SDR) technology within innovations in LTE, land Mobile Radio (LMR), and other wireless radio technologies

Software Defined Radio is not a stand-alone technology; it will be embedded in the future LTE and cellular equipment as well as LMR devices. Numerous initiatives are underway at the industry and Government levels concerning this technology. It will be very important to understand the progress of SDR with regard to its intersections with LMR and LTE. SDR impact and influence on current technologies and products in the pipeline and on the roadmap is a community-wide issue. FEMA must, in coordination with its stakeholders, remain apprised of all developments from vendors that can demonstrate a feasible solution.

The FEMA/DEC Technology Roadmap recommendations can be used to determine which technologies contained in the pool of solutions FEMA and other responder agencies can select to meet new requirements. FEMA must consider the stakeholders and entities with whom it cooperates to ensure technology solutions upgrade at the same rate. Different upgrade rates could make interworking among stakeholders a challenge for some technologies.

U.S. Department of Homeland Security



January 23, 2018

The Honorable Kamala D. Harris United States Senate Washington, DC 20510

Dear Senator Harris:

Thank you for your October 27, 2017 letter concerning debris and waste management in the Commonwealth of Puerto Rico and the U.S. Virgin Islands. As you know, Hurricanes Irma and Maria heavily impacted millions in the Caribbean. Wind, storm surge, and flooding compounded debris removal issues and the safety of residents.

For the response to Hurricane Maria in Puerto Rico, FEMA mission-assigned the United States Army Corps of Engineers (USACE) to assist communities with debris removal, assessment, and planning. The response process is coordinated jointly among the government of Puerto Rico, the Federal Emergency Management Agency (FEMA), USACE, and the Environmental Protection Agency (EPA). 53 municipalities are using USACE for debris removal in Puerto Rico. In the U.S. Virgin Islands, the USACE mission is currently underway on St. Croix, St. John, and St. Thomas.

As of January 5, 2018, 1.86m cubic yards of debris has been removed from streets, yards, public facilities, and across Puerto Rico. In addition, in excess of thirty (30) miles of emergency road clearance has been accomplished to enable communities to recover faster. In the U.S. Virgin Islands, 562k cubic yards of debris have been removed as of January 5, 2018.

In addition to USACE's mission to assist with debris, many municipalities chose to conduct their own debris removal using available local or Puerto Rico government resources and contractors. Under Category A of FEMA's Public Assistance Program, FEMA reimburses eligible applicants for debris removal based on the agreed-upon cost share. Currently, all 78 municipalities are coordinating directly with FEMA and the government of Puerto Rico on eligible debris removal activities.

Thank you for your partnership in helping Puerto Rico and the U.S. Virgin Islands recover from Hurricanes Irma and Maria. Identical responses will be sent to the co-signers of your letter. If you have additional questions, please have your staff contact the FEMA Congressional Affairs Division at (202) 646-4500.

Sincerely,

Brock Long Administrator

www.fema.gov

Hearing Number: SHSGAC-01-2017 Hearing Date: October 31, 2017 Committee: Senate Homeland Security and Governmental Affairs Committee

QFR Title: Active Duty and Reserve Coordination

Requestors: Sen Thomas R. Carper

Witness: Robinson, Lori

QFR ID: SHSGAC-01-007 QFR

Question Number: 7

Question: Can you describe the coordination in responding to these hurricanes between the

Active and Reserve component soldiers and airmen?

Answer: Coordination between active and federal reserve component forces was primarily accomplished by ordering reserve component forces to active duty and integrating them into USNORTHCOM operations in support of the hurricane responses.

Regarding coordination between active component forces and state National Guard forces, each operation had its own distinct requirements and missions, but there were common practices employed to ensure seamless coordination between various elements. For example, during the course of the response missions, operations synchronization and command update meetings were held at least daily to coordinate and synchronize efforts. When a dual-status commander was appointed in each response, the state and federal staffs of the dual-status commander either produced integrated state-federal daily operations orders or fragmentary orders or shared their respective state and federal orders to ensure that all elements were aware of the tasks, purposes, and required coordination throughout the response area.

QFR Title: Title 10 Forces

Requestors: Sen Thomas R. Carper

Witness: Robinson, Lori

OFR ID: SHSGAC-01-008 QFR

Question Number: 8

Question: Do your Title 10 forces report to you through the dual-status commander(s)?

Answer: Title 10 forces assigned to dual-status commanders during the hurricane relief operations reported to me through the dual-status commander. However, not all Title 10 forces were assigned to USNORTHCOM (e.g., Title 10 airlift forces remained under the command of the Commander of U.S. Transportation Command). Likewise, not all Title 10 forces assigned to USNORTHCOM were assigned to the dual-status commander. Title 10 forces assigned to USNORTHCOM, but not assigned by USNORTHCOM to the dual-status commander reported to me through the Joint Force Land Component Commander.

QFR Title: Dual-Status Commanders Requestors: Sen Thomas R. Carper

Witness: Robinson, Lori

QFR ID: SHSGAC-01-009 QFR

Question Number: 9

Question: Who is the person legally responsible for coordinating response between Federal military forces and State National Guard forces? How many Title 10 forces are under the Dual-Status Commander(s)? In any case where a Dual Status Commander was not appointed, why was a Dual Status Commander not appointed?

Answer: There is no statute or legislation assigning to a specific Federal or State official the legal responsibility for coordinating between federal military and state National Guard forces. Federal military forces are part of the federal government's support of the State emergency management response. The state National Guard forces are part of the state's (or territory's) emergency management response. In accordance with the Post-Katrina Emergency Management Reform Act of 2006, the Administrator of the Federal Emergency Management Agency is responsible for coordinating the Federal Government's support of the State emergency management response. The "center of gravity" for state-federal response coordination - both civilian and military - is the Joint Field Office in which the State Coordinating Officer and the Federal Coordinating Officer are co-located. The Department of Defense also establishes liaisons, such as Defense Coordinating Officers, to help coordinate with DoD's federal and state partners in emergency management responses. The DoD also appoints, with the consent of the governor, a dual-status commander, who, in his or her state capacity, commands assigned state National Guard forces, and, in his or her federal capacity, commands assigned federal military forces. By virtue of this unique command arrangement, dual-status commanders can facilitate improved unity of effort between Federal military and State National Guard forces.

There were approximately 290 title 10 personnel that were placed under the tactical control (TACON) under the DSC.

There were no cases in which a dual-status commander was not appointed. All requests for dual status commanders were approved by the Secretary of Defense.

QFR Title: Title 32 Status

Requestors: Sen Thomas R. Carper

Witness: Robinson, Lori OFR ID: SHSGAC-01-010 OFR

Question Number: 10

Question: Were any National Guard members put on Title 32 (502F) orders for the responses to Hurricanes Harvey, Irma, Maria or Nate or any of the wildfires in the West? If so, what determined whether they were in Title 32 status versus State Active Duty? Were there any Army reservists put on federal orders for the same disaster responses? If so, who did they report to for command, control, and support?

Answer:

USNORTHCOM is responsible for the employment of Title 10 forces providing Defense Support to Civil Authorities. As such, I defer to the National Guard Bureau for questions regarding Title 32 and State Active Duty Forces.

Army reserve units activated to support hurricane relief operations following Hurricane Maria reported to the Dual Status Commander.

OFR Title: Federal Orders versus State Active Duty

Requestors: Sen Thomas R. Carper

Witness: Robinson, Lori

QFR ID: SHSGAC-01-011 QFR Question Number: 11

Question: If Army reservist were on Federal Orders and National Guard members were on State

Active Duty (SAD), did they receive equal pay and benefits?

Answer:

Pay and benefits for troops deployed in support of these operations remain the responsibility of the respective military Services. As such, I defer to the National Guard Bureau for questions regarding Title 32 and State Active Duty Forces and to the military Services for Reserve personnel for questions regarding pay and benefits.

QFR Title: Federal Orders versus State Active Duty

Requestors: Sen Thomas R. Carper Witness: Robinson, Lori QFR ID: SHSGAC-01-012 QFR

Question Number: 12

Question: Are you aware of pay and benefit differences when federally activated Army Reservists and National Guard members on State Active Duty serve together?

Answer:

Yes. However, pay and benefits for troops deployed in support of these operations remain the responsibility of the respective military Services. As such, I defer to the National Guard Bureau for questions regarding Title 32 and State Active Duty Forces and to the military Services for Reserve personnel for questions regarding pay and benefits.

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Hearing Number: SHSGAC-01-2017 Hearing Date: October 31, 2017 Committee: Senate Homeland Security and Governmental Affairs Committee

OFR Title: Jones Act

Requestors: Sen John McCain Witness: Salesses, Robert G QFR ID: SHSGAC-01-018 QFR

Question Number: 18
Question: From the perspective of the Department of Defense, how has the Jones Act impacted

relief efforts as a whole, and how would a repeal of the Jones Act for Puerto Rico ease relief efforts?

Answer:

The Department of Defense (DoD) requested a Jones Act waiver for a short period of time to enable non-U.S.-flag vessels to support the response efforts in Puerto Rico without impacting the global maritime movement of DoD equipment for national security purposes. Once the scope and magnitude of the maritime response and resupply efforts were understood, it was evident that an extension of the waiver was not necessary as there were a sufficient number of U.S.-flag vessels to meet DoD's strategic scalift requirements. Our understanding is that a lack of infrastructure on the island affected the distribution of critical supplies from the ports rather than a lack of sufficient and available Jones Act vessel capacity. Modifying the Jones Act to exclude Puerto Rico, or repealing it altogether would likely reduce the number of U.S.-flag ships and mariners available to support national security sealift requirements. In addition, it could negatively impact domestic shipping and the industrial base (e.g., shipyards, U.S.-flag vessels, and U.S. mariners) necessary to support military operations.

QFR Title: Personnel Deployed for Hurricane Relief

Requestors: Sen Claire McCaskill Witness: Salesses, Robert G QFR ID: SHSGAC-01-029 QFR

Question Number: 29

Question: Please list the total number of Title 10 and National Guard personnel that were deployed in Texas, Florida, and Puerto Rico for each of the seven days preceding landfall by Hurricanes Harvey, Irma, and Maria, respectively, and for each of the 21 days following each

hurricane's landfall.

Answer: We are still assessing the exact numbers as part of our Departmental after-action review. Thousands of Federal military forces and National Guard personnel were engaged in preparation for the storms, but may not have deployed from their home station. Others moved from their home installations to another location closer to the expected point of impact, but still out of the storm's expected path. Under the Secretary of Defense approved Standing Defense Support of Civil Authorities Execute Order, thousands of forces were placed in prepare-to-deploy status in anticipation of FEMA mission assignments.

The first military responders were from installations in or very near the impacted area. Under Immediate Response Authority, delegated to commanders and senior officials, Federal forces, including the Services' Reserves, were able to respond to requests for assistance from local authorities to save lives, prevent human suffering, and mitigate great property damage. Next you had rotary-wing aviation to assist with search, rescue, and evacuation. This was followed by high-water vehicles and shallow-draft boats to assist with these key missions. Medical teams, command and control, and force enablers followed to support and sustain the military responders so that they would not become a burden on the States/Territorics or FEMA.

In the first three weeks after the storms, over 3,000 Federal military personnel were deployed in response operations in Texas for Hurricane Harvey; almost 10,000 in Florida and U.S. Virgin Islands for Hurricane Irma; and over 8,000 were deployed to Puerto Rico and the U.S. Virgin Islands for Hurricane Maria.

Texas, Florida, and Puerto Rico all have significant National Guard forces. In the three weeks after landfall, approximately 17,000 National Guard personnel were postured to respond in Texas; 14,000 in Florida, and 4,600 in Puerto Rico. That includes National Guard personnel from other States, providing support under the Emergency Management Assistance Compact. The Department of Defense cannot independently verify if those personnel deployed under State orders in response to the hurricanes, were recalled to their respective armories and prepared to deploy and support response and recovery operations if needed, or if they were in a scheduled weekend drill status and provided support to their State or local community.

QFR Title: Title 32 Orders Requestors: Sen Claire McCaskill Witness: Salesses, Robert G QFR ID: SHSGAC-01-030 QFR

Question Number: 30

Question: Did any National Guard members receive Title 32 orders during the responses to

Hurricanes Harvey, Irma, and Maria? How was this determination made?

Answer:

The Department of Defense didn't authorized National Guard personnel to perform State or Territorial disaster response activities in responses to Hurricanes Harvey, Irma, and Maria on Title 32 orders. Governors authorized their States' National Guard to prepare for and respond to natural disasters, or support other States and Territories under the Emergency Management Assistance Compact or other agreements.

QFR Title: National Guard Personnel Activated, Not Deployed

Requestors: Sen Claire McCaskill Witness: Salesses, Robert G QFR ID: SHSGAC-01-031 QFR Question Number: 31

Question: Please provide information on the number of National Guard personnel that were activated in advance of the hurricanes, but ultimately not deployed to Texas, Florida, and Puerto

Rico.

Answer:

The Department of Defense did not activate National Guard personnel in advance of the hurricanes. Governors activated their States' National Guard to prepare for and respond to hurricanes. The Department of Defense cannot independently verify if personnel activated actually deployed to Texas, Florida, or Puerto Rico.

QFR Title: Synchronizing Efforts Requestors: Sen Claire McCaskill Witness: Salesses, Robert G QFR ID: SHSGAC-01-032 QFR

Question Number: 32

Question: How did the Federal government synchronize efforts between State and Federal agencies during the response to Hurricanes Harvey, Irma, and Maria to ensure that there was a common operating picture without redundancies?

Answer:

Consistent with the Post-Katrina Emergency Management Response Act of 2006, the Federal Emergency Management Agency (FEMA) is responsible for coordinating the Federal government's response to major disasters. The focal point of Federal coordination was the FEMA National Response Coordination Center (NRCC) at FEMA Headquarters, in Washington, DC. Coordination with affected States and Territories was handled at FEMA Region Response Coordination Centers in Denton, TX, Atlanta, GA, and New York, NY, and at the Joint Disaster Field Offices in Texas, Florida, U.S. Virgin Islands, and Puerto Rico.

The Department of Defense has a presence at each of those key coordination nodes that helped to establish a common operating picture. Daily synchronization video teleconferences (VTCs) were orchestrated by FEMA, and supplemented by daily emergency support function specific calls. The Department of Defense had senior executives and subject matter experts participate in each of those VTC and calls.

The Department also conducted internal synchronization calls for operations, logistics, transportation, medical support and patient movement.

QFR Title: DoD's Effort in PR and VI Requestors: Sen Claire McCaskill Witness: Salesses, Robert G QFR ID: SHSGAC-01-033 QFR

Question Number: 33

Question: Please describe the current state of the Department of Defense's efforts as specified in

the FEMA Region II Hurricane Annex for PR and VI.

Answer:

As of December 3, 2017, there were 1,086 Federal military personnel supporting recovery efforts in Puerto Rico and the U.S. Virgin Islands. Missions include: Command and Control, Communication, Strategic Airlift, General Aviation Support, Ground Transportation, Water Purification, Logistics, Field Service (Laundry/Bath), Sealift, and Port Operations. The Defense Logistics Agency has 31 personnel deployed, assisting with temporary power, fuel, commodities distribution, and shelters. The U.S. Army Corps of Engineers has 914 Title 10 personnel and 3,149 contractors engaged in restoration of the power grid on Puerto Rico, temporary emergency power, debris removal, and temporary roofing on both Puerto Rico and the U.S. Virgin Islands. There are currently 26 open Mission Assignments for Puerto Rico and one for the U.S. Virgin Islands.

QFR Title: USNS Comfort Requestors: Sen Claire McCaskill Witness: Salesses, Robert G QFR ID: SHSGAC-01-034 QFR

Question Number: 34

Question: Please provide a full description of the protocols and procedures that have been used to determine whether a patient is eligible for treatment aboard the USNS COMFORT, including any changes that were made while the hospital ship was deployed to Puerto Rico.

Answer:

In support of Health and Human Services (HHS), and at the request of FEMA, DoD deployed medical capabilities to Puerto Rico and the U.S. Virgin Islands. The Medical Operations Center (MOC), located in the San Juan Convention Center, was established to unite all patient regulating agencies at one location to expeditiously respond to all requests for urgent medical care. Participants at the MOC included HHS, the Puerto Rico Department of Health (PRDoH), Centro Medico, and the Department of Defense.

The initial agreed-upon protocol was for all patient transfer requests to be centrally processed through Puerto Rico's Level 1 Trauma Center, Centro Medico, who would assess its capability/capacity to care for the patient. If the request exceed Centro Medico's capability/capacity, the patient transfer request would go from Centro Medico administration to the MOC. The MOC would assess the request and coordinate with USNS COMFORT for acceptance and receipt of the patient. This was done to ensure USNS COMFORT had the ability to care for the patient.

After two weeks, this protocol was modified due to Centro Medico's inability to keep up with the demands. HHS, PRDoH, and the MOC modified the protocol to enable hospitals to bypass Centro Medico and forward the request for patient transfer directly to the MOC. This new process streamlined patient movement to all DoD medical facilities in Puerto Rico, including the USNS COMFORT, the US Army Combat Support Hospital, and US Air Force Expeditionary Medical System.

QFR Title: USNS COMFORT Requestors: Sen Claire McCaskill Witness: Salesses, Robert G QFR ID: SHSGAC-01-035 QFR

Question Number: 35

Question: What specific medical conditions qualify a patient for treatment?

