



Federal Implementation Guideline for Electronic Data Interchange

ASC X12 003050 Transaction Set 805 Contract Pricing Proposal

Implementation Convention



U.S. DEPARTMENT OF COMMERCE
Technology Administration
National Institute of
Standards and Technology

Federal Implementation Guideline for Electronic Data Interchange

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Electronic Commerce Acquisition Program Management Office
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U.S. DEPARTMENT OF COMMERCE
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Reports on Information Technology

The National Institute of Standards and Technology (NIST)'s Information Technology Laboratory (ITL) develops standards and guidelines, provides technical assistance, and conducts research for computers and resources. As part of the overall federal effort to establish a single face to industry for conducting electronic commerce, ITL has been designated as the organization responsible for coordinating the development of Federal Implementation Conventions (ICs) for Electronic Data Interchange (EDI). ICs are defined by functional-area experts who create and select options from standard EDI Transaction Sets to yield the implementations to be used for practical EDI. These ICs are made available to federal agencies and industry by electronic means and this Special Publication Series.

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805 Contract Pricing Proposal

Functional Group ID=CP

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Contract Pricing Proposal Transaction Set (805) cover sheet and pricing support detail for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set enables the transmission of cost and pricing data for a given contract action and provides pricing support detail data or references where that data can be found in the proposal.

Notes:

1. This transaction set is used by a contractor to provide "cost or pricing data" or "information other than cost or pricing data" (hereafter referred to by the term data) requested by a contracting officer in accordance with the provisions of the Federal Acquisition Regulation 15.8
2. This transaction set can be used to provide data for a solicitation or for a single award instrument, e.g., a contract, a delivery order, etc.; for a modification to an award instrument; or for several modifications to an award instrument when the data does not need to be identified to a specific modification.
3. Supporting data that is not contained in this transaction set shall be provided in the 251 transaction set.
4. All numbers cited in this transaction set shall be transmitted as a continuous number without extraneous characters except where such characters are a part of the number.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BCP	Beginning Segment for Contract Pricing Proposal	M	1		
Must Use	030	SPI	Specification Identifier	M	1		
	035	REF	Reference Numbers	O	20		
	040	MSG	Message Text	O	>1		
	050	CUR	Currency	O	1		
LOOP ID - N1							>1
	060	N1	Name	O	1		n1
	070	N2	Additional Name Information	O	2		
	080	N3	Address Information	O	2		
	090	N4	Geographic Location	O	1		
	100	DTM	Date/Time Reference	O	2		
	110	G61	Contact	O	2		
LOOP ID - CBS							>1
	120	CBS	Cost Breakdown Structure	O	1		
	130	JIL	Line Item Detail for the Operating Expense Statement	O	1		
	140	LIN	Item Identification	O	1		
	150	MSG	Message Text	O	>1		
LOOP ID - CB1							>1

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	160	CB1	Contract and Cost Accounting Standards Data	O	1	n2
	170	MSG	Message Text	O	>1	
	180	N9	Reference Number	O	>1	
			LOOP ID - N1		>1	
	190	N1	Name	O	1	n3
	200	N2	Additional Name Information	O	2	
	210	N3	Address Information	O	2	
	220	N4	Geographic Location	O	1	
N/U	230	DTM	Date/Time Reference	O	2	
N/U	240	G61	Contact	O	1	

Detail:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
010	PL	Proposal Cost Logic	O	>1		
		LOOP ID - HL		>1		
020	HL	Hierarchical Level	O	1		
030	REF	Reference Numbers	O	1		
		LOOP ID - PD		>1		
040	PD	Pricing Data	O	1		n4
045	SPI	Specification Identifier	O	1		
050	REF	Reference Numbers	O	5		
060	PDD	Pricing Data Detail	O	>1		
070	MSG	Message Text	O	>1		
		LOOP ID - N1		>1		
080	N1	Name	O	1		n5
090	N2	Additional Name Information	O	2		
100	N3	Address Information	O	2		
110	N4	Geographic Location	O	1		
N/U	120	REF	O	>1		

Summary:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
		LOOP ID - LX			2	
010	LX	Assigned Number	O	1		
020	G61	Contact	O	1		
030	AMT	Monetary Amount	O	4		n6
Must Use	040	SE	M	1		

Transaction Set Notes

1. When the N1 loop is used, it will carry the name and address of a party pertinent to the proposal, such as the proposing party, the place(s) of performance, the contract administration, and auditing offices.
2. When CB101 is code ``01," ``05," ``08," ``10," ``11," ``12," ``14" or ``17," discussion will be carried in the MSG segment in the CB1 loop; numbers and their text descriptions will be carried in the N9 segment of the CB1 loop.
3. When the N1 loop is used, it will carry the name and address of a party needed to clarify a response to a question answered in the CB1 loop, such as party for whom the same or a similar item as the one being proposed, has been previously produced.