Answer:

Patients were initially seen by the PRDoH or HHS health care provider. If patients were unable to be treated by PRDoH or HHS, they were referred to the MOC who coordinated their transfer to one of the three DoD medical facilities on the island. During this deployment, the USNS COMFORT was staffed and capable of treating patients in many medical areas including: emergency, family, and internal medicine, including pediatric critical care. Specialists were on hand in cardiology, neurology, mental health, obstetrics & gynecology, general surgery, ophthalmology, optometry, orthopedics, and even dental, dental surgery and maxillofacial surgery. There was also significant ancillary support, including a blood bank, laboratory, pharmacy and radiology.

QFR Title: USNS COMFORT Requestors: Sen Claire McCaskill Witness: Salesses, Robert G QFR ID: SHSGAC-01-036 QFR

Question Number: 36

Question: Throughout the response to Hurricane Maria, who has ultimately been responsible for determining whether a patient is eligible for treatment aboard the USNS COMFORT?

Answer:

In the aftermath of Hurricane Maria, HHS, PRDoH, and the MOC were responsible for patient regulating between PRDoH civilian hospitals, HHS Federal Medical Stations, and DoD medical facilities, including the USNS COMFORT.

QFR Title: USNS COMFORT Requestors: Sen Claire McCaskill Witness: Salesses, Robert G QFR ID: SHSGAC-01-037 QFR

Question Number: 37

Question: Media reports have stated that the USNS COMFORT is capable of treating 200 patients per day – with 250 hospital beds available during the Hurricane Maria mission. Are

these figures accurate? Please cite the USNS COMFORT's total patient capacity and total number of medical personnel aboard the ship during the Hurricane Maria mission.

The number of available hospital beds reported by the media was accurate. The USNS COMFORT had 50 intensive care beds (ICU) and 200 intermediate care hospital beds. Although the USNS COMFORT was capable of treating many patients, its purpose, as stated in the FEMA Mission Assignment, was to decompress overflowing hospitals' ERs and ICUs. There was a total of 581 medical personnel onboard. That included 52 Doctors, 116 Nurses, 3 Dentists, 21 Medical Support Officers, and 389 Medical Corpsmen.

QFR Title: USNS COMFORT Requestors: Sen Claire McCaskill Witness: Salesses, Robert G OFR ID: SHSGAC-01-038 OFR **Question Number: 38**

Question: How many referrals has the USNS COMFORT received during the Hurricane Maria

mission, and who made those referrals?

In support of PRDoH, HHS Disaster Medical Assistance Teams (DMATs) triaged 6,003 patients. Of those 6,003 patients, 1,899 were referred to USNS COMFORT for further evaluation and care. The USNS COMFORT also received referrals for 280 in-patients consisting of 98 intensive care unit high acuity patients, and performed 190 surgeries. All in-patient referrals were made by either HHS DMATs supporting PRDoH in regional hospitals across the island, or the MOC.

QFR Title: USNS COMFORT Requestors: Sen Claire McCaskill Witness: Salesses, Robert G QFR ID: SHSGAC-01-039 QFR

Question Number: 39

Question: Of all of the referrals the USNS COMFORT has received, how many patients were admitted - and treated - aboard the hospital ship during the Hurricane Maria mission?

The USNS COMFORT admitted and treated a total of 280 patients, including 190 surgical cases.

Post-Hearing Questions for the Record Submitted to Major General Donald E. Jackson From Senator McCain

"2017 Hurricane Season: Oversight of the Federal Response" October 31, 2017

1. From the perspective of the Army Corps of Engineers, how has the Jones Act impacted relief efforts as a whole, and how would a repeal of the Jones Act for Puerto Rico ease relief efforts?

Answer: The Jones Act has not impacted relief efforts that are the responsibility of the Corps. The Corps is using a FEMA contractor to bring in materials and supplies, who complies with the Jones Act. A challenge impacting relief efforts, specific to power restoration, is availability of materials, not the shipment of those materials.

Post-Hearing Questions for the Record Submitted to Major General Donald E. Jackson From Senator Claire McCaskill

"2017 Hurricane Season: Oversight of the Federal Response"

October 31, 2017

1. What are the respective roles and responsibilities of the U.S. Army Corps of Engineers (USACE), the Federal Emergency Management Agency (FEMA), the Puerto Rican territorial government, and the Financial Oversight and Management Board for Puerto Rico (FOMB) in reestablishing critical infrastructure systems in Puerto Rico?

<u>Answer</u>: Under the leadership of the Federal Emergency Management Agency (FEMA), the Corps is working with other Federal agencies as part of the overall effort to restore power, and stabilize critical infrastructure in Puerto Rico.

On September, 30 2017, the Corps was given a FEMA Mission Assignment, within the authority of the Stafford Act, to assist the Puerto Rico Electric Power Authority (PREPA) in further repairing the power system to its pre-storm condition. This Mission Assignment from FEMA states that the Corps will "...lead planning, coordination and integration efforts in preparation to execute electrical power grid restoration in Puerto Rico due to impacts caused by Hurricane Maria. Develop and execute applicable temporary repairs to the segments electrical grid to allow interim restoration of system segments as directed by FEMA until the full electrical grid restoration can be implemented." The Corps uses existing eontracts where possible to shorten the response time for providing repair materials to its contractors, to PREPA and its contractors, and to other entities conducting grid repairs under FEMA.

PREPA directs prioritization to the Corps for the grid repairs, and assigns transmission and distribution lines from its electrical grid to the Corps for repair and restoration. PREPA also conducts repairs to its grids with its own crews and contractors. PREPA ecordinates with the Corps on the use of their available material, warehouses, and other properties. The Corps and PREPA also coordinate on access to easements, rights-of-way, and safety protocols for all personnel working on the grid.

The Government of Puerto Rico provides guidance to PREPA and has assisted the Corps and other responders with access to property and related authorities.

Please describe the current state of federal response, and the role of USACE, to address the
operations of Puerto Rico's Infrastructure Systems as specified in Tab 5 to Appendix 2 of the
FEMA Region II Hurricane Annex for PR and VI.

Answer: The document to which you refer is a FEMA Region II planning document produced in coordination with other Federal, State and local agencies. As a planning document, it outlines a proposed concept of operations for typical missions, roles and responsibilities for Federal agencies/departments when responding to a hurricane strike to Puerto Rico and/or the U.S. Virgin

Islands. This section of the planning document focuses on critical infrastructure and Key Resources (CIKR). CIKR is further described to include "assets, systems, networks, and functions—physical or virtual—that are so vital to the United States that their incapacitation or destruction would have a debilitating impact on security, national economic security, public health or safety, or any combination of those matters." CIKR includes energy supply, transportation, communications/internet, water supply, and health care facilities.

The Corps continues to participate in the overall Federal response and recovery efforts in Puerto Rico, under FEMA direction, as outlined in the specific mission assignments that the Corps has received. This includes the mission assignment(s) to temporarily restore and stabilize CIKR. The Corps support for other CIKR efforts (besides the Corps power restoration mission) is generally classified to supporting other Federal agencies with the primary mission to restore/repair infrastructure under their policy purview, i.e., Department of Transportation for road and highway assessments, Department of Health and Human Services for assisting in facilities assessments for medical sites, and the U.S. Environmental Protection Agency (EPA) for water and waste water facilities

FEMA has been working with the Government of Puerto Rico in response to its request for assistance on water distribution, waste water management, and solid waste removal. In this regard, FEMA has asked the Corps to provide personnel to support the efforts of: Puerto Rico's Aqueducts and Sewer Authority (PRASA), in its assessment of its infrastructure system(s); and the U.S. Environmental Protection Agency (EPA), in its assessment of environmental, safety and public health impacts in the affected areas.

While the Corps has had limited interactions with the PRASA contractor conducting the infrastructure system(s) assessment, the Corps has coordinated regularly with EPA on its environmental, safety and health assessment. When the PRASA contractor focused its efforts on the major population centers, FEMA modified the Corps mission to conduct assessments to water and waste water infrastructure systems in remote areas of Puerto Rico. In this effort, the Corps included EPA for assistance in determining water potability.

The Nation's long-term recovery doctrine and guidance are described in the National Disaster Recovery Framework (NDRF). Within this framework, the Corps of Engineers is part of the Infrastructure Systems Recovery Support Function (IS RSF), working with other Federal agencies. The Corps is one of the six Primary Agencies and the Lead Coordinating Agency for Infrastructure Systems.

The RSF conducts the following activities under the direction of the Federal Disaster Recovery Coordinator, who is appointed by FEMA.

- Provide assistance to and collaborate with public and private sector infrastructure partners to the extent authorized by law.
- The Infrastructure Systems RSF serves as a collaborative forum for Federal Government engagement with local, State, Tribal and private sector representatives to focus on public engineering services that can reduce risks from disasters and expedite recovery.

 The scope/responsibilities of this RSF includes energy, water/waste water, dams, manufacturing, communications, transportation systems, Agricultural (food production and delivery), chemical, financial services, defense industrial base, nuclear reactors, emergency services, government facilities, commercial facilities, IT, and healthcare and public health.

The Federal Disaster Recovery Coordinator is currently working to develop plans and recommendations for the long-term recovery of CIKR systems on Puerto Rico. These plans and recommendations are coordinated with senior officials of the Puerto Rican government and once approved and funded (normally with supplemental appropriations), the execution of rebuilding and restoring these assets and facilities can begin.

3. In testimony you stated that the next goal in USACE's effort to support PREPA is to reach 50% of pre-storm load by the end of November. Has this goal been achieved? If not, what is the revised estimate for completion?

Answer: Yes. This goal was achieved by then.

4. What is the current state of your ongoing assessment of the overall cost to repair the grid, as referenced in your testimony?

<u>Answer</u>: As assigned by FEMA, the Corps helps lead the federal effort to repair the hurricane-damaged electrical power grid in support of the Government of Puerto Rico. The Corps, with FEMA and the Department of Energy, continues to assess overall damages and does not have an estimated cost to repair the grid at this time.

5. Has USACE evaluated any proposals or efforts to bury power lands under the ground during the restoration process? Has the USACE evaluated any proposals or efforts to locate power generation more closely to the population densities they support?

Answer: The Corps has not evaluated proposals or efforts to bury power lands under the ground during the restoration process. Per the Stafford Act, the Corps is working to replace, in kind, the system that was in place before the hurricanes. For the most part, this means line-for-line, pole-for-pole, and wire-for-wire, though we do upgrade to current PREPA standards and to U.S. electric code for those lines, poles, and wires. There are exceptions, primarily where the cost of a different solution is less than restoring the system. An example of this might be when the poles run up an undeveloped stretch of mountainous terrain or through wetlands. If a better solution exists, such as running along a road near that mountain or wetland, then we have the flexibility of changing the installation after it has been reviewed for cost, schedule and any right-of-way issues.

While the Corps generally is not working to locate power generation closer to the population served, it has activated microgrid systems for the towns of Patillas, Maunabo, Yabucoa, Culebra Lares, and Naguabo to provide immediate power until full repairs could be made.

 USACE announced on October 9, 2017, that it had awarded a \$35.1 million contract to Weston Solutions, Inc., to provide emergency temporary power generation to the Palo Seco Power Plant, which serves the city of San Juan. Additional contract announcements for repairs to the Puerto Rican electrical grid were announced on October 16 and October 19. Please provide an explanation for the delay between Hurricane Maria's landfall and the award of these contracts, 19 days later?

Answer: On September 30, 2017, after FEMA evaluated the circumstances on the ground in Puerto Rico, the Corps was given a FEMA Mission Assignment, within the authority of the Stafford Act, to assist the Puerto Rico Electric Power Authority (PREPA) in further repairing the power system to its pre-storm condition. The Corps awarded the first major contract to repair of the power grid in Puerto Rico on October 8, 2017 – 18 days after Hurricane Maria made landfall on Puerto Rico, and nine days after receiving the Mission Assignment.

After FEMA requested the Corps to assist the Puerto Rico Electric Power Authority (PREPA) with this work, the Corps identified the Resilient Power and Mechanical Systems Basic Ordering Agreement (BOA) as the only existing contract vehicle that could timely respond to the mission requirements. Under the BOA, already in existence, the Corps had previously identified potential vendors with the specified capabilities. The Corps then prepared and submitted a Justification and Approval Request under unusual and compelling urgency to conduct a competition among the ninc contractors covered under the BOA for power restoration work.

After the initial award of a contact on October 8, 2017, the next series of contracts were awarded October 16, 2017 and then October 19, 2017, 16 and 19 days after receiving the Mission Assignment.

7. USACE has partnered with U.S. Customs and Border Protection (CBP) to construct up to 40 miles of replacement fencing in the El Paso, El Centro, and San Diego sectors of the southwest border using Fiscal Year (FY) 2017 appropriated funding. Has USACE entered into any interagency agreement or agreements with the Department of Homeland Security (DHS), CBP, or any other DHS components or subcomponents regarding replacement fencing construction? If so, please provide a copy of the interagency agreement or agreements.

Answer: USACE is working under the following Interagency Agreement, IAA HSBP1017X00059, as modified (provided as Attachment A) with CBP for Tactical Infrastructure (i.e. Border Barrier Systems) along the Southwest Border. The preconstruction and construction activities which are part of the Scope of Work: Per, Executive Order 170125. This Interagency Agreement (IAA) is between the U.S. Army Corps of Engineers (USACE) to assist CBP's Office of Facilities and Asset Management (OFAM) in performing programmatic, acquisition, project planning, and project execution activities for CBP's Border Barrier Systems requirements.

8. Please provide the names and DUNS numbers for any and all contractors that USACE has retained for replacement fencing construction. For each contract, please provide the contract amount, funding mechanism, and a narrative description of the work that is being performed. Please also describe the extent to which each contract was competitively bid?

<u>Answer</u>: Attachment B is a Table with the relevant information where USACE has retained contractors solely on behalf of CBP. All contracts were awarded in compliance with federal acquisition laws and regulations.

9. Have USACE officials begun efforts to conduct research on landownership data as it relates to the southern border that includes in-person review of public records available at courthouses? How many public records have been reviewed and at what courthouse locations. How many USACE staff are assigned to conduct research on landownership data?

Answer: USACE is utilizing an existing contract with a title and abstracting company to conduct landowner research in Starr and Hidalgo Counties. Currently there are 2 USACE staff reviewing the contract deliverables. To date approximately 730 tracts of land have been researched along CBP's provisional Wall corridor in Starr County and 139 tracts of land along CBP's proposed Wall corridor in Hidalgo County have been researched. Efforts in both counties are ongoing.

10. What is the current state of the contract solicitation for supporting research on landownership data in the Rio Grande Valley, Texas? Have contracts for this service been awarded? If so, for each contract, please provide the contract amount, funding mechanism, extent of competition, and a narrative description of the work that is being performed.

Answer: Rows 6 and 8 on Attachment B contain information concerning contracts related to research of land ownership data. All contracts were awarded in compliance with federal acquisition laws and regulations. Work is approximately 10% complete.

Post-Hearing Questions for the Record Submitted to Maj. Gen. Donald E. Jackson From Senator Thomas R. Carper

2017 Hurricane Season: Oversight of the Federal Response Tuesday, October 31, 2017

- 1. At the hearing, you stated that about half of the power generated in Puerto Rico is from wind and solar and half is from fossil fuels. According to the U.S. Energy Information Administration, in 2016, just 2% of Puerto Rico's electricity came from renewable energy and that petroleum products supplied three-fourths of the total energy consumed in Puerto Rico. You also said that when you flew over renewable sites in Puerto Rico the "solar panels were all smashed" and "wind turbine blades were snapped" while the "typical standard" fossil-fired power plants were all still functional. One of the largest solar energy providers in Puerto Rico has visually assessed 90% of their solar systems and found that 75% of those assessed had no damage at all.
 - a. How would you explain the difference between the EIA's data about the share of renewable generation on the island and what you told us at the hearing?

Answer: The Corps defers to the U.S. Energy Information Administration regarding the share of renewable generation on the island.

b. On what were your characterizations about the status of solar and wind systems based?

<u>Answer</u>: The characterizations were in part based on initial physical inspections that Corps personnel conducted by air, which provided evidence of scattered solar panels, thrown wind turbine blades, and associated damage. As we conducted ground assessments and began repairs, we identified more examples of such damage.

- At the hearing, you mentioned that some municipalities had asked that the Army Corps not assist with debris clearing and removal.
 - a. Please tell us which municipalities you were referring to.

Answer: A total of 55 out of 78 municipalities have requested FEMA assistance with debris removal and disposal. The remaining 23 municipalities declined debris removal assistance from the Corps and can adequately handle debris removal operations on their own. Those municipalities are: Camuy, Anasco, Cidra, Quebradillas, Toa Alta, Guayanilla, Yauco, Naguabo, Ceiba, Canovanas, Jayuya, Adjuntas, Bayamon, Catano, Juncos, Hatillo, Naranjito, San Juan, Aguas Buenas, Aguada, Maricao, Mayaguez, and Manaubo.

b. Governor Rosselló stated that three municipalities had indicated to him that these communities would welcome the assistance of the Corps, but that while they were waiting for the Army Corps to arrive, they had waste disposal crews that ready to get to work immediately. Hence, the municipalities were taking actions themselves, but also needed assistance from the Army Corps. What steps have you taken, in coordination with

local officials, to resolve this misunderstanding and to get crews in place to clear debris see that it is disposed of safely?

Answer: Since the beginning of the mission's operations, the Corps has utilized its Local Government Liaison cadre to continue coordination with municipalities that had the resources to conduct partial debris operations. Because of this coordination, the Corps has been able to assist with final disposal (hauling debris to a landfill or a reduction site) while the municipalities continue to utilize their resources to haul debris from right-of-way areas to their temporary disposal sites. From these sites, the Corps will conduct final disposal.

3. What progress has been made to date removing debris from communities across the islands? In particular, how have those efforts differed between urban and rural areas, especially in remote rural areas?

Answer: Progress increases daily. The challenges of removing debris in an urban area are different from the challenges of removing debris in a rural area. For example, urban areas are more congested, which can result in traffic delays while hauling debris through more populous areas. Non-urban areas tend to be more remote, and may require smaller capacity trucks to navigate through smaller roads in more mountainous or rural areas.

4. What plans have been made to handle the remaining debris that still requires clearing and removal? Please include budget estimates for these plans, as well as estimates for any alternatives which have been considered.

Answer: Corps debris subject matter experts are assisting FEMA with debris management strategies in Puerto Rico. In Puerto Rico, the total debris estimated for removal is 6.2 million cubic yards (cy) of which 3.9 million cy has been tasked to the Corps. The Corps is working in 53 of the 55 FEMA-assigned municipalities and has completed one municipality to date. The Corps has 33 approved temporary reduction and disposal sites. Grinding is the method of reduction currently being used. This effectively reduces vegetative debris by an estimated 75 percent. The Corps is working with municipalities to re-purpose the mulch on the island.

The Corps does not have an estimate of the cost of the potential remaining debris removal work. At this point, we have received a Mission Assignment Task Order from FEMA in the amount of \$155 million. We expect that to be sufficient to cover the current scope of the work that we have been assigned through March 19, 2018.

What protocols are currently in place regarding the identification, separation, and disposal of hazardous vs non-hazardous waste streams?

<u>Answer</u>: The Corps has pads set up at designated sites, where household hazardous waste is separated for remediation of environmental hazards by the EPA.

5. Have the condition of the islands' landfills been assessed following the hurricanes? What were the results of those assessments? <u>Answer</u>: Landfills were assessed following the hurricanes and prior to the Corps of Engineers' final disposition of debris. The Commonwealth of Puerto Rico's Environmental Quality Board, designated 12 landfill facilities that were in compliance with their standards for use by the Corps.

Post-Hearing Questions for the Record Submitted to Major General Donald E. Jackson From Senator Gary Peters

"2017 Hurricane Season: Oversight of the Federal Response" October 31, 2017

1. Was USACE prepared to provide sufficient contract tools in Puerto Rico for debris removal, temporary roofing, and delivery of bottled water? Why did it take so long for this work to get going?

Answer: The Corps has pre-event disaster response/recovery contracts in place for both debris management and temporary roofing. There are no existing Corps contracts for purchase or delivery of bottled water nor has the Corps been tasked to provide bottled water during the Hurricane Maria response.

Corps guidance includes general expected time frames for our activities following a hurricane. For debris removal, the guidance assumes that it will take nine days after landfall outside of the continental United States to start operations – to alert, mobilize, and debris our debris planning and response teams, and the associated contract resources. For temporary roofing, the guidance assumes the same general timeline.

However, the actual schedule is based on the conditions that we encounter on the ground, such as the capability of the state (or territory, in this case) and the local government to assist, site-specific logistical challenges, and the extent of the damages sustained. Due to the conditions in Puerto Rico following Hurricane Maria, the Corps began to remove debris on or around October 12, 2017.

To date, the Corps has removed, reduced, and recycled or disposed of 62,500 cubic yards of debris material on the island, and has installed approximately 4,000 temporary roofs. Our crews faced significant logistical challenges in moving personnel and equipment onto and around the island. In the case of debris removal, there were also delays associated with the extent of the debris and the need to find acceptable parcels of land to use as temporary debris staging and reduction sites.

2. Why did it take 15 days to start installing blue roofs in Puerto Rico?

Answer: Work began as quickly as possible on the temporary roofs. Due to the extensive damage to power networks and transportation corridors, several days were required to get access to the affected areas for assessment, and to initiate installations. The first roof installation was completed within 24 hours of receiving plastic sheeting on the island. Once the debris was removed from the roads and the flooding subsided, crews were able to go out and assess the damaged houses prior to assigning work to contractors. In addition, roofing materials were not in abundance, considering the competing demands with the U.S. Virgin Islands, Texas and Florida recoveries.

Post-Hearing Questions for the Record Submitted to Major General Donald Jackson From Senator Kamala Harris

"2017 Hurricane Season: Oversight of the Federal Response" October 31, 2017

Debris removal

On October 27th, a number of my colleagues and I sent a letter asking for information on the brewing public health and environmental crisis in Puerto Rico caused by debris and overflowing landfills.

1. What is the status of the response to that letter?

Answer: We are preparing the response and it will be submitted in the very near future.

2. What is the timeline for debris removal from Puerto Rico and the U.S. Virgin Islands?

Answer: The Corps is more than half-way through its mission and will remain until the mission is complete. Based on current estimates and mission assignments, the debris removal mission in Puerto Rico is anticipated to be completed in March 2018 and in January 2018 in the U.S. Virgin Islands.

During the hearing, you mentioned that there were municipalities in Puerto Rico that were not cooperating with the U.S. Army Corps' efforts to remove debris.

3. What interactions have the U.S. Army Corps had with municipalities to coordinate debris removal?

Answer: FEMA issued two deadlines in order assist with municipalities that were undecided on whether or not they required the Corps assistance. The first deadline set the requirement to have all municipalities submit their resource request forms by December 15, 2017 to FEMA for approval for debris removal assistance. The second deadline requires all municipalities to sign a Right-of-Entry with the Corps by December 22, 2017 in order for the Corps to access municipal sites where debris removal operations would occur. In addition to these deadlines, the Corps has actively utilized its Local Government Liaison cadre to set up informational meetings with municipal staff in order to better inform the municipalities of the services that the Corps can provide with regards to debris removal. In attendance at these meetings are a Corps Debris Team representative, a Local Government Liaison, a FEMA Division Supervisor, and any other party that may play a potential role in operations. The Corps Debris Team representative will provide the right-of-entry form and answer any questions the municipality may have. Priority areas and courses of action are established in these meetings, if the municipality decides to utilize the Corps' services.

4. Which municipalities have expressed a hesitancy to cooperate?

Answer: A total of 55 out of 78 municipalities have requested FEMA assistance with debris removal and disposal. The remaining 23 municipalities declined debris removal assistance from the Corps and can adequately handle debris removal operations on their own. Those municipalities are: Camuy, Anasco, Cidra, Quebradillas, Toa Alta, Guayanilla, Yauco, Naguabo, Ceiba, Canovanas, Jayuya, Adjuntas, Bayamon, Catano, Juncos, Hatillo, Naranjito, San Juan, Aguas Buenas, Aguada, Maricao, Mayaguez, and Manaubo.

Post-Hearing Questions for the Record Submitted to Major General Donald E. Jackson From Senator Claire McCaskill

"2017 Hurricane Season: Oversight of the Federal Response"

October 31, 2017

USACE Response

Attachment A

Question 7: IAAs between USACE and CBP

IAA HSBP1017X00059, including all Modifications through 4 Dec 2017

ACCEPTANCE OF CUSTOMER CROER 2. CUSTOMER CROER NO. 3. AMEND NO. TO (Requiring Activity Address) (Include ZIP Code) 00000 BURBAU OF CUSTOMS AND BORDER PROTECTION 1300 PENNSYLVANIA AVENUE NW HSBP1017X00059 ATTN: 5. DATE (Signature Date) 6. AMOUNT NP STE 1310 11-APR 2017 WASHINGTON DC 20229
The COSTONER OMDER identified above is accepted and the items requested will be provided as follows: (Check as Applicable) a. ALL ITEMS WILL BE PROVIDED THROUGH REIMBURSEMENT (Category I) AUTOMATIC REIMBURSEMENT TFO FUNDED REIMBURSEMENT TFO ACCEPTED AS FUNDED REIMBURSEMENT NON-TFO ECONOMY ACT ORDER AUTOMATIC REIMBURSEMENT NON-TFO AUTOMATIC REIMBURSEMENT IPAC SENT ELECTRONICALLY? X FUNDED REIMBURSEMENT IFAC b. ALL ITEMS WILL BE PROCURED BY THE DIRECT CITATION OF FUNDS (CATEGORY 11) DIRECT FUND CITS TFO DIRECT FUND CITE NON-TFO e. ITEMS WILL BE PROVIDED BY BOTH CATEGORY I AND CATEGORY IT AS INDICATED BELOW d. This acceptance, for category I items, is qualified because of anticipated contingencies as to Pinal Price. Changes in this acceptance figure will be furnished periodically upon determination of definitized prices, but prior to submission of rillings. CUSTOMER ORDER NUMBER(N) IDENTIFIED IN BLOCK 14, (REMARKS) IS NOT ACCEPTED (IS REJECTED) POR THE REASONS. INDICATED. TO BE PROVIDED THROUGH REIMBURSEMENT
CATEGORY I 10. TO BE PROCURED BY DIRECT CITATION OF PUNDS CATEGORY II

ITEM NO. QUANTITY ESTIMATED ESTIMATED PRICE ESTIMATED PRICE QUANTITY 11,500,000.00 ___a. 11,500,000.00 d. TOTAL ESTIMATED PRICE d, TOTAL ESTIMATED PRICE 12. GRAND TOTAL RSTUMATED PRICE OF ALL ITEMS 11. ANTICIPATED DATE OF OBLIGATION FOR CATEGORY II ITEMS 11,500,000.00 13. FUNDS DATA (Check if Applicable) a. ADDITIONAL PURDS IN THE AMOUNT
b. FUNDS IN THE AMOUNT OF ARE REQUIRED (See Justification in block 14) ARE NOT REQUIRED AND MAY BE WITHURAWN 14. REMARKS This order is accepted under the provisions of 31 USC 1535 (Economy Act). RA TECHNICAL POC: RA FINANCIAL POC: PA TECHNICAL POC: PA FINANCIAL POC: FINANCING APPROPRIATION: 096 NA X 2017 3122 000 3000 OWDUHS 15. ACCEPTION ACTIVITY (Complete Address)
BUDGET AND MANPONER BRANCH
USAND, FORT MORTH
CESP-CHI-1
819 TAXLOR ST, MM 1833
FORT MORTH, TX 76102-0300 16. TYPED NAME AND TITLE OF AUTHORIZED OFFICIAL DUDGET ANALYST 17. ELECTRONICALLY SIGNED BY 18. DATE

PAGE 1 OF 1

DD FORM 448-2

Page 1 of 4

DEPARTMENT OF HOMELAND SECURITY U.S. CUSTOMS AND BORDER PROTECTION

INTERAGENCY AGREEMENT (IAA)

25L44J 465132

1. Agreement No.		fication No.	3. Order No.	4.	Requisition No	
HSBP1017X0005		10.547	<u></u>		002009782	Marine Commission and
5. Period of Peri	formance	6. Statutory	Authority	7.	Date IAA Prepa	
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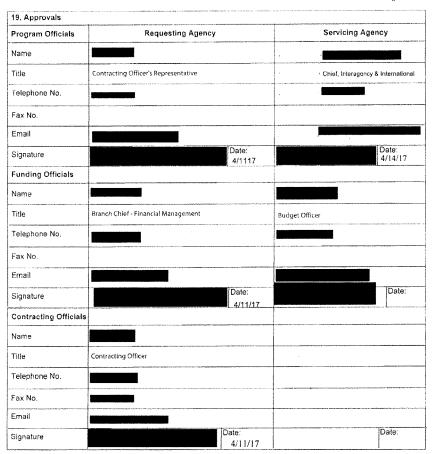
CBP Form 236 (10/13)

Page 2 of 4

16. Invoice/Payment Method	17. Billing Frequency
Requesting Agency Initiate IPAC Servicing Agency Initiate IPAC Credit Card Other (explain below)	X Monthly Quarterly Semi-annually Annual Advanced Payment (explain below) Other (explain below)
	Other (explain below)
18. Requesting Agency Accounting and Appropriation Da 10 6999.3211USCSGLCS0942063200Z2VQ1546 TAS# 07020152017 0533	

CBP Form 236 (10/13)

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Terms and Conditions for Assisted Acquisitions

1 Purpose

- 1.1 The terms and conditions of the Memorandum of Agreement (MOA) between CBP and the USACE, dated October 14, 2015 and this interagency agreement (IA) govern the acquisition assistance provided to the U.S. Customs and Border Protection (CBP), the Requesting Agency, by the U.S. Army Corps of Engineers (USACE), the Servicing Agency. The MOA terms and conditions shall control in the event of any conflict with this IA.
- 1.2 The Servicing Agency's obligation to provide supplies or services under this IA and the Requesting Agency's obligation to provide funding does not arise until all applicable requirements are satisfied and the IA is signed by the required parties at CBP and USACE.

2 Authority

CBP and USACE are executing this IA that supports an interagency acquisition under the authority of Economy Act, 31 U.S.C. 1535.

3 Scope

3.1.1 Organizations Authorized to Request Acquisition Assistance

The following organizations within the Requesting Agency are authorized to obtain assistance from USACE:

- Border Patrol & Air and Marine Program Management Office (BPAM PMO),
 Facilities Management and Engineering (FM&E)
- 3.1.2 Organizations Authorized to Provide Acquisition Assistance

The following organizations within the Servicing Agency are authorized to provide acquisition assistance to the Requesting Agency:

- Fort Worth District,
- Southwestern Division
- USACE Headquarters
- Engineering Construction Support Office (ECSO)
- Southwestern Division Border Infrastructure Program Management Office
- USACE Supporting Districts, as required by the work in the Statement of Work (SOW), through the ECSO
- 3.1.3 Limitation(s): The following restrictions apply: None
- 4 Description of Products or Services to be Acquired

See Statement of Work: Border Barrier Systems SOW

5 Period of Agreement

This IA becomes effective when signed by the Contracting Officer (CO) and Program Manager (PM)/Requirements Official (RO) of the Requesting Agency and the authorized official of the Servicing Agency and remains effective until March 31, 2021 unless agreed to and amended by both the Servicing and Requesting Agencies. The countersigned IA must be returned to the CBP CO or this IA may be subject to cancellation.

6 Roles, Responsibilities of Servicing Agency and Requesting Agency

The effective management and use of IAs is a shared responsibility of the Requesting Agency and the Servicing Agency. The parties hereby agree to the following roles and responsibilities, which are derived from guidance issued by the Office of Management and Budget's Office of Federal Procurement Policy (OFPP), available at:

http://www.whitehouse.gov/sites/default/files/omb/assets/procurement/iac_revised.pdf

6.1 Requesting Agency

- Work closely with the Servicing Agency to establish requirements that are clear and complete.
- Be a good steward of the agency's funds by ensuring appropriate internal controls are in place to ensure interagency acquisition activities are consistent with sound project management, contracting, and fiscal practices.
- Work in close collaboration with the Servicing Agency throughout the project lifecycle. Make trained and qualified personnel available to support key activities, including the timely preparation and execution of funding documents, compliance with customer-unique laws and policies, acquisition planning, source selection evaluation, and contract administration.
- Provide accurate and timely information to support the Servicing Agency in
 effectively awarding and managing the contract, including evaluation of contractor
 performance and prompt payment.
- Review the general terms and conditions of the IA with the Servicing Agency no less than annually and make amendments as necessary.

6.2 Servicing Agency

- Be a good steward of the Requesting Agency's funds by ensuring appropriate internal controls, and applying sound project management, contracting, and fiscal practices.
- Manage all phases of the project lifecycle from requirements development through contract closeout, as agreed in the IA.

- Work in close collaboration with the Requesting Agency throughout the project lifecycle, responding promptly to inquiries from the Requesting Agency, which may include matters regarding process, project status, and funds balance, among others.
- Ensure timely delivery of acceptable goods and services.
- Maintain accurate records and files associated with acquisition assistance activities.
- Review the general terms and conditions of the IA with the Requesting Agency no less than annually and make amendments as necessary.
- Help the Requesting Agency comply with the bona fide needs rule by:
 - o managing funds according to the Requesting Agency's guidance;
 - o recording transactions in a timely fashion; and
 - Implementing and exercising controls to ensure compliance with all applicable statutory and regulatory fiscal requirements.

7 Billing and Payment

7.1 The Requesting Agency will pay the Servicing Agency for all actual costs associated with the provision of services in this IA. CBP reimbursement of costs incurred in the performance of work described in the SOW/Performance Work Statement (PWS) will be made via the U.S. Treasury Intra-government Payment and Collection (IPAC) System on a Servicing Agency initiated basis.

8 IA Funding

The Servicing Agency is limited to recovery of only actual costs incurred. The Servicing Agency shall notify the Requesting Agency's Contracting Officer's Representative (COR) when the costs incurred, together with costs of any outstanding commitments, total 80 percent (%) of the obligated estimated cost ceiling of this IA. The Servicing Agency shall make no other commitments or expenditures beyond 100% of the funds obligated and shall be excused from further performance of the work unless, and until, the Requesting Agency CO, or other authorized official, increases the total obligation by modification to the IA.