4. PD03 is the unit of measurement for the data contained in the PD loop.
5. When the N1 loop is used, it will carry the name and address of a party related to the proposal data such as a major subcontractor whose cost or price information has been rolled up into this price proposal.
6. When the AMT segment is used, it can carry amounts such as the proposed cost, total proposed fee, total proposed profit, total cost of money, total proposed price or alternate proposed price.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 805 X12.195 Contract Pricing Proposal	M ID 3/3
Must Use	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>A unique number assigned by the originator of the transaction set or by the originator's application program. This number is the same one carried in SE02.</i>	M AN 4/9

Segment: **BCP** Beginning Segment for Contract Pricing Proposal

Position: 020

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To indicate the beginning of a Contract Pricing Proposal Transaction Set and transmit identifying numbers and dates

Syntax Notes:

Semantic Notes:

- 1 BCP04 is the start of the proposer's fiscal year.
- 2 BCP07 is the transaction creation date.
- 3 BCP08 is the transaction creation time.
- 4 BCP10 is the revision number of the proposal.
- 5 BCP11 is the option number being proposed.
- 6 BCP12 is the description of an "other" type of contract action.
- 7 BCP13 is the description of an "other" type of contract.

Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	BCP01	353	Transaction Set Purpose Code Code identifying purpose of transaction set	M ID 2/2
			00 Original <i>Use to indicate an original cost or price proposal.</i>	
			01 Cancellation <i>1. Use to indicate a withdrawal of a previously transmitted original or revised cost or price proposal.</i> <i>2. Do not use to cancel a cost or price proposal that is being revised and submitted using code 15.</i>	
			07 Duplicate <i>Use to indicate a retransmission, without change, of a previously transmitted cost or price proposal.</i>	
			15 Re-Submission <i>Use to indicate a revision to a previously transmitted cost or price proposal. This revision constitutes a complete overwrite of the previous transmission.</i>	
Must Use	BCP02	128	Reference Number Qualifier Code qualifying the Reference Number.	M ID 2/2
			CT Contract Number <i>Use to indicate the award instrument number applicable to the cost or price proposal. This is always the Procurement Instrument Identification Number (PIIN) for DoD or the equivalent expression for Civilian Agencies. This is never the delivery order, call, or release number. That number is carried in the 1/REF/035 segment citing code DO in REF01.</i>	
			KS Solicitation <i>Use to indicate the solicitation number applicable to the cost or price proposal. If amendments to the solicitation have been issued, the solicitation number and the amendment number to which this cost or price proposal applies shall be concatenated.</i>	
Must Use	BCP03	127	Reference Number	M AN 1/30

			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.			
BCP04	373	Date		O	DT	6/6
		Date (YYMMDD)				
			Use to identify the beginning date of the proposer's current fiscal year.			
BCP05	1308	Contract Action Code		O	ID	2/2
		Code identifying the expected resultant type of contract action or current type of contract action				
			Use to identify the type of contract action applicable to the submitted proposal.			
		KA	New Contract			
		KB	Contract Change Order			
		KC	Price Revision			
		KD	Price Redetermination			
		KE	Letter Contract			
		KF	Unpriced Order			
		KG	Other Contract Action			
			Use to indicate an other contract action that has not been previously agreed to by the trading partners.			
			When used, identify the other contract action in BCP12, e.g., Service Contract Act Adjustments, Economic Price Adjustments, etc.			
Must Use	BCP06	1166	Contract Type Code	O	ID	2/2
			Code identifying a contract type			
			Use to identify the pricing arrangement applicable to the award instrument identified in BCP02 and to the submitted proposal.			
		CA	Cost Plus Incentive Fee (With Performance Incentives)			
		CB	Cost Plus Incentive Fee (Without Performance Incentives)			
		CH	Cost Sharing			
		CS	Cost			
		CW	Cost Plus Award Fee			
		CX	Cost Plus Fixed Fee			
		FB	Fixed Price Incentive Firm Target (With Performance Incentive)			
		FC	Fixed Price Incentive Firm Target (Without Performance Incentive)			
		FD	Fixed Price Redetermination			
			Use to indicate a prospective fixed price redetermination award instrument.			
		FF	Fixed Price Incentive Successive Target (With Performance Incentive)			
		FG	Fixed Price Incentive Successive Target (Without Performance Incentive)			
		FH	Fixed Price Award Fee			
		FJ	Fixed Price Level of Effort			
		FR	Firm Fixed Price			
		FX	Fixed Price with Economic Price Adjustment			
		LE	Level of Effort			
		LH	Labor Hours			
		OC	Other Contract Type			
			Use to indicate a contract type that is not listed or an award instrument consisting of multiple contract types.			
			When used, identify the contract type(s) in BCP13.			