- 8.1 Special Terms for One-year Funding. The total amount to be reimbursed shall not exceed the total amount obligated for the current fiscal year. If this IA is issued under the authority of the Economy Act (31 U.S.C. 1535) and the Servicing Agency uses inhouse resources to perform part or all of the agreement, in-house work must stop on September 30th of the current fiscal year, and any unexpended funds for work to be performed in-house must be de-obligated. In-house work that will continue in the next fiscal year must be funded, effective October 1st, with the new fiscal year's funds. If the Servicing Agency obligates the fiscal year funds by awarding a contract or an order prior to the expiration of the fiscal year, the funds obligated by such award do not need to be de-obligated after September 30.
- 8.2 Special Terms for Greater Than One-year Funding. For longer than one-year (e.g. two-year, no-year) funding availability, the dates are extended appropriately.

9 Contract Termination, Disputes and Protests

- 9.1 If a contract or order awarded pursuant to this IA is terminated or cancelled or a protest or dispute arises from specifications, solicitation, award, performance or termination of a contract, appropriate action will be taken in accordance with the terms of the contract and applicable laws and regulations.
- 9.2 The Servicing Agency shall consult with and seek concurrence from the Requesting Agency before agreeing to a settlement or payments to ensure that the Requesting Agency has adequate time in which to raise any objections or address any fiscal or budgetary concerns arising from the proposed payment or settlement. If concurrence is not obtained, the parties agree to refer the matter to the District Engineer, of the applicable USACE District where the Contracting Officer resides, and the CBP FM&E Director for resolution before the Servicing Agency agrees to any settlements or payments. The Servicing Agency Contracting Officer will delay any decision for settlement and payment until no sooner than thirty calendar days after the issue is referred to the District Engineer and CBP FM&E Director.

10 Amendments

Any amendments to the terms and conditions to this IA must be made in writing and signed by both the Servicing Agency and the Requesting Agency. The party proposing the amendment must allow the other party a minimum of 7 calendar days to review and accept any proposed changes before they can take effect. At its discretion, the reviewing agency may agree to allow the change to take effect before the reviewing period expires. If the parties cannot agree regarding the proposed amendment, the disagreement is subject to the provisions on IA interpretation of this agreement.

11 IA Termination

This IA may be terminated upon 180 calendar days' written notice by either party as a unilateral agreement. A bilateral agreement from both parties to terminate can be issued at any time during the course of this agreement. If this IA is cancelled, any implementing contract/order may also be cancelled. If the IA is terminated, the agencies must agree to the terms of the termination, including costs attributable to each party and the disposition of awarded and pending actions.

12 Interpretation of the IA

12.1 If the Servicing Agency and Requesting Agency are unable to agree about a material aspect of the IA, the parties agree to engage in an effort to reach mutual agreement in the proper interpretation of this IA, including amendment of this IA, as necessary, by escalating the dispute within their respective organizations.

12.2 If a dispute related to funding cannot be resolved under 12.1, the parties agree to refer the matter expeditiously to their respective Chief Financial Officers (CFO) with a recommendation that the dispute be resolved in accordance with Appendix 10, Intragovernmental Transaction (IGT) Guide, of Chapter 4700 of Volume I, Federal Agencies, of the Treasury Financial Manual, or subsequent guidance.

13 Description of Acquisition Assistance

The servicing agency will provide the following services to the requesting agency: Preparation of the Acquisition Plan (as required) and all applicable acquisition documents related to solicitations/contracts that it issues on CBP's behalf, working with the Border Patrol and Air and Marine (BPAM) Program Management Office (PMO) as needed; Preparation, execution, and administration of those solicitations/contracts; Submitting the Congressional Notification (as required) for those contract/task order awards in accordance with Term #15 of this document.

14 Small Business Credit

- 14.1 CBP, as the requesting agency, must supply the servicing agency with the lowest and most specific FIPS 95-2 office code to ensure that the CBP receives the small business credit.
- 14.2 The servicing agency is responsible for entering the specific CBP code into FPDS-NG for the award.

15 Congressional Notification Requirements

In accordance with HSAM 3005.303-70, Congressional Notifications are required for:

- Any contract award including new contract actions being awarded on behalf of DHS by a Servicing Agency through an assisted acquisition in excess of \$1 million (including the base value and all options).
- Any modification in excess of \$1 million for additional supplies or services that were not covered in the Congressional notification for the award of the contract or task or delivery order.
- Any task or delivery order using FY 2012 or later multi-year DHS funds in excess of \$10 million.
- Any task or delivery order, in any amount, that causes cumulative obligations in a single FY 2012, FY 2013 or FY 2014 multi-year account to exceed 50 percent of the total amount appropriated.

Failure to properly make Congressional notification may result in a violation of the Anti-Deficiency Act. Additional details on Congressional notification requirements and the required DHS Form 2140-01 are available in Appendix A of these terms and conditions.

The CO of the Servicing Agency shall prepare and submit DHS Form 2140-01 and the SOW/PWS at least six (6) full business days prior to the planned award of the contract action

via electronic mail to cbppqad@dhs.gov. The subject line must state "Congressional Notification for Contract No. X."

The business day begins at 9:00 a.m. Eastern Time (ET). For notifications received after 9:00 a.m. ET, the first full business day will be the day following receipt. For example, if a contract or order is to be awarded on a Friday, DHS Form 2140-01 must be received by no later than 9:00 a.m. the previous Friday. CBP will submit the Congressional notification information and will send notice via email of the earliest award date to the Servicing Agency CO. NOTE: The contract award or order issuance cannot take place prior to notice from CBP.

Congressional Notification requirements are subject to change based on the requirements stated within DHS's annual appropriations.

16 Review of Terms and Conditions

If the period of performance of this IA exceeds one year, the parties agree to jointly review the terms and conditions of the IA at least annually. Appropriate changes will be made by amendment to this IA.

17 Signatures

By signing the Terms and Conditions document, the Requesting Agency confirms that a bona fide need exists and that funds are for the designated purpose, meet time limitations, and are legally available for the acquisition described in the IA; that all unique funding and procurement requirements, including all statutory and regulatory requirements applicable to the funding being provided, have been disclosed to the Servicing Agency; and all internal reviews and approvals required prior to transferring funds to the Servicing Agency have been completed. Further, both the Requesting Agency and the Servicing Agency agree to the terms and conditions as set forth herein.

Requesting Agency Contracting Officer:	
	4/14/17
	Date
Contracting Officer	
Requesting Agency Business Operations Division Director	
	4/14/17
	Date
Director, BPAM PMO	
Servicing Agency Senior Official:	
	4/14/17
	Date
Chief, Interagency and International Services	
Servicing Agency Division Senior Official	
Southwest Division Regional Business Director	Date

Servicing Agency Program Director:



APPENDIX A Congressional Notification Requirements

	GENERAL/ROUTINE CONGRESSIONAL NOTIFICATIONS	BSFIT CONGRESSIONAL NOTIFICATIONS
CN REQUIRED (see HSAM Appendix D)	New contracts, including IDIQ and letter contracts, SBU & A/E Service Contracts New contracts awarded by an IA Servicing Agency Orders under DHS/CBP multiple award contracts using FY 2010 or later appropriated funds Orders & Mods > threshold of IDIQ contract Orders >\$10M using FY12+ DHS Multi-year funds All Orders using FY12+ Multi-year funds that caused the cumulative amount to exceed 50% of the total amount appropriated. Mods for additional supplies/services exceeding \$1 million beyond the original scope of the contract Non-competitive actions over \$1M resulting in a Mod SB Set-Asides, see FAR 15.503(a)(2) Orders under DHS BPA IAW FAR 13.5, established under the Commercial Item Test Program Letters of intent > \$1 million Contract actions Subject to Availability of Funds	New contracts, task orders, delivery orders, interagency agreements and their modifications IAW thresholds below. 1. TOs, DOs, IAs > \$1M: 5 full business days before anticipated award date 2. Mods to Contracts, TOs, DOs or IAs ≥ \$25M: 5 full business days before anticipated award date 3. New TOs, DOs or IAs ≥ \$25M: FY09/10/11 - 18 full business days or for FY12 & forward, 5 full business days before anticipated award date 4. New contract awards, EAGLE and FirstSource orders > \$1M - processed IAW HSAM 3005.303-70 - 5 business days before anticipated award date 5. NOTE: Add 1 day for CSB POC to review
CN NOT REQUIRED	Mods within the scope and terms of the existing contract Administrative mods or mods to exercise option periods Orders under IDIQ contracts up to the contract threshold using FY 2009 and prior funds Orders under non-DHS IDIQ contracts, including GSA FSS –up to the threshold or if not affected by FY12 and subsequent multi-year funding Orders under single award IDIQ contracts DHS/CBP BPAs using annual funds established under GSA FSS contracts IAW FAR 8.405 and orders placed under them. Execution of an IA with a Servicing Agency	Contracts and Orders under \$1 million Modifications under \$25 million

DEPARTMENT OF HOMELAND SECURITY CONTRACT AWARD NOTIFICATION Competition Sensitive - This document contains Source Selection information (See FAR 2.101 & 3.104). The information contained herein is not to be divulged except as permitted by law or as authorized by the Contracting Officer for the procurement. AGENCY INFORMATION 1. Component: 2. Contracting Officer: 3, Project Officer: Telephone Number: Telephone Number: E-Mail Address; E-Mait Address: CONTRACTOR INFORMATION 4. Contractor: 5. Contractor Address: Include City, State and Zip Gode Telephone Number: 6a. Procurement Instrument Identifier (PIID) No.: 6b. Modification No.: 9. Funding Information (From Procurement Request): FY Used: PPA: 6c. Order No.: 6d. Call No.: Treasury Account Symbol (6-9 characters, dashes, decimal points or spaces): 7a. Anticipated Date of Award: 7b. Contract Type: 8. Obligated Cost or Price of this Action: Total Amount of Action Including Options: Title of Account: 10. Method of Acquisition: Check One ☐ Noncompetitive Competitive, Sealed Bid Competitive, Negotiated 11. Major Subcontractor Name(s): Include Street Address, City, State, and Zip Code Subcontractor Subcontractor Subcontractor 12. Place(s) of performance (contractor and major subcontractor(s)): Include Street Address, City, State and Zip Code Contractor Subcontractor Subcontractor Summary of work to be performed: (Include enough information to describe the effort to be performed and its purpose. Attach a copy of the detailed statement of work. It is imperative that a complete description be provided that is sufficient for preparing a press release or providing a meaningful description when notifying interested parties.) Contracting Officer Signature Date

DHS Form 2140-01 (5/14)

Interagency Acquisitions Supplement

Determination and Findings

Authority to Enter into an Interagency Acquisition Under the Economy Act

Based on the following determination and findings, in accordance with the authority of the Economy Act (31 U.S.C. 1535), as implemented in subpart 17.5 of the Federal Acquisition Regulation (FAR), the Requesting Agency, Department of Homeland Security, U.S. Customs and Border Protection (CBP), intends to enter into an Interagency Acquisition (IA) with the Servicing Agency, the United States Army Corps of Engineers (USACE).

FINDINGS

1. The Requesting Agency has a need for the Servicing Agency to provide and perform programmatic, acquisition, project planning, and project execution activities in support of the U.S. Border Barrier Systems in response to Executive Order 13767. The total cost of the interagency acquisition (IAA) is estimated to be \$4.2Billion.

This agreement is effective for four years from the date the IAA is issued, which is estimated to be April 11, 2017. As a result, the Base Period of this IAA is estimated to be April 11, 2017 – April 10, 2021. This agreement will also include two Option Years, estimated as follows:

Option Year 1: April 11, 2021 – April 10, 2022 Option Year 2: April 11, 2022 – April 10, 2023

2. The USACE is a long-standing partner of CBP in the construction of border infrastructure. In addition to having over 20 years of tactical infrastructure and facility project construction, USACE was the executing agency for previous CBP fence projects, including Pedestrian Fence (PF) 225, PF70, and Vehicle Fence (VF) 300 projects. Proven in its history in assisting CBP with these past fence projects, the USACE has the construction and acquisition experience/expertise to provide the type of services required for the Border Barrier Systems, which is not currently available within the Requesting Agency. The USACE has the manpower, resources, and acquisition capacity to successfully oversee planning, contract execution, and contract oversight, which the Requesting Agency does not currently have, but will be necessary, especially when considering the numerous projects associated with the planned Border Barrier Systems.

CBP cannot obtain these services as conveniently or economically on its own as it can through the USACE. CBP does not have the wealth of resources, experience, and technical/acquisition knowledge that the USACE has in construction and construction-related activities, especially for the number of projects planned for the Border Barrier Systems. Due to its lack of resources and expertise, CBP would face challenges in awarding and managing any contracts with a private source, which would more than likely lead to cost and schedule delays, thereby impacting its ability to meet its deadlines

Border Barrier Systems

for the Border Barrier Systems. In contrast to CBP's limitations, the USACE has the resources, nationwide, to effectively manage and oversee all construction aspects of these projects, including all programmatic, acquisition, project planning, and project execution activities. Not only does the USACE have internal, local staff along the southwest border to assist in project execution, but it also has programmatic and real estate support through its own contracts to supplement support where needed. In addition, the USACE has established IDIQ construction contracts, which it can utilize to procure the projects/work necessary for the Border Wall. These established contracts streamline the acquisition process and get contracts in place much more efficiently and effectively than CBP could if it procured the projects itself. Utilizing these established USACE contracts allows CBP to meet its deadlines to construct the Border Barrier Systems. To date, the USACE has been responsive and provided CBP with the desired programmatic support and requirements on schedule and within budget. It is expected they would perform accordingly on these projects as well.

- 3. Nothing in this requirement conflicts with the authority of the servicing agency.
- As discussed in Section two (2) of this document, the servicing agency has capabilities or expertise to enter into a contract for such supplies or services which is not available within the requesting agency.
- 5. It is in the best interest of the Government to issue an IAA since the supplies or services cannot be obtained as conveniently or economically by contracting directly with a private source for the reason(s) stated in Section 2 above.
- 6. The requesting agency shall furnish a copy of the D&F to the servicing agency with the

DETERMINATION

Based on the above findings, I hereby determine that it is in the best interest of the Government to enter into an IA with the servicing agency.

Name of the CBP Requirements	Official:
Signature;	
Date: 4/11/17	
Name of the CBP Contracting O	fficer:
Signature:	
Date: 4/11/17	

Determination of Best Procurement Approach for Assisted Acquisitions

FAR 17.502-1

IAA No. HSBP1017X00059

PR No. [20097828]

Based on the following determination and findings, in accordance with the authority of the Economy Act (31 U.S.C. 1535), as implemented in subpart 17.5 of the Federal Acquisition Regulation (FAR), the Requesting Agency, Department of Homeland Security, U.S. Customs and Border Protection (CBP), intends to enter into an Interagency Acquisition (IA) with the Servicing Agency, the United States Army Corps of Engineers (USACE).

FINDINGS

- The Requesting Agency has a need for the Servicing Agency to provide technical expertise and support for design standard, master planning, and acquisition management requirements encompassing program and project management, cost estimating, design, real estate oversight, and environmental planning support through an assisted acquisition.
- 2. The USACE is a long-standing partner of CBP in construction of border infrastructure. In addition to over 20 years of tactical infrastructure and facility project construction, USACE was the executing agency for the previous Pedestrian Fence (PF) 225, PF70, and Vehicle Fence (VF) 300 projects. The USACE has the manpower and acquisition capacity to oversee planning, contract execution, and contract oversight. The USACE also has the authority, experience and expertise to provide the type of services required, which is not available within the Requesting Agency. Additionally, the supplies or services cannot be obtained as conveniently or economically by contracting directly with a private source because choosing another source would negate the technical knowledge and expertise possessed by the USACE, and the advantages to be gained by utilizing the USACE's ability to respond to construction-based programmatic support requirements on a national scale. Specifically, USACE has contracts nationwide and local staff in areas of the southwest border to effectively oversee the construction and real estate requirements. To date, the USACE has been responsive and provided CBP with the desired programmatic support and requirements on schedule and within budget.

CBP cannot obtain these services as conveniently or economically on its own as it can through the USACE. CBP does not have the wealth of resources, experience, and technical/acquisition knowledge that the USACE has in construction and construction-related activities, especially for the number of projects planned for the Border Barrier Systems. Due to its lack of resources and expertise, CBP would face challenges in awarding and managing any contracts with a private source, which would more than likely lead to cost and schedule delays, thereby impacting its ability to meet its deadlines for the Border Barrier Systems. In contrast to CBP's limitations, the USACE has the resources, nationwide, to effectively manage and oversee all construction aspects of these projects, including all programmatic, acquisition, project planning, and project execution activities. Not only does the USACE have internal, local staff along the southwest border to assist in project execution, but it also has programmatic and real

estate support through its own contracts to supplement support where needed. In addition, the USACE has established IDIQ construction contracts, which it can utilize to procure the projects/work necessary for the Border Barrier Systems. These contracts streamline the acquisition process and get contracts in place much more efficiently and effectively than CBP could if it procured the projects themselves. Utilizing these established USACE contracts allows CBP to meet its deadlines to construct the Border Barrier Systems. To date, the USACE has been responsive and provided CBP with the desired programmatic support and requirements on schedule and within budget. It is expected they would perform accordingly on these projects as well.

Construction acquisition and project management are some of the USACE's core capabilities. They have access to multiple vendors nationwide and have the in-house technical expertise, as well as the capability, to award the appropriate contract for the Border Barrier Systems requirements which will enable a streamlined, and as needed, an expedited pre-award and award process. Using the USACE's expertise in this area is resource advantageous because alternatively, CBP would be required to solicit, award, and manage multiple contracts, which would necessitate an increase in cost and staff, and could potentially lead to delays in delivering the Border Barrier Systems to the Border Patrol. Additionally, the USACE provides a benefit of national coverage, as it has locations nationwide to be able to support CBP's requirements. The USACE is also very familiar with CBP and its mission, as it has significant experience with CBP operations and the programmatic support requirements of CBP facilities and tactical infrastructure.

With regard to costs, the USACE charges CBP for the work it self-performs on CBP requirements as GS-scale time, which is reasonable as those rates are established by the Government. For all work that the USACE contracts out to other sources, it negotiates those prices to ensure the Government receives the best value possible for the services it receives. Those costs are then passed on to CBP to pay under the IAA, which have already been determined fair and reasonable due to the USACE's negotiations.

As a basis for determining that an IA was the optimal and most cost effective strategy, various alternatives were considered based on the Border Patrol and Air and Marine (BPAM) Program Management Office's (PMO) history of obtaining programmatic support services in the past for CBP FM&E BPAM PMO facilities. These alternatives included:

- i In-House (CBP) Resources
- ii Existing DHS or CBP Contracts
- iii New Contract
- iv Servicing Agency In-House Resources
- v Existing Servicing Agency Contracts

A detailed description of the advantages and disadvantages of each alternative are shown in the table below.

- Alternative	Advantages	Disadvantages	Recommendation
1. In-House (CBP) Resources	Greater control over program performance and quality of programmatic support activities Quicker identification of issues/actions before they become critical requirements Reduces contract administration/ modifications	No in-house expertise in the quantities necessary to provide the services required to perform programmatic support activities for facilities and Ti in such a manner as to support activities for facilities and Ti in such a manner as Not cost/resource effective due to the number of certified/rained employees with the requisite experience and expertise CBW would need to obtain/maintain to perform programmatic support activities in support of multiple facilities, TI, system, and PMO requirements	Not recommended
2. Existing DHS or CBP contracts	Greater control over program performance and quality of programmatic support activities Quicker identification of issues/actions before they become critical requirements Provides increased visibility and oversight over the Contractor's performance	There are no known DHS or CBP contracts that can provide the size and scope needed to perform the construction-based programmatic services for the BPFTI PMO facilities and tactical infrastructure to meet CBP mission requirements.	Not recommended
3. New Contract	Greater control over program performance and quality of programmatic support activities Quicker identification of issues/actions before they become critical requirements Provides increased visibility and oversight over the Contractor's performance	• Increases burden on Government to manage multiple contracts and vendors (i.e., increased resources required) required) required of the search contract with the need to have a good understanding of the pre and post award activities throughout the construction-based programmatic acquisition lifecycle Introduces the potential for long Procurement Administrative Lead Time (PALT) when competing requirements (based on unfamiliarity with construction industry and vendors throughout CONUS)	Not recommended-
4. Servicing Agency In-House Resources	in-house expertise to provide the services necessary to perform programmatic activities in support of Border Barrier requirements Cost/resource effective due to the availability of resources (material/ construction equipment) and/or contractor support needed to perform programmatic support activities based on similar program management support USACE already provides.	Minimizes CBP's ability to have "direct" control over program performance and quality of programmatic support activities Delays identification and awareness of issues/actions (via USACE) before they become critical requirements	Recommended

	administer any contracts awarded as a result of CBP.		based programmatic
	nrogrammatic support requirements		
			support with in-house
	Capitalizes on lessons learned from previous contracts		personnel or a
	CBP has had with USACE		combination of in-
	Agency labor is GS Scale time, which are rates		house personnel
	established by the government and are therefore		augmented with
	considered reasonable		contracted services.
			 USACE will augment
			its own resources as
			necessary with
			contracted services to
			support a surge in
			work requirements or
		•	to provide a limited
			number of unique
			capabilities that it
			may not have in-
			house.
S. Existing Servicing Agency Contracts	In-house expertise to provide the services necessary to perform programmatic activities in support of Border Barrier requirements Cost/resource effective due to the availability of resources (material/ construction equipment) and/or contractor support needed to perform programmatic support activities based on similar programmatic support activities based on similar programmatic support activities based on similar program an administer any contracts awarded as a result of GBP programmatic support requirements Agency labor is GS Scale time, which are rates established by the government and are therefore considered reasonable.	There are no known existing USACE contracts that can provide the size and scope needed to perform the construction-based programmatic services for BPFII PMO facilities and tractical infrastructure to meet CBP mission requirements	Not recommended.

- 4. DHS/CBP funds (current and future appropriations) used to acquire these services will comply with applicable DHS/CBP appropriation limitations, and all applicable laws and policies.
- 5. The Servicing Agency is able to comply with the requesting agency's statutes, regulations, and policies, including any unique acquisition and fiscal requirements.

DETERMINATION AND FINDINGS Determination of Best Procurement Approach Border Barrier Systems

DETERMINATION

Based on the above findings, I hereby determine that entering into an interagency acquisition with the servicing agency, USACE, is the best procurement approach for the agency's requirement.

Signed:	
	4/11/17
Signature of Program Manager/Requirements Official	Date
Director, BPAM PMO	
	4/11/17
Signature of Contracting Officer	Date
CBP Procurement	
Signature of Contracting Officer Supervisor	Date
CBP Procurement	
CDI HOGHCHUR	

INTERAGENCY AGREEMENT STATEMENT OF WORK BETWEEN U.S. CUSTOMS AND BORDER PROTECTION AND U.S. ARMY CORPS OF ENGINEERS

I. AUTHORITY

The authority of the Department of Homeland Security (DHS), U.S. Customs and Border Protection (CBP) ("Requesting Agency") and the U.S. Army Corps of Engineers (USACE) ("Servicing Agency") to enter into this Interagency Agreement (IAA) is the Economy Act of 1932 (31 U.S.C. 1535), resulting in an assisted acquisition.

II. OBJECTIVE/PURPOSE

This Interagency Agreement (IAA) is between the U.S. Army Corps of Engineers (USACE) U.S. Customs and Border Protection (CBP) to assist CBP's Office of Facilities and Asset Management (OFAM), Border Patrol Air and Marine (BPAM) Program Management Office (PMO) in performing programmatic, acquisition, project planning, and project execution activities in support of the U.S. Border Wall as required by Executive Order 13767 (Attachment A).

The goal of USACE is to execute the assigned CBP projects on schedule and to seek opportunities to continually improve service to CBP. Applying best practices, the USACE will continually strive to improve its delivery of high quality products and services on time and at the best value.

The partnership with USACE is essential to completing border barrier construction. CBP has a need for the USACE to provide technical expertise and support for design standard, master planning, and acquisition management requirements encompassing program and project management, cost estimating, design, real estate oversight, environmental planning, construction and contract administration support through an assisted acquisition. CBP and USACE have a memorandum of agreement (MOA) that establishes a mutual framework governing the respective responsibilities of USACE and CBP for the provision of goods and services pursuant to the Economy Act (31 U.S.C. § 1535).

III. SCOPE

This Statement of Work describes the comprehensive scope of support services for CBP's Border Barrier Systems requirements. Specific details on each project will be documented in Project Requirement Documents (PRD) agreed to by the project team members from both the

Servicing and Requesting agencies. PRDs will be included in the IAA file, but all changes within scope of the PRDs and this IAA will be executed via the BPAM Change Management Process. Modifications to the IAA will be issued every quarter to account for the updates made through the Change Management Process.

IV. REQUIREMENTS/TASKS:

USACE will use its best efforts to provide the following services either by contract or by inhouse efforts to support CBP's Border Barrier Systems requirements:

- a. Provide program and project management support and expertise (using either inhouse or contractor resources), including but not limited to:
 - Supporting overarching program management requirements and reporting needs (includes USACE enterprise level oversight and engagement).
 - Providing complete project management services to include cost, schedule, and scope management.
 - 3) Tracking project progress and providing progress reporting and updated schedules through regular reporting, periodic reviews, and maintaining current data in the Facilities and Infrastructure Tracking Tool (FITT) database or equivalent system
 - 4) Supporting project closeout activities to ensure that all obligations, expenditures, and vouchers are finalized and executed, excess funds are de-obligated, and financial records for the project are properly closed out
 - Assisting in resolving warranty issues should the contractor refuse to address these items, as applicable
 - 6) Providing project scoping, studies, investigations, evaluations, consultations, conceptual design, value engineering, and operation, monitoring, and topographic, geotechnical, and environmental survey services.
 - 7) Tracking project progress and providing progress reporting and updated schedules (including construction schedules provided by contractors) through regular reporting, periodic reviews, and maintaining current data in the FITT database or equivalent system from project initiation to project closeout.
 - 8) Analyzing project, cost and schedule risk, risk analyses, and develop mitigation strategies to minimize the impact to the project over the lifecycle of the project.
 - Providing cost trends and analysis, and generate cost reports and life cycle cost estimates as applicable.
 - 10) Providing detailed reports of costs incurred.
 - 11) Participating in regular status updates (i.e., Weekly Calls and Program Management Reviews) as required.
 - 12) Providing environmental and real estate compliance support, including:

- a) Support of environmental compliance requirements such as the preparation and review of biological and cultural survey reports, environmental assessments, environmental stewardship plans, biological resource plans, environmental stewardship summary reports, environmental impact statements, Findings of No Significant Impact, Records of Decision, mitigation plan(s), and other associated documentation requirements in compliance with the National Environmental Policy Act (NEPA) of 1969, DHS Directive 023-01, Environmental Planning Program and CBP policies and procedures for land acquisition. Additional activities include support of data identification, collection (including site visits and interviews), development, and interpretation; sampling and analysis; and human health risk and environmental impact evaluations and reports.
- Provide technical, contractual, and project management experience to develop and execute acquisition strategies, including but not limited to:
 - Design-Bid-Build (DBB), Design-Build (DB), A/E Brooks Act, Services and/or other recommended acquisition vehicles and/or approaches.
 - During acquisition strategy discussions, identifying available contracting vehicles in other USACE districts.
 - 3) As required, developing Requests for Proposals (RFP), Invitations for Bids, Independent Government Estimates (IGE), Acquisition Plans, Statements of Work (SOW)/Statements of Objectives (SOO)/Statements of Need (SON), Source Selection Evaluation Boards and other necessary acquisition documentation in support of CBP Tactical Infrastructure (TI) construction requirements.
- c. Provide program management, real estate, environmental, and A/E support in the preparation of designs including plans, drawings, design analyses, specifications and cost estimates required to execute a site-specific construction project (including studies and surveys). This support will also include landscaping, value engineering, as well as reviews of all of the above products and services. Other design phase support includes but is not limited to:
 - Providing civil, mechanical, structural, electrical, and geotechnical services to support design requirements for TI based on the most current version of the BPAM TI Design Standards.
 - 2) Supporting DBB requirements, including developing statements of work (SOW) for design services, acquiring A/E design services, developing designs, developing SOWs for construction services, acquiring construction services, and constructing the project.
 - Supporting DB requirements, including developing SOWs for DB services, acquiring DB services, and designing and constructing the project.
 - 4) Ensuring all environmental and real estate requirements are satisfied before the construction phase begins. Identifying any environmental concerns and best management practices (BMPs) and additional real estate interests (not identified during the planning phase) that may be required to access construction, utilities, and other needs.

- 5) Provide management updates to the BPAM TI Design Standards.
- d. Provide support during the border barrier systems construction phase of projects, including but not limited to:
 - Providing contract administration & oversight by ensuring construction contract requirements are met, overseeing contractor progress, validating compliance with Davis-Bacon Act wage rates, reviewing and evaluating changes that originate from the contractor, reviewing progress payments, and performing quality assurance.
 - Reviewing, evaluating, and incorporating change requests, and providing notification of any field modifications following established CBP Change Management Processes prior to any modifications.
 - Providing resident engineering expertise and participating in weekly construction progress meetings.
 - 4) Performing environmental monitoring and cultural surveying, addressing environmental issues, conducting environmental and real estate stakeholder outreach, and applying BPAM construction BMPs as required throughout the entire construction phase.
 - Coordinating and conducting final inspections and walkthroughs prior to acceptance to identify any deficiencies that must be corrected.
 - 6) Supporting project closeout activities to ensure that all obligations, expenditures, and USACE and contractor vouchers are finalized and executed, excess funds are de-obligated, and financial records for the project are properly closed out.
 - Assisting in resolving warranty issues should the contractor refuse to address these items.
 - 8) Submitting closeout and project documentation through FITT or equivalent system, to include as built drawings, warranties, O&M manuals, acceptance letter, final inspection notice, final punch list, etc. (as applicable).
 - Providing construction management services to manage quality, cost and schedule in accordance with established USACE processes.
 - Providing technical engineering support, as required, to CBP for construction of Tactical Infrastructure projects.

V. ESTIMATED COST BREAKOUT (INCLUDING APPLICABLE FEES):

Subject to the appropriation of funds by Congress, this Interagency Agreement is estimated to be in the amount of \$4.2 Billion and will include requirements and activities, assisted and non-assisted, associated with CBP's Border Barrier Systems program.

The initial value of the Base Period is \$11,500,000, which is reflected in "1.0 Program Management" in the table below. This funding includes real estate and overall program and project staffing. Staffing includes but is not limited to functional areas in business operations, acquisition, design and construction management, real estate, program and project management,

as well as public affairs. The remaining requirements (assisted acquisition and non-assisted acquisition activities) will be funded through modifications to this agreement as funding becomes available.

FY17 & FY18 IAA Wall	Fun	ding ([\$K])			
WBS Element		FY2017		F¥2018		Total
TOTAL	\$	1,517,500	\$	2,619,000	\$	4,136,500
Eil) Program Manganient		11,500	(3)		6	11,500
1.1 Program Management	\$	4,000	\$		\$	4,000
1.1.1 Architecture and Engineering	S	4,000	\$		\$	4,000
1.1.1.1 100% Design SDC	\$	2,000	\$	*	\$	2,000
1.1.1.2 100% Design RGV	\$	2,000	\$	*	\$	2,000
1.1.2 USACE Program Management Support	s	7,500	\$	-	\$	7,500
1.1.2.1 Real Estate (Labor and Contract)	\$	3,000	\$		s	3,000
1.1.2.2 Program Support (Labor and Travel)	\$	1,500	\$	~	S	1,500
			\$		\$	900
1.1.2.3 Acquisition Planning (Labor)	\$	900			ļ	
1.1.2.4 Ops Cell Support	\$	1,100	\$		\$	1,100
1.1.2.5 Project Planning	\$	1,000	\$	-	\$	1,000
2.0 Construction			228760000	2/619,000	8	34,125,000
2.1 Wall System (SDC)	\$	256,000	\$	-	\$	256,000
2.1.1 Construction	\$	166,000	\$		\$	166,000
2.1.2 System	\$	87,000	\$	*	\$	87,000
2.1.3 Real Estate & Support	8	3,000	\$	1021000	\$ \$	3,000
2.2 Wall System (FY17 and FY18 Priority Projects)	\$	150,000	\$ \$	1,034,000	S	1,184,000 595,000
2.2.1 Construction 2.2.2 System	\$ \$	75,000 49,000	\$	520,000 337,000	\$	386,000
2.2.2 System 2.2.3 Real Estate & Support	8	26,000	\$	177,000	S	203,000
2,3 Fence/Wall (Levee) (RGV)	\$	498,000	\$	161,000	\$	659,000
2.3.1 Construction	8	420,000	S	135,000	\$	555,000
2,3.2 System	\$	8,000	\$	3,000	\$	11,000
2.3.3 Real Estate & Support	\$	70,000	\$	23,000	8	93,000
2.4 Fence (rest of border)	s		\$	224,000	8	224,000
2.4.1 Construction	\$.4	\$	156,000	\$	156,000
2.4.2 System	\$		\$	8,000	\$	8,000
2.4.3 Real Estate & Support	\$		\$	60,000	\$	60,000
2.5 Replacement Fence	\$	102,000	\$	358,000	\$	460,000
2.5.1 Construction	\$	98,000	\$	343,000	\$	441,000
2.5.2 System	\$	4,000	\$	15,000	\$	19,000
2.5.3 Real Estate & Support	\$	*	\$		\$	***************************************
2.6 Road Construction	\$	119,000	\$	126,000	\$	245,000
2.6.1 Road Construction	8	119,000	\$	126,000	\$	245,000
2.7 Road Maintenance	S	23,000	\$	23,000	\$	46,000
2.7.1 Road Maintenance	\$	23,000	\$	23,000	\$	46,000
2.8 Other Tactical Infrastructure	S	55,000	\$		\$	55,000
2.9 Surveillance Technology	\$	200,000	\$	150,000	\$	350,000
2.10 Other Assets and Equipment	\$	103,000	\$	543,000	\$	646,000

All costs covered under this agreement will be reimbursable, and actual costs are dependent on the work performed. This budgetary estimate is based on a summation of all the USACE labor, contract awards (issued by USACE), and other direct costs assumed to be required to fund the portfolio of projects executed under this IAA (through closeout of the contracts issued by USACE and their warranties). Additional supporting documentation on the basis of the cost estimates will be available in the Project Requirement Documents (PRDs). PRDs will be executed via the BPAM Change Management Process, and modifications to the IAA will be issued every quarter to account for the updates made through the Change Management Process. As projects are better defined and PRDs are updated, changes to this section and the rest of the IAA will be issued in accordance with this process.

VI. <u>DELIVERABLES</u>:

USACE must provide an electronic version of the following:

- · Weekly updates in the FITT or equivalent system
- · Bi-weekly expense burn rate report by P2 number
- Monthly (weekly, as required) Project Delivery Schedule

VII. PLACE OF PERFORMANCE

The place of performance for this requirement shall include southwest border locations, including but not limited to San Diego (SDC), El Centro (ELC), Yuma (YUM), Tucson (TCA), El Paso (EPT), Big Bend (BBT), Del Rio (DRT) Laredo (LRT), and Rio Grande Valley (RGV) Sectors.