			TM	Time and Materials				
			ZZ	Mutually Defined				
				<i>Use to indicate a retroactive fixed price redetermination award instrument.</i>				
Must Use	BCP07	373	Date		O	DT	6/6	
			Date (YYMMDD)					
			<i>Use to identify the origination date of this transaction set.</i>					
Must Use	BCP08	337	Time		O	TM	4/8	
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)					
			<i>Use to identify the origination time of this transaction set.</i>					
	BCP09	327	Change Order Sequence Number		O	AN	1/8	
			Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set					
			1. When BCP02 is code CT, use to identify an award instrument modification number, e.g., P00001, A00001, if applicable.					
			2. If the cost or price proposal is for multiple modifications against the same award instrument, cite the first modification number that applies in this data element and cite the other modification numbers in the 1/REF/035 segment using code C4 in REF01. Use as many REF segments as necessary to identify all modifications that apply to this cost or price proposal.					
	BCP10	127	Reference Number		O	AN	1/30	
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.					
			When BCP01 is code 15, use to identify the revision number applicable to the cost or price proposal.					
	BCP11	127	Reference Number		O	AN	1/30	
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.					
			Use to identify the award instrument option number to which this proposal applies.					
	BCP12	352	Description		O	AN	1/80	
			A free-form description to clarify the related data elements and their content					
			When BCP05 is code KG, use to identify the contract action(s). If multiple contract actions apply, cite each, inserting a colon between each action.					
	BCP13	352	Description		O	AN	1/80	
			A free-form description to clarify the related data elements and their content					
			When BCP06 is code OC, use to identify the other contract type. If multiple contract types apply, cite each, inserting a colon between each type.					

Segment: **SPI** Specification Identifier
Position: 030
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To provide a description of the included specification or technical data items
Syntax Notes: 1 If either SPI02 or SPI03 is present, then the other is required.
Semantic Notes:
Comments:
Notes: *Use to provide the government security classification and/or the proposing party assigned commercial protection level applicable to the submitted proposal. This is the highest security classification or commercial protection level assigned to the data within the proposal. Use the 2/SPI/045 segment to identify the government security classification and/or commercial protection level of individual data items within the proposal.*

Data Element Summary

Ref.	Des.	Data Element	Name	Attributes
Must Use	SPI01	786	Security Level Code Code indicating the level of confidentiality assigned by the sender to the information following <i>Use to identify the highest overall government security classification applicable to the submitted proposal. If the proposal also has a commercial protection requirement, identify that requirement in SPI09.</i> 90 Government Non-Classified 92 Government Confidential 93 Government Secret 94 Government Top Secret	M ID 2/2
Must Use	SPI02	128	Reference Number Qualifier Code qualifying the Reference Number. 39 Proposal Number <i>Use to indicate the number assigned to the submitted cost or price proposal.</i>	X ID 2/2
Must Use	SPI03	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
	SPI09	786	Security Level Code Code indicating the level of confidentiality assigned by the sender to the information following <i>Use to identify the highest commercial protection level assigned to the proposal by the submitter.</i> 05 Personal <i>Use to indicate the information provided within this cost or price proposal is subject to the Privacy Act</i> 06 Supplier Proprietary <i>Use to indicate the originator's cost or pricing data shall be protected in accordance with FAR 3.104-5(a).</i> 11 Competition Sensitive	O ID 2/2

Segment: **REF** Reference Numbers
Position: 035
Loop:
Level: Heading
Usage: Optional
Max Use: 20
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:
Notes:

1. Use to identify reference numbers applicable to the entire transaction set.
2. At least one REF segment is *REQUIRED* with code EL cited in REF01.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use REF01	128	Reference Number Qualifier Code qualifying the Reference Number.	M ID 2/2
		C4 Change Number	
		1. Use to indicate an award instrument modification number other than a modification number cited in BCP09, e.g., P00002, A00002, etc.	
		2. When multiple modifications apply to this 805 transaction set, the first modification number that applies is always cited in BCP09.	
		DO Delivery Order Number	
		When BCP02 is code CT, use, if applicable, to indicate a call, release or delivery order against the basic award instrument. This is always the Supplemental Procurement Instrument Identification Number (SPIIN) for DoD or the equivalent expression for Civilian Agencies.	
		PR Price Quote Number	
		Use to indicate the number assigned to a quote or proposal submitted in an 843 transaction set.	
		TN Transaction Reference Number	
		Use to indicate the unique reference number of a related transaction set (e.g. a 251 transaction set carrying supporting data). Each transaction set has a unique number. In the case of the 251 transaction set, that number is carried in BGN02. When used, cite the transaction set number, e.g., 251, in the first 3 positions of REF03.	
		WF Locally Assigned Control Number	
		Use to indicate the working modification number assigned to a draft 860 transaction set.	
REF02	127	Reference Number	X AN 1/30
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
REF03	352	Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
		When REF01 is code TN, use to identify the transaction set number.	