VIII. PERIOD OF PERFORMANCE

The Base Period of this Agreement is through four years from date of award, which is estimated to be from April 10, 2017 – April 9, 2021. This agreement also includes two Option Years as follows:

Option Year 1: April 10, 2021 – April 9, 2022 Option Year 2: April 10, 2022 – April 9, 2023

IX. FUNDING

The initial value of the Base Period is \$11,500,000. This funding includes real estate and overall program and project staffing. Staffing includes but is not limited to functional areas in business operations, acquisition, design and construction management, real estate, program and project management, as well as public affairs. The remaining requirements (assisted acquisition and

non-assisted acquisition activities) will be funded through modifications to this agreement as funding becomes available.

Although funding for multiple functional areas will be provided to USACE via a single line item on the IAA, USACE will track funding and the associated functional areas via "P2" projects. P2 is a suite of commercial-off-the-shelf (COTS) software applications configured to support project execution, which ties together project details with project financial information. P2 provides project development teams with the ability to manage their projects using proven Project Management best practices. P2 also allows for web-based executive level, district-specific, regional, and customer reports. Any modifications of funding between P2s at USACE must have an approved CBP change request and be administered via the BPAM Change Management Process.

Specific funding information is as follows:

Cost Center: 942063200

Order: Z2VQ Fund: 15463

CBP:

Functional Area: SB031101AG00

Fund Center: BPE75 PR: 20097828

X. POINTS OF CONTACT

CBP Program Official (Division Director/Program Manager) Border Patrol & Air and Marine Program Management Office (BPAM PMO) Phone: E-mail: CBP Budget Official Border Patrol & Air and Marine Program Management Office (BPAM PMO) Phone: E-mail:

Contracting Officer Representative

Border Patrol & Air and Marine Program Management Office (BPAM PMO)

Phone: E-mail

CBP Acquisitions:
Contract Specialist US Customs and Border Protection/DHS Phone: Email:
Contracting Officer US Customs and Border Protection/DHS Phone: Email:
Contracting Officer US Customs and Border Protection/DHS Phone: Email:
USACE:
SWD Director for Border Barrier Systems USACE, Ft Worth Phone: E-mail:
Deputy Director, SWD Director for Border Barrier Systems USACE, Ft Worth Phone: E-mail:
Chief, Program Control Section USACE, Ft Worth Phone: E-mail:
Budget Analyst USACE, Ft Worth Phone: E-mail

Budget Analyst USACE, Ft Worth Phone: E-mail:

PARTICIPATING AGENCY INFORMATION

Specific Agency information is as follows:
Full Agency Name: U.S. Army Corps of Engineers, Fort Worth, District
Full Agency Address: 819 Taylor St, Rm 3A14, Fort Worth, TX 76102
Telephone Number:

Fax Number: Tax Identification Number: 62-1642142

DUNS Number: 068112791 Agency Locator Code: 00008736 The White House
Office of the Press Secretary
For Immediate Release
January 25, 2017

Executive Order: Border Security and Immigration Enforcement Improvements

EXECUTIVE ORDER

BORDER SECURITY AND IMMIGRATION ENFORCEMENT IMPROVEMENTS

By the authority vested in me as President by the Constitution and the laws of the United States of America, including the Immigration and Nationality Act (8 U.S.C. 1101 et seq.) (INA), the Secure Fence Act of 2006 (Public Law 109 367) (Secure Fence Act), and the Illegal Immigration Reform and Immigrant Responsibility Act of 1996 (Public Law 104 208 Div. C) (IIRIRA), and in order to ensure the safety and territorial integrity of the United States as well as to ensure that the Nation's immigration laws are faithfully executed, I hereby order as follows:

Section 1. Purpose. Border security is critically important to the national security of the United States. Aliens who illegally enter the United States without inspection or admission present a significant threat to national security and public safety. Such aliens have not been identified or inspected by Federal immigration officers to determine their admissibility to the United States. The recent surge of illegal immigration at the southern border with Mexico has placed a significant strain on Federal resources and overwhelmed agencies charged with border security and immigration enforcement, as well as the local communities into which many of the aliens are placed.

Transnational criminal organizations operate sophisticated drug- and human-trafficking networks and smuggling operations on both sides of the southern border, contributing to a significant increase in violent crime and United States deaths from dangerous drugs. Among those who illegally enter are those who seek to harm Americans through acts of terror or criminal conduct. Continued illegal immigration presents a clear and present danger to the interests of the United States.

Federal immigration law both imposes the responsibility and provides the means for the Federal Government, in cooperation with border States, to secure the Nation's southern border. Although Federal immigration law provides a robust framework for Federal-State partnership in enforcing our immigration laws—and the Congress has authorized and provided appropriations to secure our

borders the Federal Government has failed to discharge this basic sovereign responsibility. The purpose of this order is to direct executive departments and agencies (agencies) to deploy all lawful means to secure the Nation's southern border, to prevent further illegal immigration into the United States, and to repatriate illegal aliens swiftly, consistently, and humanely.

- Sec. 2. Policy. It is the policy of the executive branch to:
- (a) secure the southern border of the United States through the immediate construction of a physical wall on the southern border, monitored and supported by adequate personnel so as to prevent illegal immigration, drug and human trafficking, and acts of terrorism;
- (b) detain individuals apprehended on suspicion of violating Federal or State law, including Federal immigration law, pending further proceedings regarding those violations;
- (c) expedite determinations of apprehended individuals' claims of eligibility to remain in the United States;
- (d) remove promptly those individuals whose legal claims to remain in the United States have been lawfully rejected, after any appropriate civil or criminal sanctions have been imposed; and
- (e) cooperate fully with States and local law enforcement in enacting Federal-State partnerships to enforce Federal immigration priorities, as well as State monitoring and detention programs that are consistent with Federal law and do not undermine Federal immigration priorities.
- Sec. 3. Definitions. (a) "Asylum officer" has the meaning given the term in section 235(b)(1)(E) of the INA (8 U.S.C. 1225(b)(1)).
- (b) "Southern border" shall mean the contiguous land border between the United States and Mexico, including all points of entry.
- (c) "Border States" shall mean the States of the United States immediately adjacent to the contiguous land border between the United States and Mexico.
- (d) Except as otherwise noted, "the Secretary" shall refer to the Secretary of Homeland Security.
- (e) "Wall" shall mean a contiguous, physical wall or other similarly secure, contiguous, and impassable physical barrier.
- (f) "Executive department" shall have the meaning given in section 101 of title 5, United States Code.
- (g) "Regulations" shall mean any and all Federal rules, regulations, and directives lawfully promulgated by agencies.

- (h) "Operational control" shall mean the prevention of all unlawful entries into the United States, including entries by terrorists, other unlawful aliens, instruments of terrorism, narcotics, and other contraband.
- Sec. 4. Physical Security of the Southern Border of the United States. The Secretary shall immediately take the following steps to obtain complete operational control, as determined by the Secretary, of the southern border:
- (a) In accordance with existing law, including the Secure Fence Act and IIRIRA, take all appropriate steps to immediately plan, design, and construct a physical wall along the southern border, using appropriate materials and technology to most effectively achieve complete operational control of the southern border:
- (b) Identify and, to the extent permitted by law, allocate all sources of Federal funds for the planning, designing, and constructing of a physical wall along the southern border;
- (c) Project and develop long-term funding requirements for the wall, including preparing Congressional budget requests for the current and upcoming fiscal years; and
- (d) Produce a comprehensive study of the security of the southern border, to be completed within 180 days of this order, that shall include the current state of southern border security, all geophysical and topographical aspects of the southern border, the availability of Federal and State resources necessary to achieve complete operational control of the southern border, and a strategy to obtain and maintain complete operational control of the southern border.
- Sec. 5. Detention Facilities. (a) The Secretary shall take all appropriate action and allocate all legally available resources to immediately construct, operate, control, or establish contracts to construct, operate, or control facilities to detain aliens at or near the land border with Mexico.
- (b) The Secretary shall take all appropriate action and allocate all legally available resources to immediately assign asylum officers to immigration detention facilities for the purpose of accepting asylum referrals and conducting credible fear determinations pursuant to section 235(b)(1) of the INA (8 U.S.C. 1225(b)(1)) and applicable regulations and reasonable fear determinations pursuant to applicable regulations.
- (c) The Attorney General shall take all appropriate action and allocate all legally available resources to immediately assign immigration judges to immigration detention facilities operated or controlled by the Secretary, or operated or controlled pursuant to contract by the Secretary, for the purpose of conducting proceedings authorized under title 8, chapter 12, subchapter II, United States Code.

- Sec. 6. Detention for Illegal Entry. The Secretary shall immediately take all appropriate actions to ensure the detention of aliens apprehended for violations of immigration law pending the outcome of their removal proceedings or their removal from the country to the extent permitted by law. The Secretary shall issue new policy guidance to all Department of Homeland Security personnel regarding the appropriate and consistent use of lawful detention authority under the INA, including the termination of the practice commonly known as "catch and release," whereby aliens are routinely released in the United States shortly after their apprehension for violations of immigration law.
- Sec. 7. Return to Territory. The Secretary shall take appropriate action, consistent with the requirements of section 1232 of title 8, United States Code, to ensure that aliens described in section 235(b)(2)(C) of the INA (8 U.S.C. 1225(b)(2)(C)) are returned to the territory from which they came pending a formal removal proceeding.
- Sec. 8. Additional Border Patrol Agents. Subject to available appropriations, the Secretary, through the Commissioner of U.S. Customs and Border Protection, shall take all appropriate action to hire 5,000 additional Border Patrol agents, and all appropriate action to ensure that such agents enter on duty and are assigned to duty stations as soon as is practicable.
- Sec. 9. Foreign Aid Reporting Requirements. The head of each executive department and agency shall identify and quantify all sources of direct and indirect Federal aid or assistance to the Government of Mexico on an annual basis over the past five years, including all bilateral and multilateral development aid, economic assistance, humanitarian aid, and military aid. Within 30 days of the date of this order, the head of each executive department and agency shall submit this information to the Secretary of State. Within 60 days of the date of this order, the Secretary shall submit to the President a consolidated report reflecting the levels of such aid and assistance that has been provided annually, over each of the past five years.
- Sec. 10. Federal-State Agreements. It is the policy of the executive branch to empower State and local law enforcement agencies across the country to perform the functions of an immigration officer in the interior of the United States to the maximum extent permitted by law.
- (a) In furtherance of this policy, the Secretary shall immediately take appropriate action to engage with the Governors of the States, as well as local officials, for the purpose of preparing to enter into agreements under section 287(g) of the INA (8 U.S.C. 1357(g)).
- (b) To the extent permitted by law, and with the consent of State or local officials, as appropriate, the Secretary shall take appropriate action, through agreements under section 287(g) of the INA, or otherwise, to authorize State and local law enforcement officials, as the Secretary determines are qualified and appropriate, to perform the functions of immigration officers in relation to the investigation, apprehension, or detention of aliens in the United States under the direction and the supervision of the

Secretary. Such authorization shall be in addition to, rather than in place of, Federal performance of these duties.

- (c) To the extent permitted by law, the Secretary may structure each agreement under section 287(g) of the INA in the manner that provides the most effective model for enforcing Federal immigration laws and obtaining operational control over the border for that jurisdiction.
- Sec. 11. Parole, Asylum, and Removal. It is the policy of the executive branch to end the abuse of parole and asylum provisions currently used to prevent the lawful removal of removable aliens.
- (a) The Secretary shall immediately take all appropriate action to ensure that the parole and asylum provisions of Federal immigration law are not illegally exploited to prevent the removal of otherwise removable aliens,
- (b) The Secretary shall take all appropriate action, including by promulgating any appropriate regulations, to ensure that asylum referrals and credible fear determinations pursuant to section 235(b)(1) of the INA (8 U.S.C. 1125(b)(1)) and 8 CFR 208.30, and reasonable fear determinations pursuant to 8 CFR 208.31, are conducted in a manner consistent with the plain language of those provisions.
- (c) Pursuant to section 235(b)(1)(A)(iii)(I) of the INA, the Secretary shall take appropriate action to apply, in his sole and unreviewable discretion, the provisions of section 235(b)(1)(A)(i) and (ii) of the INA to the aliens designated under section 235(b)(1)(A)(iii)(II).
- (d) The Secretary shall take appropriate action to ensure that parole authority under section 212(d)(5) of the INA (8 U.S.C. 1182(d)(5)) is exercised only on a case-by-case basis in accordance with the plain language of the statute, and in all circumstances only when an individual demonstrates urgent humanitarian reasons or a significant public benefit derived from such parole.
- (e) The Secretary shall take appropriate action to require that all Department of Homeland Security personnel are properly trained on the proper application of section 235 of the William Wilberforce Trafficking Victims Protection Reauthorization Act of 2008 (8 U.S.C. 1232) and section 462(g)(2) of the Homeland Security Act of 2002 (6 U.S.C. 279(g)(2)), to ensure that unaccompanied alien children are properly processed, receive appropriate care and placement while in the custody of the Department of Homeland Security, and, when appropriate, are safely repatriated in accordance with law.
- Sec. 12. Authorization to Enter Federal Lands. The Secretary, in conjunction with the Secretary of the Interior and any other heads of agencies as necessary, shall take all appropriate action to:

- (a) permit all officers and employees of the United States, as well as all State and local officers as authorized by the Secretary, to have access to all Federal lands as necessary and appropriate to implement this order; and
- (b) enable those officers and employees of the United States, as well as all State and local officers as authorized by the Secretary, to perform such actions on Federal lands as the Secretary deems necessary and appropriate to implement this order.
- Sec. 13. Priority Enforcement. The Attorney General shall take all appropriate steps to establish prosecution guidelines and allocate appropriate resources to ensure that Federal prosecutors accord a high priority to prosecutions of offenses having a nexus to the southern border.
- Sec. 14. Government Transparency. The Secretary shall, on a monthly basis and in a publicly available way, report statistical data on aliens apprehended at or near the southern border using a uniform method of reporting by all Department of Homeland Security components, in a format that is easily understandable by the public.
- Sec. 15. Reporting. Except as otherwise provided in this order, the Secretary, within 90 days of the date of this order, and the Attorney General, within 180 days, shall each submit to the President a report on the progress of the directives contained in this order.
- Sec. 16. Hiring. The Office of Personnel Management shall take appropriate action as may be necessary to facilitate hiring personnel to implement this order.
- Sec. 17. General Provisions. (a) Nothing in this order shall be construed to impair or otherwise affect:
 - (i) the authority granted by law to an executive department or agency, or the head thereof; or
 - (ii) the functions of the Director of the Office of Management and Budget relating to budgetary, administrative, or legislative proposals.
- (b) This order shall be implemented consistent with applicable law and subject to the availability of appropriations.
- (c) This order is not intended to, and does not, create any right or benefit, substantive or procedural, enforceable at law or in equity by any party against the United States, its departments, agencies, or entities, its officers, employees, or agents, or any other person.

DONALD J. TRUMP

THE WHITE HOUSE, January 25, 2017. IAA HSBP1017X00059 Modification P00001

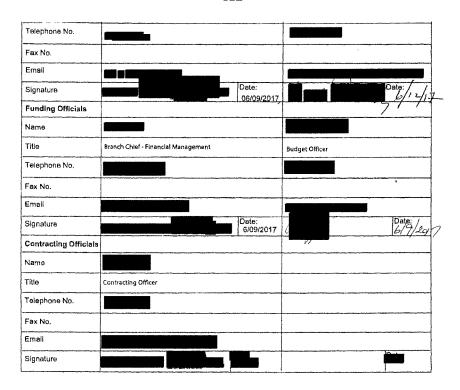
Page 1 of 4

DEPARTMENT OF HOMELAND SECURITY U.S. CUSTOMS AND BORDER PROTECTION INTERAGENCY AGREEMENT (IAA)

1. Agreement No	2. Modi	fication No.	3. Order No.		4. Requisition No.		
HSBP1017X000	59 P00001		1		0020097828		
5. Period of Pe	rformance	6. Statutory	Authority		7. Date	ate IAA Prepared	
From 04/11/2017	rom 04/11/2017 To 04/10/2021 Economy Act, 31 U.S.C. § 1535		04/11/2017				
8. Requesting	. Requesting Agency		9. Service				
Agency Name: Office/Oivision; POC:	gency Name: DHS - Customs & Border Protection (flice/Division: Customs and Border Protection OC:		Agency Name: ARMY CORPS OF ENGINEERS Office/Division: POC:			;	
Addrass:	Procurement Direct			Address:		819 TAYLOR ST RM 3A14	
POC Phone No.:	Washington	DC 2	0229	POC Pho		FT WORTH	TX 76102-0300
10. Scope of Work The purpose of Modification P00001 is to add funding in the amount \$339,000,000.00 for Replacement Fence and RGV Gates. As a result, to following changes are being incorporated: 1) An amount of \$290,500,000.00 is obligated for Replacement Fence (Funded Line Item #20). 2) An amount of \$48,500,000.00 is obligated for RoV Gates (Funded Line Item #30). 3) Total amount obligated for Modification P00001: \$339,000,000.00 4) Total obligated amount for IAA HSRP1017X00059 is increased from \$11,500,000.00 by \$339,000,000.00 to \$350,500,000.00. 11. Delivery/Shipping Schedule See Attached Delivery Schedule							
12. IAA	Amount			13. Billing and Payment			
Base Price of IAA	\$11,500,000	.00	Requesting Ag	jency			
Modification Amount	\$339,000,000.	00 Locator Co	ode: 70050800 DUNS# 8798; DHS - Custor			Locator Code: DUNS #: Address:	
Assisted Acquisition Servicing Fee	\$0.		Commercial a 6650 Telecon Indianapolis	Accounts Sec n Drive, Suite	t.	Address.	
Total IAA Price	\$350,500,000	POC: POC Phon POC Fax f POC Emai	ne #; #:	ny	10278	POC: POC Phone #: POC Fax #: POC Email:	
14. Requesting Agency TAS No.		15. Ser	vicing	Agency TAS No.			
10	070201520	17_0533000_		10		00000000	3122
20 _	0702017202	21_0532000_	77	20		00000000_	3132
30	0702017202	21 0532000		30		00000000	3132
					-		

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16. Invoice/Payment Method	17. Billing Frequency
Requesting Agency Initiate IPAC Servicing Agency Initiate IPAC Credit Card Other (explain below)	X Monthly Quarterly Semi-annually Annual Advanced Payment (explain below) Other (explain below)
18. Requesting Agency Accounting and Appropriation Da	ta
10 6999.3211USCSGLCS0942063200Z2WQ154t TAS# 07020152017 0533 20 6999.3211USCSGLCS0942063200Z2WQ1756 TAS# 07020172021 0532 30 6999.3211USCSGLCS0942063200Z2WQ1756 TAS# 07020172021 0532	33SB031101AG00 BPE753211 32AB200000AG00 BPE763211



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DEPARTMENT OF HOMELAND SECURITY U.S. CUSTOMS AND BORDER PROTECTION

INTERAGENCY AGREEMENT (IAA)

INSTRUCTIONS

- Block 1: Insert IAA number (automatic system populated).
- Block 2: Insert modification number of the IAA (automatic system populated).
- Block 3: Insert IAA order number (automatic system populated).
- Block 4: Insert IAA requisition number (automatic system populated).
- Block 5: Insert period of performance for the IAA.
- Block 6: Insert statutory authority for the IAA.
- Block 7: Insert date the IAA was prepared (automatic system populated).
- Block 8: Insert requesting agency information.
- Block 9: Insert servicing agency information.
- Block 10: Insert a brief description of the IAA requirements (scope of work) and list the applicable attachments in this block. At a minimum, the attachments should include the IAA terms and conditions, statement of work, and analysis of atternative, if applicable.
- **Block 11:** Insert the delivery and/or shipping schedule for the IAA or indicate where the delivery/shipping schedule may be found.
- Block 12: Insert the base price of the IAA, modification amount, assisted acquisition servicing fee, and total IAA price-automatic system populated.
- **Block 13:** Insert the billing and payment information for the requesting and servicing agency (requesting agency information automatic system populated).
- Block 14: Insert the requesting agency TAS number for each line item (automatic system populated).
- Block 15: Insert the servicing agency TAS number for each line item (automatic system populated).
- Block 16: Check the invoice/payment method for the IAA and explain if "other" is selected.
- Block 17: Check the billing frequency for the IAA and explain if "advanced payment" or "other" is selected.
- Block 18: Insert the requesting agency accounting and appropriation data per line item (automatic system populated).
- **Block 19:** Insert IAA approval information for the requesting and servicing agency pertaining to program officials, funding officials, and contracting officers. Include the date for each signature.

Date: June 2, 2017

TO:

Contracting Officer
Procurement Directorate
U.S. Customs & Border Protection

FROM:

Financial Management Branch Chief Border Patrol & Air and Marine Program Management Office

SUBJECT: Request for Modification- HSBP1017X00059

The Border Patrol & Air and Marine Program Management Office (BPAM PMO) requests a modification to the IAA for HSBP1017X00059 (PR 20097828), as follows:

- 1) Add additional funding in the amount of \$339,000,000.00. Additional funding is to be used for replacement fence projects in El Centro Sector, San Diego Sector, El Paso Sector as well as gates in Rio Grande Valley Sector. All work is covered within the existing SOW as shown in the "FY17 & FY18 IAA Wall Funding" table on page 5 of the SOW, replacement fence is covered under section 2.4 and gates under section 2.8. This funding has been added to PR 20097828 on multiple lines as follows:
 - \$290,500,000.00 on line 20 for Replacement Fence.
 - \$48,500,000.00 on line 30 for Gates.

Please refer any questions to BPAM Program Management Office
The Servicing Agency point of contact is
Director, SWD Border Infrastructure PMO

Thank you.

Financial Management Branch Chief Border Patrol & Air and Marine Program Management Office

Attachment "A"

Summary of FY17 PC&I	Funding
Programs	
1.0 Replacement Fence	297,500,000,00
1.1 USACE Program Support	
1.2 Replacement Fence	- 208/000/000/00
1.2.1 ELP 20 miles	
1.2.2 ELP 4 miles	20,800,000.00
1.2.3 SDC 14 miles	72,800,000:00
1.2.4 ELC 2 miles	10,400,000.00
1.3 Change Management Reserve	70,500,000:00
2.0 RGV Gates	43,500,000,00
2.1 RGV Gates	48,500,000.00
	-
Grand Total	339,000,000.00



DEPARTMENT OF THE ARMY U.S. ARMY CORPS OF ENGINEERS 441 G STREET, NW WASHINGTON, D.C. 20314-1000

CEMP-CN

12 June 2017

MEMORANDUM FOR Southwestern Division Director for Border Infrastructure PMO and Fort Worth District Resource Management Office

SUBJECT: Customer Order Funding Guidance for Customs and Border Patrol

- 1. Fort Worth District (SWF) is authorized to load the attached IAA Modification (HSBP1017X00059 P0001) in CEFMS for the increased amount of \$350,500,000.00.
- 2. A funding Directive will follow that provides SWF the authority to undertake the activities detailed in the attached SOW in support of the U.S. Border Wall U.S. Customs and Border Protection (CBP).
- 3. Please contact me at have any questions.

Enclosures

- 1. IAA HSBP1017X00059 P0001
- Border Barrier Systems IAA SOW Mod P0001

Senior Program Manager Interagency and International Services HQUSACE IAA HSBP1017X00059 Modification P00002

Page 1 of 4

DEPARTMENT OF HOMELAND SECURITY U.S. CUSTOMS AND BORDER PROTECTION INTERAGENCY AGREEMENT (IAA)

HSBP1017X00059			
From 04/11/2017 To 04/10/2021 Economy Act, 31 U.S.C. § 1535 O4/11/2017			
From 04/11/2017 To 04/10/2021			
8. Requesting Agency Agency Name: Office/Division: POC: Address: 1300 Pennsylvania Ave, NW Procurement Directorate - NP 1310 Washington 0 Servicing Agency Agency Name: Office/Division: POC: Address: 4 ARMY CORPS OF ENGINEERS Office/Division: POC: Address: 819 TAYLOR ST RM 3A14 FT WORTH TX 761			
Agency Name: Office/Division: POC: Address: Address: Address: Agency Name: Office/Division: POC: Address: Address: ARMY CORPS OF ENGINEERS Office/Division: POC: Address: B19 TAYLOR ST RM 3A14 Procurement Directorate - NP 1310 Washington DC 20229 FT WORTH TX 761	the section is not expense.		
Address: 1300 Pennsylvania Äve, NW Address: 819 TAYLOR ST RM 3A14			
	02-0300		
1) An amount of \$743,000.00 is obligated for Rorder Barrier Systems requirements (Funded Line Item #40), 2) Total amount obligated for Modification P00002: \$743,000.00 3) Total obligated amount for IAA HSBP1017X00059 is increased from \$350,500,000.00 by \$/43,000.00 to \$351,243,000.00, 11. Delivery/Shipping Schedule See Attached Delivery Schedule			
12. IAA Amount 13. Billing and Payment			
Base Price of IAA \$350,500,000.00 Requesting Agency Servicing Agency			
Modification			
Assisted Acquisition \$0.00 Servicing Foo Solutions Solutions Solutions Solutions Solution Solutions Soluti			
POC:			
14. Requesting Agency TAS No. 15. Servicing Agency TAS No.			
1007020152017_05330001000000000_3122			
2007020172021_05320002000000000_3122			
3007020172021_0532000_			
40 07020152017_0533000_ 4000000000_3122_			

Page	2	of	4	
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16. Invoice/Payment Method	17. Billing Frequency
Requesting Agency Initiate IPAC Servicing Agency Initiate IPAC Credit Card Other (explain below)	X Monthly Quarterly Semi-annually Annual Advanced Payment (explain below)
	Other (explain below)
18. Requesting Agency Accounting and Appropriation D	ata
10 6999.3211USCSGLCS0942063200Z2WQ154 TAS#07020152017 0533 20 6999.3211USCSGLCS0942063200Z2WQ176 TAS#07020172021 0532 30 6999.3211USCSGLCS0942063200Z2WQ176 TAS#07020172021 0532 40 6999.3211USCSGLCS0942063200Z2WQ154 TAS#07020172021 05532	163SB031101AG00 BPE753211 562AB200000AG00 BPE763211 562AB200000AG00 BPE773211
1/AS# 0/020102011 0000	

Page 3 of 4

Program Officials	Requesting Agency		Servicing Agency
Name		-	
Title	Contracting Officer's Representative		Chief, Interagency and International Services
Telephone No.		The second secon	
Fax No.			
Email			
Signature		Date:	Date/ 9/2-6
Funding Officials			
Name			
Title	Branch Chief - Financial Management		Budget Officer
Telephone No.			
Fax No.			
Email			
Signature		Date:	Date:
Contracting Official	s		
Name			
Title	Contracting Officer		
Telephone No.			
Fax No.			
Email			
Signature		Date: 9/22/17	Date:

Page 4 of 4

DEPARTMENT OF HOMELAND SECURITY U.S. CUSTOMS AND BORDER PROTECTION

INTERAGENCY AGREEMENT (IAA)

INSTRUCTIONS

- Block 1: Insert IAA number (automatic system populated).
- Block 2: Insert modification number of the IAA (automatic system populated).
- Block 3: Insert IAA order number (automatic system populated).
- Block 4: Insert IAA requisition number (automatic system populated).
- Block 5: Insert period of performance for the IAA.
- Block 6: Insert statutory authority for the IAA.
- Block 7: Insert date the IAA was prepared (automatic system populated).
- Block 8: Insert requesting agency information.
- Block 9: Insert servicing agency information.

Block 10: Insert a brief description of the IAA requirements (scope of work) and list the applicable attachments in this block. At a minimum, the attachments should include the IAA terms and conditions, statement of work, and analysis of alternative, if applicable.

- Block 11: Insert the delivery and/or shipping schedule for the IAA or indicate where the delivery/shipping schedule may be found.
- Block 12: Insert the base price of the IAA, modification amount, assisted acquisition servicing fee, and total IAA priceautomatic system populated.
- **Block 13:** Insert the billing and payment information for the requesting and servicing agency (requesting agency information automatic system populated).
- Block 14: Insert the requesting agency TAS number for each line item (automatic system populated).
- Block 15: Insert the servicing agency TAS number for each line item (automatic system populated).
- Block 16: Check the invoice/payment method for the IAA and explain if "other" is selected.
- Block 17: Check the billing frequency for the IAA and explain if "advanced payment" or "other" is selected.
- Block 18: Insert the requesting agency accounting and appropriation data per line item (automatic system populated).
- **Block 19:** Insert IAA approval information for the requesting and servicing agency pertaining to program officials, funding officials, and contracting officers. Include the date for each signature.

IAA HSBP1017X00059 Modification P00003

Page 1 of 5

DEPARTMENT OF HOMELAND SECURITY U.S. CUSTOMS AND BORDER PROTECTION INTERAGENCY AGREEMENT (IAA)

 Agreement No 	. 2. Modi	fication No.	3. Order No.	4. Re-	quisition No.		
HSBP1017X0005	9 P00003				0020097828		
5. Period of Per	formance	6. Statutory	Statutory Authority		e IAA Prepared		
From 04/11/2017 1	To 04/10/2021	Economy Act, 3	onomy Act, 31 U.S.C. § 1535		04/11/2017		
8. Requesting A	Agency			9. Servicing Ag	jency		
	ency Name: DHS - Customs & Border Protection ice/Division: Customs and Border Protection			Agency Name: ARMY CORPS OF ENGI Office/Division: POC:		EERS	
Address:	1300 Pennsylvania Procurement Direc	torate - NP 1310		Address:	819 TAYLOR ST RM 3A14		
POC Phone No.:	Washington	DC 2	0229	POC Phone No.:	FT WORTH	TX 76102-0300	
3) As a result of #1	and #2 above, the amount for IAA HS	overall total am BP1017X00059 i	ount obligated for s increased from	or Modification P00 \$351,243,000.00 to)03: \$161,376.77. \$351.404.376.77		
	ipping Schedu	le					
11. Delivery/Sh i See Attached Del	ipping Schedu	le			and Payment		
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11. Delivery/Shi See Attached Del 12. IAA Base Price of IAA Modification	ipping Schedule ivery Schedule Amount \$351,243,000 \$161,376	0.00 Locator Co	DUNS# 8798: DUNS# 8798: DHS - Custor Commercial	13. Billing gency 24324 ns & Border Protection Accounts Sect. n Drive, Suite 100	and Payment Servicin Locator Code: DUNS #:	ng Agency	
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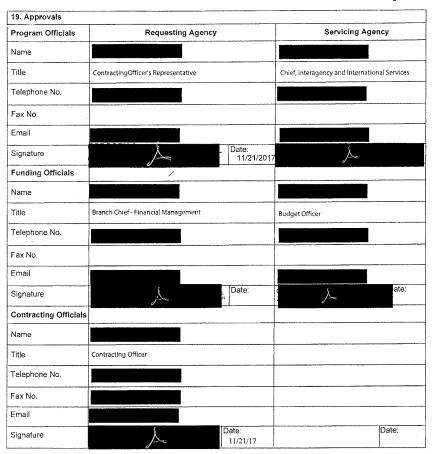
Page 2 of 5

14. Requesting Agency TAS No. (Continued)		15. Servicing Agency TAS No. (Continued)		
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Page 3 of 5

16. Invoice/Payment Method	17. Billing Frequency
Requesting Agency Initiate IPAC Servicing Agency Initiate IPAC Credit Card Other (explain below)	Monthly Quarterly Semi-annually Annual Advanced Payment (explain below) Other (explain below)
18. Requesting Agency Accounting and Appropriation Da	ta
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DEPARTMENT OF HOMELAND SECURITY U.S. CUSTOMS AND BORDER PROTECTION

INTERAGENCY AGREEMENT (IAA)

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Post-Hearing Questions for the Record Submitted to Major General Donald E. Jackson From Senator Claire McCaskill

"2017 Hurricane Season: Oversight of the Federal Response"

October 31, 2017

USACE Response

Attachment B

Question 8: Names and DUNS numbers for contractors that USACE has retained for replacement fencing construction

				Contractor		Contract		_
**	Action	Location	IAA			147	Scope of Work	
				Name	DONS	Amount (5)		
-	1 Prototype Support	Otay Mesa, CA	HSBP1017X00059	HSBP1017X00059 Horizon Surveys LLC	78825708	\$6,900.00	Stake the northern boundary line of Federally owned Tract #703. In support of Prototype construction effort	
7	2 RGV-01, 2.9 mi Levee Wall	Santa Ana NWR, TX	HSBP1017X00059	Santa Ana NWR, TX HSBP1017X00059 Michael Baker International	182698449	\$3,702,734.49	Conduct surveys, 100% Design and prepare solicitation documents	
	0 06V 03 7 0 mil 1000 Well	Hidolog Co. TV	HSBP1017X00059	HSBP1017X00059 Michael Baker International	182698449	Included in RGV-01 award	Conduct surveys	
^	NOV-OC, 7.5 IN LEVEE WAII	madigo co, TA	HSBP1017X00059 O'Brien	O'Brien	0790794960	\$302,450.20	Prepare 35% design and solicitation documents	
4	RGV-03, 10.8 mi Levee and Non-Hidalgo Co, TX	Hidalgo Co, TX	HSBP1017X00059	HSBP1017X00059 Michael Baker International	182698449	Included in RGV-01 award	Conduct surveys	
	lever wan		HSBP1017X00059 Prime	Prime	078373181	\$621,749.91	Prepare 35% design and solicitation documents	
2	5 RGV-04, 11.2 mi Levee Wall	Hidalgo Co, TX	HSBP1017X00059	HSBP1017X00059 Michael Baker International	182698449	Included in RGV-01 award	Conduct surveys	
			HSBP1017X00059	EJES	007334761	\$807,811.78	Prepare 35% design and solicitation documents	
9	6 RGV Planning, Hidalgo County	Hidalgo Co, TX	HSBP1017X00059	HSBP1017X00059 Premier Land Services	795432272	\$417,644.46	Identify landowners, provide title abstracts, provide title evidence	
	7 RGV-05, 2.2 mi Non-Levee Wall Starr Co, TX	Starr Co, TX	HSBP1017X00059	HSBP1017X00059 Michael Baker International	182698449	Included in Conduct sur RGV-01 award documents	Conduct surveys, 35% Design and prepare solicitation documents	
-	DGV Dlancing Cean's County	VT C) source	HS8P1017X00059	HS8P1017X00059 Michael Baker International	182698449	Included in RGV-01 award	Conduct surveys	1
	o Ind v Harming, start County	3(dil CU, 1A	HSBP1017X00059	HSBP1017X00059 Premier Land Services	795432272	\$3,000,000.00	Identify landowners, provide title abstracts, provide title evidence	
6	9 SDC 14 mi Secondary Wall	San Diego Co, CA	HSBP1017X00059	HSBP1017X00059 Michael Baker International	182698449	\$435,349.32	Conduct surveys, 35% Design and prepare solicitation documents	

430

Questions for the Record

Robert Kadlee, MD

U.S. Department of Health and Human Services (HHS); Assistant Secretary for Preparedness and Response (ASPR)

Senate Committee on Homeland Security and Governmental Affairs

2017 Hurricane Season: Oversight of the Federal Response

Tuesday, October 31, 2017

Sen. Gary Peters:

- 1. The official death count as of October 30, 2017 surprisingly remained at 51 people, despite the fact that since September 28, there have been multiple reports that morgues are at capacity and that many hurricane-related deaths are not being officially counted. There are recent reports that funeral homes are cremating bodies before the deaths can be reported as hurricane-related. Puerto Rican officials attribute any inaccuracies to a lack of communication by crematoriums, despite evidence that the central authoritics have given permission to crematoriums to burn the bodies.
 - a. Does Puerto Rico have enough medical examiners available to handle the volume of deaths resulting from hurricanes Irma and Maria?