Segment: **MSG** Message Text
Position: 040
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To provide a free form format that would allow the transmission of text information.
Syntax Notes:
Semantic Notes:
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes: *Use to provide information that cannot be provided elsewhere in this transaction set.*

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
Must Use MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264

Segment: **CUR** Currency
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:

- 1 If CUR08 is present, then CUR07 is required.
- 2 If CUR09 is present, then CUR07 is required.
- 3 If CUR10 is present, then at least one of CUR11 or CUR12 is required.
- 4 If CUR11 is present, then CUR10 is required.
- 5 If CUR12 is present, then CUR10 is required.
- 6 If CUR13 is present, then at least one of CUR14 or CUR15 is required.
- 7 If CUR14 is present, then CUR13 is required.
- 8 If CUR15 is present, then CUR13 is required.
- 9 If CUR16 is present, then at least one of CUR17 or CUR18 is required.
- 10 If CUR17 is present, then CUR16 is required.
- 11 If CUR18 is present, then CUR16 is required.
- 12 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
- 13 If CUR20 is present, then CUR19 is required.
- 14 If CUR21 is present, then CUR19 is required.

Semantic Notes:

Comments: 1 See Figures Appendix for examples detailing the use of the CUR segment.

Notes: 1. *Use, if applicable, to identify the foreign currency that applies to the monetary values in this transaction set.*

2. *Use also to identify the exchange rate for US dollars applicable to the cited foreign currency used as the basis for this proposal.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	CUR01	98	Entity Identifier Code Code identifying an organizational entity, a physical location, or an individual SE Selling Party	M ID 2/2
Must Use	CUR02	100	Currency Code Code (Standard ISO) for country in whose currency the charges are specified <i>Use to identify the currency applicable to the monetary values in this cost or price proposal if other than US dollars.</i>	M ID 3/3
Must Use	CUR03	280	Exchange Rate Value to be used as a multiplier conversion factor to convert monetary value from one currency to another <i>Use to identify the exchange rate of the foreign currency to US dollars.</i>	O R 4/6

Segment: **N1** Name
Position: 060
Loop: N1
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 2 N105 and N106 further define the type of entity in N101.
Notes: 1. *Whenever possible, identification and address information should be provided using N101, N103, and N104. Use N102 and segments N2 through N4, as applicable, when the address cannot be provided using one of the codes listed in N103.*
 2. *When BCP01 is code 00, 07, or 15, and the cost or price proposal is submitted by a prime contractor, multiple iterations of this N1 loop are REQUIRED with N101 citing, at a minimum, codes SE, C4, and KF. Codes 28 and 61 must also be used if applicable.*
 3. *When BCP01 is code 00, 07, or 15, and the cost or price proposal is submitted by a subcontractor, there must be multiple iterations of the N1 loop with N101 citing, at a minimum, codes 28, C4, KF and SE. Code 61 must also be used if applicable.*
 4. *When BCP01 is code 01, there must be 2 iterations of the N1 loop citing either code SE or 28 in N101 in one iteration and either code BY or C4 in a second iteration.*

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use N101	98	Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	
		28 Subcontractor	
		61 Performed At	
		<i>Use to indicate the place of performance when other than the proposer's address or if work will be performed at the proposer's address and at another location.</i>	
		BY Buying Party (Purchaser)	
		<i>Use to indicate the procuring contracting office.</i>	
		C4 Contract Administration Office	
		<i>Use to indicate the cognizant Contract Administration Office of the proposing party.</i>	
		KF Audit Office	
		<i>Use to indicate the cognizant audit office of the proposing party.</i>	
		SE Selling Party	
		<i>Use to indicate the prime contractor.</i>	
N102	93	Name	X AN 1/35
		Free-form name	
		<i>Use only if the party cited in N101 cannot be identified by a code in N103/04.</i>	
N103	66	Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification	

Code (67)

While the federal EDI program uses the DUNS number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases.

	1	D-U-N-S Number, Dun & Bradstreet <i>Use of the DUNS and DUNS +4 number is preferred over other codes to identify an entity.</i>			
	9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix <i>Use of the DUNS and DUNS +4 number is preferred over other codes to identify an entity.</i>			
	10	Department of Defense Activity Address Code (DODAAC) <i>Use to indicate a Department of Defense or Civilian Agency Activity Address Code.</i>			
	33	Commercial and Government Entity (CAGE)			
N104	67	Identification Code Code identifying a party or other code	X	AN	2/20
N106	98	Entity Identifier Code Code identifying an organizational entity, a physical location, or an individual	O	ID	2/2
	FR	Message From <i>Use when N101 is code 28 or SE to indicate the submitter of the cost or price proposal.</i>			
	TO	Message To <i>Use when N101 is code BY or C4 to indicate the recipient of the cost or price proposal.</i>			

Segment: **N2** Additional Name Information
Position: 070
Loop: N1
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:
Notes: *This segment should only be used when N102 is used and it is necessary to provide additional name information.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N201	93	Name Free-form name	M AN 1/35
	N202	93	Name Free-form name	O AN 1/35

Segment: **N3** Address Information
Position: 080
Loop: N1
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes: *This segment should only be used when N102 is used.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information Address information	O AN 1/35

Segment: **N4** Geographic Location
Position: 090
Loop: N1
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
 2 N402 is required only if city name (N401) is in the USA or Canada.
Notes: *This segment should only be used when N102 is used.*

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N401	19	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/11
N404	26	Country Code Code identifying the country	O ID 2/3

Segment: **DTM** Date/Time Reference
Position: 100
Loop: N1
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM06 is required.
 2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:
Comments:
Notes: *When N101 is code 28 or SE, use to identify the start and end dates of the total performance period for the proposed effort.*

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use DTM01	374	Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
		193 Period Start	
		<i>Use, when applicable, to indicate the start date for the performance period.</i>	
		194 Period End	
		<i>Use, when applicable, to indicate the end date for the performance period.</i>	
DTM02	373	Date	X DT 6/6
		Date (YYMMDD)	
DTM05	624	Century	O N0 2/2
		The first two characters in the designation of the year (CCYY)	

Segment: **G61** Contact
Position: 110
Loop: N1
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To identify a person or office to whom communications should be directed
Syntax Notes: 1 If either G6103 or G6104 is present, then the other is required.
Semantic Notes:
Comments: 1 G6103 qualifies G6104.
Notes: 1. When N101 is code 28 or SE, use of this segment is *REQUIRED* to provide information about the offeror's point of contact.
2. At a minimum, there must be one G61 segment with code TE or IT in G6103. There may be another G61 segment with identical information in G6101, and 02, but citing a different communication number qualifier in G6103

Data Element Summary

Ref.	Data		Attributes
Des.	Element	Name	
Must Use	G6101	366 Contact Function Code	M ID 2/2
		Code identifying the major duty or responsibility of the person or group named	
		IC Information Contact	
Must Use	G6102	93 Name	M AN 1/35
		Free-form name	
		Use to identify the name of a point of contact. Last name, followed by first name is preferred. If the whole name is longer than 35 characters, the use of an initial for the first name is recommended.	
G6103	365	Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
		EM Electronic Mail	
		Use to indicate an E-Mail address.	
		FX Facsimile	
		IT International Telephone	
		TE Telephone	
G6104	364	Communication Number	X AN 1/80
		Complete communications number including country or area code when applicable	
		When G6103 is code FX, IT, or TE, include the area code or country code, as applicable, and cite the number as a continuous number without extraneous characters.	
G6105	443	Contact Inquiry Reference	O AN 1/20
		Additional reference number or description to clarify a contact number	
		Use to identify the title of the party authorizing the cost or price proposal or of the information contact.	

Segment: **CBS** Cost Breakdown Structure
Position: 120
Loop: CBS
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify and quantify each line item being proposed
Syntax Notes:
Semantic Notes: 1 CBS01 is the line item or exhibit (including subline numbers of either).
 2 CBS02 is the line item quantity.
Comments:
Notes: 1. Use this segment to provide information related to the award instrument or solicitation line items being proposed.
 2. This segment is *REQUIRED* when BCP01 is code 00, 07, or 15.

Data Element Summary

Ref.	Des.	Data Element	Name	Attributes
Must Use	CBS01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set <i>Use to identify the line item, sub-line item, or exhibit line item number from either the award instrument or the solicitation.</i>	M AN 1/11
Must Use	CBS02	380	Quantity Numeric value of quantity <i>Use to identify the quantity of the line item or sub-line item cited in CBS01.</i>	M R 1/15
Must Use	CBS03	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>Use any code.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 2/2

Segment: **JIL** Line Item Detail for the Operating Expense Statement
Position: 130
Loop: CBS
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the service code or classification the expense will be charged to and provide the required expense data
Syntax Notes: 1 If either JIL04 or JIL05 is present, then the other is required.
Semantic Notes: 1 JIL06 is the date the transaction occurred.
Comments:
Notes: 1. Use this segment to provide information related to the award instrument or solicitation line items being proposed.
 2. This segment is *REQUIRED* when BCP01 is code 00, 07, or 15.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use JIL01	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	M ID 2/2
	A7	Subline Item Number <i>Use to indicate the award instrument or solicitation sub-line item number.</i>	
	A8	Exhibit Line Item Number <i>Use to indicate an item on an exhibit included in an award instrument or a solicitation.</i>	
	IN	Buyer's Item Number <i>Use to indicate the award instrument or solicitation line item number.</i>	
Must Use JIL02	234	Product/Service ID Identifying number for a product or service <i>The actual contract line item number or contract sub-line item number. This is the same number as cited in CBS01 in the same iteration of the CBS loop.</i>	M AN 1/40
Must Use JIL03	782	Monetary Amount Monetary amount <i>1. Cite the total amount of the CLIN, SubCLIN or ELIN. If the item is a no cost or not separately priced item, enter 0 (zero).</i>	O R 1/15
JIL04	128	Reference Number Qualifier Code qualifying the Reference Number.	X ID 2/2
	L4	Proposal Paragraph Number <i>Use to indicate a section or paragraph in the proposal where additional information can be found.</i>	
JIL05	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. <i>Provide a number in as much detail as necessary to identify where the information resides in the cost or price proposal, e.g., Vol. II, Sec 3, paragraph 6(a)1.</i>	X AN 1/30