After a thorough assessment, I can confirm that the Commonwealth of Puerto Rico has had the capacity and capabilities necessary to manage fatalities resulting from Hurricanes Irma and Maria

b. Have Disaster Mortuary Teams been requested through HHS?

The Puerto Rico Department of Health requested HHS Disaster Mortuary Assistance Teams (DMORT) to assist with morgue operation. In response, the National Disaster Medical System deployed two DMORT teams over a 30 day period to ensure that remains were treated quickly and with proper care.

c. Are additional resources necessary?

We appreciate all the support Congress has provided; however, HHS does not need additional resources related to mortuary services at this time.

2. When did HHS become aware that bodies of the deceased were being cremated before they could be properly recorded?

Death reporting and death certification standards are exclusively within the legal authority of the Government of Puerto Rico. The Government of Puerto Rico controls the process for death certification, death records, disposition, and the burial or cremation of remains. HHS was not involved in this process.

 ${\bf 3. \ How \ is \ HHS \ addressing \ the \ fact \ that \ bodies \ are \ being \ cremated \ before \ they \ are \ recorded \ as \ attributable \ to \ the \ hurricanes?}$

Please see previous response.

Senator Claire McCaskill

Please provide a full description of the protocols and procedures that have been used to determine
whether a patient is cligible for treatment aboard the USNS Comfort, including any changes that
were made while the hospital ship was deployed to Puerto Rico.

The USNS Comfort, which can be configured and staffed as a 1000-bed trauma hospital for DoD combat missions, was deployed to Puerto Rico in a Defense Support of Civil Authorities (DSCA) mission in a tailored humanitarian 250-bed configuration that could be expanded if additional support from USNS Comfort was needed. Instructions were not included with the USNS Comfort stating that it should not admit patients until every single bed was filled in the Puerto Rico health care system. The ship was sent to support civilian authorities (the Puerto Rico Department of Health [DOH] in coordination with Centro Medico and HHS).

Shortly after arrival, the USNS Comfort promptly received multiple high-acuity, critical care/ICU patients from two Puerto Rican hospitals that had catastrophic generator failures. Additionally, the presence of the USNS Comfort in San Juan after October 27, 2017, enabled a disaster medical assistance triage area with HHS and the Puerto Rico DOH that provided care to patients. Over the course of a 44-day relief mission (October 3 – November 15, 2017), 6,003 outpatients were seen in both tents and onboard the ship at the USNS Comfort location. The ship saw an average of 139 patients per day. A total of 1,993 patients were seen onboard the ship due to levels of care that exceeded initial triage capabilities or because they were directly referred to USNS Comfort via the Puerto Rico DOH medical operations center.

Upon USNS Comfort's arrival to San Juan on October 3, 2017, the Joint Field Office (JFO) Medical Operations Center (MOC), located in the San Juan Convention Center, was established in order to unify all patient-related agencies in one location. Led by the DoD Joint Forces Land Component Command (JFLCC), it was also used to expedite requests from the Puerto Rico DOH through Centro Medico to HHS and the DoD. The MOC was manned 24/7 by members of Puerto Rico DOH, HHS, the Joint Force Maritime Component Commander (CTF-189), and the Joint Force Land Component Commander.

The initial agreed upon protocol was for all requests to be funneled through Puerto Rico's Level 1 Trauma Center, Centro Medico, which would analyze its capability/capacity to care for patients. If the request was to exceed Centro Medico's capability/capacity, the patient transfer request from Centro Medico's administration would come to the MOC for action. The MOC, with all its personnel, would assess the request and coordinate with USNS Comfort for acceptance and receipt of patient. This was done to ensure that the USNS Comfort had the medical capability to care for the patient. This protocol lasted for a period of two weeks and was modified due to Centro Medico's inability to keep up with local demands, hence the establishment of a new protocol.

The primary intent of the new protocol was to gain flexibility, responsiveness, and efficiencies required to expeditiously address patient movement requests to the USNS Comfort, the U.S. Army Combat Support Hospital, and the U.S. Air Force Expeditionary Medical System in Puerto Rico. The new procedure, approved by the Puerto Rico DOH, allowed all operational regional hospitals to bypass Centro Medico and call the MOC directly. This new process improved DoD's ability to accept patients.

The MOC, when notified that a patient needed to be moved, always reviewed a patient condition to determine which DoD or civilian hospital was best equipped for further treatment.

2. What specific medical conditions qualify a patient for treatment?

Please see the response to question #1

3. Throughout the response to Hurricane Maria, who has ultimately been responsible for determining whether a patient is eligible for treatment aboard the USNS Comfort?

Please see the response to question #1.

4. Media reports have stated that the USNS Comfort is capable of treating 200 patients per day – with 250 hospital beds available during the Hurricane Maria mission. Are these figures accurate? Please cite the USNS Comfort's total patient capacity and total number of medical personnel aboard the ship during the Hurricane Maria mission.

Please see the response to question #1. The total number of medical personnel embarked onboard USNS Comfort during the Hurricane Maria mission was 529.

5. How many referrals has the USNS Comfort received during the Hurricane Maria mission, and who made those referrals?

Please see the response to question #1.

6. Of all of the referrals the USNS Comfort has received, how many patients were admitted – and treated – aboard the hospital ship during the Hurricane Maria mission?

Please see the response to question #1.

Please explain the role of the U.S. Department of Health and Human Services (HHS) in developing
the admission protocols for the USNS Comfort in conjunction with the Puerto Rican Department of
Health.

Please see the response to question #1.

- 8. Please describe the current state of HHS efforts to address public health and medical services of Puerto Rico as specified in Tab 2 to Appendix 2 of the FEMA Region II Hurricane Annex for PR and VI.
- 9. HHS is the primary agency for Emergency Support Function #8 as outlined in the National Response Framework (NRF). In support of the territory, HHS is ensuring that core capabilities for public health and medical services, as outlined in the NRF and the Federal Interagency Operational Plan (FIOP)-Response, and subsequently in the FEMA Region II Hurricane Annex for PR and VI, are addressed in an efficient and effective manner. Specifically, HHS has and continues to: provide assets to augment medical care within impacted communities; support patient transport requirements; and support recovery efforts. When did Centers for Disease Control and Prevention (CDC) personnel physically arrive in Puerto Rico?

On September 10, 2017, CDC began deploying staff to aid in response and recovery for Puerto Rico. It is important to note that CDC has had staff on the ground in Puerto Rico even prior to hurricane Maria making landfall. CDC's Dengue Branch and San Juan Quarantine Station have staff permanently assigned in Puerto Rico. CDC leveraged existing human resources to begin assisting Puerto Rico with response efforts. CDC will continue to have long-term staff on the island and continue to work with Puerto Rico beyond the recovery period.

10. What efforts are CDC personnel making to assess the risks associated with infectious diseases in Puerto Rico, and what efforts are being made to communicate those risks with Puerto Ricans and travelers to the Commonwealth?

As part of the work to get the public health laboratory back in operation, CDC personnel have deployed to assist Puerto Rico Department of Health (PRDOH) in assessing their immediate laboratory needs, including equipment and supplies that have been damaged and need to be fixed or replaced. CDC has also partnered with the Association of Public Health Laboratories (APHL) to conduct a laboratory assessment to understand the current status of laboratory activities, prioritize activities to restore essential testing services, and determine long-term needs. These assessments identified a need for critical lab supplies and equipment for PRDOH labs to replace what was damaged during the hurricane. CDC, in accordance with statutory authority, is working with the CDC Foundation to fulfill these needs.

CDC's Dengue Branch has resumed surveillance for arboviruses (mosquito-borne and other insect-borne viruses) like Zika, dengue, and chikungunya in Puerto Rico. Arbovirus disease surveillance in Puerto Rico includes mosquito surveillance in forests, open fields, swamps, and high- and low-density urban areas to determine mosquito densities and advise local and Federal authorities on control measures. Additionally, CDC's National Syndromic Surveillance Program is routinely monitoring approximately 115 syndromic surveillance data groupings. These data are medical data resulting from on-the-ground patient-provider contacts that provide awareness of disease trends and are used to help guide response actions. CDC has also partnered with the Department of Vetcrans Affairs (VA) to develop an enhanced surveillance system monitoring priority infectious diseases at Puerto Rico's main VA medical center and the island's two largest VA community-based outpatient clinics.

CDC has made substantial efforts to communicate the risks associated with infectious diseases with Puerto Ricans, travelers to Puerto Rico, and others who play roles in response and recovery efforts. CDC has developed fact sheets, educational materials, public service announcements, social media, flyers and posters in 17 priority public health response and recovery areas. These materials have been translated into multiple languages, including Spanish tailored for Puerto Rico, and include information on critical public health topics for the hurricane-affected areas. These topics include mosquito control and bite prevention, safe food and water, handwashing and hygiene, preventing leptospirosis and other diseases, coping after a disaster, safe use of generators, conjunctivitis, mold clean up, cistern cleaning, scabies, and diarrhea. CDC has also developed a full set of and frequently updates hurricane key messages (www.cdc.gov/disasters/hurricanes/index.html) that are regularly distributed to a list of 50,000 emergency public health partners and are available to the public online. In addition, CDC developed a messaging "toolkit" to help people with loved ones affected by the hurricanes share health and safety messages. This toolkit can be found at. https://www.cdc.gov/disasters/hurricanes/diaspora_toolkit.html.

Printed materials continue to be the primary channel for reaching people with health messages in the absence of power, internet and cellular connections. As of November 27, CDC staff in Puerto Rico collaborated with PRDOH and other partners to distribute 953,988 flyers and posters (www.cdc.gov/disasters/hurricanes/educationalmaterials.html). PRDOH, the Puerto Rico Emergency Management Agency, the Puerto Rico Department of Education, and Federal agencies, including FEMA, are all helping distribute these flyers through their channels. CDC has also delivered the flyers to non-profit and faith-based organizations, shelters, and hospitals.

CDC has also developed guidance for those traveling to Puerto Rico, including emergency response and humanitarian aid workers. The travel notice developed by CDC regarding Hurricanes Irma and Maria in the Caribbean contains approaches to prevent illness and injury and the information can be found at https://wwwnc.cdc.gov/travel/notices/alert/hurricane-irma-and-maria-in-the-caribbean. Valuable information for responders and humanitarian aid workers are provided at https://www.cdc.gov/disasters/hurricanes/hurricane-maria.html.

11. What infectious diseases has the CDC determined to be a direct result of Hurricane Maria?

Given the damage to laboratory and surveillance infrastructure, it is difficult to understand the level of risk of infectious diseases on Puerto Rico and its association with the hurricane. CDC is assisting Puerto Rico in the various ways described in question 10 above. As recovery continues, CDC hopes to gain more clarity on the status of infectious diseases in Puerto Rico and stands ready to assist PRDOH as needed.

The U.S. Virgin Islands (USVI) also experienced significant damage to their public health infrastructure as a result of Hurricane Maria, which similarly makes it difficult to determine the association between the impact of the hurricane and infectious disease. On November 12, 2017, a CDC team deployed to the U.S. Virgin Islands to assist in investigations of disease, as requested. The CDC team is assisting the USVI Department of Health with patient screening guidance and rapid diagnostic tests for leptospirosis and melioidosis to supplement pre-existing surveillance activities. The team is also assisting in the coordination of shipping diagnostic samples to CDC for confirmatory testing, investigating confirmed and probable cases of leptospirosis and melioidosis in an attempt to discover the exposures that led to infection, and conducting public and clinician outreach and education regarding leptospirosis and melioidosis. CDC has also provided on-the-ground technical consultation to USVI regarding vector control.

12. What, if any, analysis has HHS conducted regarding the impact of Hurricane Maria on the Strategic National Stockpile? What were the results of any analysis that has been conducted? If shortages have been identified, what specific medical countermeasures have been impacted?

Hurricane Maria and the ensuing public health response in Puerto Rico and USVI have not created any supply chain challenges or shortages for the products held in the Strategic National Stockpile (SNS). The manufacturers and distributors of SNS-held products have not identified any challenges in producing and delivering products to meet SNS requirements and contracts, including products required to replenish or replace Federal Medical Stations and other SNS products deployed in support of the response. Based on this information from manufacturers, no formal impact analysis has been requested or required to date. If impacts on SNS capacity or access to required medical countermeasures are identified during the response or through the After Action Review process, CDC will evaluate and analyze the issue and implement corrective actions, as required.

13. Please describe the efforts your agency has made to meet the specific needs of persons with disabilities during the response to and recovery from Hurricanes Harvey, Irma, and Maria.

In response to Hurricanes Harvey, Irma and Maria, ASPR leveraged the Health Subcommittee of the Interagency Coordinating Council (ICC) on Emergency Preparedness and Individuals with Disabilities to convene calls to share response updates and gather situational awareness on impacts to human services that support the access and functional needs of people with disabilities and older adults. Furthermore,

ASPR established a Taskforce on Aging and Disability to address unmet supports and social services needs for at-risk individuals impacted by the 2017 hurricanes. ASPR convened HHS colleagues from the Administration on Community Living (ACL) and the Office for Civil Rights who worked together fulltime during the month of November 2017 to gather and validate information on programs impacted in Puerto Rico and USVI to help define requirements for response and recovery activities. The unprecedented impacts of Hurricanes Irma and Maria on the territories created opportunities for establishing new strategies and lessons learned. This was the first time that ASPR convened a short-term taskforce with ACL colleagues. The coordination allowed HHS to focus on receiving clear updates, implications for impacted programs, and define necessary activities to facilitate recovery. The Aging and Disability Taskforee highlighted the importance of coordinating with various stakeholders and serves as a model to address immediate at-risk population specific concerns and shortfalls for future disasters and public health emergencies.

ASPR works to address these needs even when it is not responding to an event. ASPR leads activities in coordination with HHS agencies and other partners to integrate people with disabilities during disasters and public health emergencies. ASPR chairs an HHS-wide workgroup on integrating people with disabilities and other aecess and functional needs into preparedness and response through the Health Subcommittee of the Interagency Coordinating Council (ICC) on Emergency Preparedness and Individuals with Disabilities. Through the ICC Health Subcommittee, ASPR gathers, develops, and disseminates information to HHS programs including guidance, data sources, job aids, factsheets, and planning tools to increase state and local capacity to identify and include people with disabilities and others with access and functional needs in emergencies such as the "Guidance on Integrating People with Access and Functional Needs into Disaster Preparedness Planning for States and Local Governments" (8/8/2016) that summarizes guidance, executive orders, legislation, regulations, and promising practices. Additionally, ASPR recently published guidance on "Working with Older Adults and People with Disabilities: Tips for Treatment and Discharging Planning" (12/1/2017). Likewise, ASPR provides webinars and technical assistance, and participates in professional meetings to disseminate information on integrating the access and functional needs of at-risk individuals. Last year, ASPR partnered with ACL to present a session on integrating access and functional needs entitled, "Emergency Preparedness: Innovations and Information to Enhance Planning for Vulnerable Populations" at the National Association for Area Agencies on Aging (8/1/17).

In response to Hurricanes Harvey, Irma, and Maria, CDC established the At-Risk Task Force as part of the CDC Emergency Operations Center Incident Command Structure to ensure the needs of at-risk populations, including persons with disabilities, were identified and prioritized. The At-Risk Task Force engaged with agency subject matter experts, health departments, Federal partners, non-governmental organizations, and other emergency response partners to advocate for and respond to the at-risk populations needs. CDC disseminated key messages for persons with disabilities. CDC collaborated with FEMA to create and disseminate five American Sign Language hurricane public service announcement videos specific to flood water, mold, shelter and evacuation, safe water, returning home safely, and debunking rumors.

Senator John McCain

 From the perspective of the Department of Health and Human Services, how has the Jones Act impacted relief efforts as a whole, and how would a repeal of the Jones Act for Puerto Rico ease relief efforts?

While the Department of Health and Human Services (HHS) has not specifically analyzed the impact of the Jones Act, we do not believe it materially impacted relief efforts that are the direct responsibility of HHS. We would note that HHS is using a FEMA contractor that complies with the Jones Act to bring in materials and supplies.

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