Segment:	LIN Item Identification
Position:	140
Loop:	CBS
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify basic item identification data
Syntax Notes:	<ol style="list-style-type: none"> 1 If either LIN04 or LIN05 is present, then the other is required. 2 If either LIN06 or LIN07 is present, then the other is required. 3 If either LIN08 or LIN09 is present, then the other is required. 4 If either LIN10 or LIN11 is present, then the other is required. 5 If either LIN12 or LIN13 is present, then the other is required. 6 If either LIN14 or LIN15 is present, then the other is required. 7 If either LIN16 or LIN17 is present, then the other is required. 8 If either LIN18 or LIN19 is present, then the other is required. 9 If either LIN20 or LIN21 is present, then the other is required. 10 If either LIN22 or LIN23 is present, then the other is required. 11 If either LIN24 or LIN25 is present, then the other is required. 12 If either LIN26 or LIN27 is present, then the other is required. 13 If either LIN28 or LIN29 is present, then the other is required. 14 If either LIN30 or LIN31 is present, then the other is required.
Semantic Notes:	1 LIN01 is the line item identification
Comments:	<ol style="list-style-type: none"> 1 See the Data Dictionary for a complete list of ID's. 2 LIN02 through LIN31 provide for fifteen (15) different product/service ID's for each item. For Example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.
Notes:	Use to identify the proposed item or service.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	LIN02	235 Product/Service ID Qualifier	M ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		1. LIN02 through LIN31 are used in pairs, e.g., LIN02 contains a qualifier code and LIN03 contains data related to the code.	
		2. Any code can be used, but the same codes used in the corresponding 843 transaction set should be used. The listed codes are preferred.	
		3. When identifying components of an assembly, the assembly must be identified by use of code F8.	
		4. Any code identified in this data element may be used in any following 235 data element.	
		AK Refined Product Code	
		CG Commodity Grouping	
		Use to indicate a commodity code.	
		CH Country of Origin Code	
		CL Color	
		CN Commodity Name	
		EF Exhibit Identifier	
		Use to indicate the letter assigned to an exhibit.	
		F7 End-Item Description	

Use to indicate the end item to which the ordered item applies.

F8 Next Higher Used Assembly

Use to indicate the assembly to which the identified components apply.

FS National Stock Number

The NSN shall be transmitted without dashes.

FT Federal Supply Classification

IN Buyer's Item Number

Use to indicate a locally assigned code for a product or service whenever stock number does not apply.

KF Item Type Number

LT Lot Number

MF Manufacturer

When used, cite the DUNS number of the manufacturer in the following data element.

MG Manufacturer's Part Number

When used, a second 235/234 pair must be used citing either code MF or ZB.

MN Model Number

N1 National Drug Code in 4-4-2 Format

N2 National Drug Code in 5-3-2 Format

N3 National Drug Code in 5-4-1 Format

N4 National Drug Code in 5-4-2- Format

ND National Drug Code (NDC)

PD Part Number Description

Use to indicate a clear text description of an item that cannot be identified by a number, e.g., transportation.

PN Company Part Number

PU Part Reference Number

Use to indicate a part number assigned by an industry (not related to a specific manufacturer). Do not use for National Drug Codes.

RC Returnable Container No.

Use to indicate an NSN, manufacturer's part number, or other identifying number (except a serial number) of a returnable container.

SN Serial Number

Use to indicate the serial number of the item cited in JIL02. For example, the serial number of an aircraft engine that is to be repaired.

SV Service Rendered

Use to indicate (in text) the service being ordered.

SW Stock Number

Use to indicate a local stock number.

SZ Vendor Alphanumeric Size Code (NRMA)

Use to indicate the size of an item being ordered.

UK U.P.C./EAN Shipping Container Code (1-2-5-5-1)

VP Vendor's (Seller's) Part Number

Use to indicate a part number assigned by a contractor other than a manufacturer.

ZB Commercial and Government Entity (CAGE) Code
Use to indicate a manufacturer who can be identified by a CAGE code.
Refer to 003050 Data Element Dictionary for acceptable code values.

Must Use	LIN03	234	Product/Service ID	M	AN	1/40
			Identifying number for a product or service			
	LIN04	235	Product/Service ID Qualifier	X	ID	2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
	LIN05	234	Product/Service ID	X	AN	1/40
			Identifying number for a product or service			
	LIN06	235	Product/Service ID Qualifier	X	ID	2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
	LIN07	234	Product/Service ID	X	AN	1/40
			Identifying number for a product or service			
	LIN08	235	Product/Service ID Qualifier	X	ID	2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
	LIN09	234	Product/Service ID	X	AN	1/40
			Identifying number for a product or service			
	LIN10	235	Product/Service ID Qualifier	X	ID	2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
	LIN11	234	Product/Service ID	X	AN	1/40
			Identifying number for a product or service			
	LIN12	235	Product/Service ID Qualifier	X	ID	2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
	LIN13	234	Product/Service ID	X	AN	1/40
			Identifying number for a product or service			
	LIN14	235	Product/Service ID Qualifier	X	ID	2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
	LIN15	234	Product/Service ID	X	AN	1/40
			Identifying number for a product or service			
	LIN16	235	Product/Service ID Qualifier	X	ID	2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
	LIN17	234	Product/Service ID	X	AN	1/40
			Identifying number for a product or service			
	LIN18	235	Product/Service ID Qualifier	X	ID	2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			Refer to 003050 Data Element Dictionary for acceptable code values.			

LIN19	234	Product/Service ID Identifying number for a product or service	X	AN	1/40
LIN20	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID	2/2
LIN21	234	Product/Service ID Identifying number for a product or service	X	AN	1/40
LIN22	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID	2/2
LIN23	234	Product/Service ID Identifying number for a product or service	X	AN	1/40
LIN24	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID	2/2
LIN25	234	Product/Service ID Identifying number for a product or service	X	AN	1/40
LIN26	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID	2/2
LIN27	234	Product/Service ID Identifying number for a product or service	X	AN	1/40
LIN28	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID	2/2
LIN29	234	Product/Service ID Identifying number for a product or service	X	AN	1/40
LIN30	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID	2/2
LIN31	234	Product/Service ID Identifying number for a product or service	X	AN	1/40

Segment: **MSG** Message Text
Position: 150
Loop: CBS
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To provide a free form format that would allow the transmission of text information.
Syntax Notes:
Semantic Notes:
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes: *Use to provide a free-form text description of the proposed item.*

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
Must Use MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264

Segment: **CB1** Contract and Cost Accounting Standards Data
Position: 160
Loop: CB1
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify contract and cost accounting standards data
Syntax Notes:
Semantic Notes:
Comments:
Notes:

1. There must be at least 8 iterations of this CB1 loop.

2. Use of this loop is *REQUIRED* when BCP01 is code 00, 07, or 15.

Data Element Summary

Ref.	Data			Attributes
Des.	Element	Name		M ID 2/2
Must Use	CB101	1309	Acquisition Data Code	
			Code identifying acquisition data	
			1. When BCP01 is code 00, 07, or 15, one of the codes from each of the following 8 groups of codes must be present in 8 separate iterations of this segment: (code 01 or 02), (code 03 or 04), (code 05 or 06), (code 07 or 08), (code 09 or 10), (code 11, 12, or 13), (code 14 or 15), (code 16 or 17).	
			2. When CB101 is code 01, use the 1/MSG/170 and 1/N9/180 segments to identify the required property and to provide the contract number under which the property in the contractor's possession is accountable.	
			3. When CB101 is code 03, CB102 is <i>REQUIRED</i> . If none of the codes available in CB102 identify the type of financing, use the 1/MSG/170 segment to identify the type of financing.	
			4. When CB101 is code 05, use the 1/MSG/170 and 1/N9/180 segments, and the 1/N1/190 loop to provide information applicable to the contract and items that were previously awarded.	
			5. When CB101 is code 08, 10, 14, or 17, use the 1/MSG/170 segment to provide an explanation.	
			6. When CB101 is either code 11 or 12, use the 1/N1/190 loop to identify the office to which the disclosure statement was submitted.	
		01	Government Property Required	
			When used, the 1/MSG/170 segment may be used to identify the amount the contractor proposes to pay for the use of government furnished property.	
		02	Government Property Not Required	
		03	Contract Financing Required	
		04	Contract Financing Not Required	
		05	Awarded Contract for the Same or Similar Items	
		06	Not Awarded Contract for the Same or Similar Items	
		07	Proposal Consistent with Established Practices, Procedures, and Principles	
		08	Proposal Not Consistent with Established Practices, Procedures, and Principles	
		09	Contract Subject to Cost Accounting Standards Board (CASB) Regulations	

- 10 Contract Not Subject to Cost Accounting Standards Board (CASB) Regulations
- 11 Adequate Cost Accounting Standards Board (CASB) Disclosure Statement Submitted
- 12 Inadequate Cost Accounting Standards Board (CASB) Disclosure Statement Determined
- 13 Cost Accounting Standards Board (CASB) Disclosure Statement Not Submitted
- 14 Notified of Actual or Potential Disclosure Statement or Cost Accounting Standards Board (CASB) Noncompliance
- 15 Not Notified of Actual or Potential Disclosure Statement or Cost Accounting Standards Board (CASB) Noncompliance
- 16 Proposal Consistent with Disclosed Practices or Standards
- 17 Proposal Not Consistent With Disclosed Practices or Standards

CB102 1310 Financing Type Code O ID 1/1

Code identifying the type of contract financing required by the submitter of a pricing proposal

1. When CB101 is code 03, this data element is REQUIRED.

2. If none of the listed codes adequately describe the required type of financing, use the 1/MSG/170 segment to identify the type of financing.

A Advance Payment

G Guaranteed Loan

P Progress Payment

Use to indicate customary progress payments as defined in FAR 32.501-1.

Segment: **MSG** Message Text
Position: 170
Loop: CB1
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To provide a free form format that would allow the transmission of text information.
Syntax Notes:
Semantic Notes:
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes: 1. *Use to provide information related to the codes specified in CB101. Use of this segment is encouraged when CB101 is code 01, 03, 05, 08, 10, 12, 14, or 17.*
2. *When CB101 is code 01, this segment may be used to identify the amount the contractor is proposing to pay for the use of government furnished property.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264

Segment:	N9 Reference Number
Position:	180
Loop:	CB1
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To transmit identifying numbers and descriptive information as specified by the reference number qualifier
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of N902 or N903 is required. 2 If N906 is present, then N905 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 N906 reflects the time zone which the time reflects.
Comments:	
Notes:	<i>When CB101 is code 01 or 05, use to provide reference numbers applicable to the required government furnished property or contract/items furnished under a contract for the same or similar items as contained in this proposal.</i>

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		M ID 2/2
Must Use N901	128	Reference Number Qualifier Code qualifying the Reference Number. <i>1. When CB101 is code 01, code CT shall be used to identify the contract and contract line item number (CLIN) under which the required property is presently held. Codes CH, MF, NS, PM, QY, S6, VR, W2, or W7 may be used to describe the property.</i> <i>2. When CB101 is code 05, codes C7 and CT shall be used to identify the contract and contract line item number (CLIN) under which the same or similar item was awarded. The CLIN of the item in the proposal shall be identified in N903. Codes CH, MF, NS, PM, QY, S6, VR, W2, or W7 need only be used if a similar item was previously awarded. These codes shall not be used if the item that was previously awarded was the same as the item proposed.</i>	
	C7	Contract Line Item Number <i>1. Use when CB101 is code 05.</i> <i>2. When CB101 is code 05, code C7 shall be used to indicate the contract line item number (CLIN) of the same or similar item that was awarded. Identify the CLIN of the proposed item in N903.</i>	
	CH	Customer catalog number <i>Use when CB101 is code 01 or 05.</i>	
	CT	Contract Number <i>1. Use when CB101 is code 01 or 05.</i> <i>2. When CB101 is code 01, code CT shall be used to indicate the contract under which the required property is presently held accountable.</i> <i>3. When CB101 is code 05, code CT shall be used to indicate the contract under which the same or similar item was awarded.</i>	

		MF	Manufacturers Part Number <i>1. Use when CB101 is code 01 or 05</i> <i>2. When used, another N9 segment must be transmitted with either code VR or W7 cited in N901.</i>		
		NS	National Stock Number <i>Use when CB101 is code 01 or 05.</i>		
		PM	Part Number <i>Use when CB101 is code 01 or 05.</i>		
		QY	Service Performed Code <i>Use when CB101 is code 05. When used, cite a code from appendix A in N902 and, if necessary, provide a short text description in N903.</i>		
		S6	Stock Number <i>Use when CB101 is code 01.</i>		
		VR	Vendor ID Number <i>Use to indicate a DUNS or DUNS plus 4 number. Use only when a previous iteration of this N9 segment cited code MF.</i>		
		W2	Weapon System Number <i>Use when CB101 is code 01.</i>		
		W7	Commercial and Government Entity (CAGE) Code <i>Use to indicate a CAGE code. Use only when a previous iteration of this N9 segment cited code MF.</i>		
N902	127	Reference Number		X AN	1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
N903	369	Free-form Description		X AN	1/45
			Free-form descriptive text		
			<i>1. When CB101 is code 05 and N901 is code C7, use to identify the CLIN of the proposed item</i>		
			<i>2. When N901 is code QY use, if necessary, to provide a free form text description of the service.</i>		

Segment:	N1	Name
Position:	190	
Loop:	N1	
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To identify a party by type of organization, name, and code	
Syntax Notes:	1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.	
Semantic Notes:		
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.	
Notes:	1. When CB101 is code 01, 05, 11, or 12, use to identify the party holding the required government furnished property if other than the proposing party, the customer for whom the same or similar work was performed or the party that received a disclosure statement. 2. Whenever possible, identification and address information should be provided using N101, N103, and N104. Use N102 and segments N2 through N4, as applicable, when the address cannot be provided using one of the codes listed in N103.	

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	N101	98	Entity Identifier Code
			Code identifying an organizational entity, a physical location, or an individual
		KB	Customer for Whom Same or Similar Work Was Performed Use when CB101 is code 05.
		KC	Party That Received Disclosure Statement Use when CB101 is either code 11 or 12.
		KH	Organization Having Source Control When CB101 is code 01, if known, use to indicate the party holding the required government furnished property.
N102	93	Name	X AN 1/35
		Free-form name	
		Use only if the party cited in N101 cannot be identified by a code in N103/04.	
N103	66	Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		While the federal EDI program uses the DUNS number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions.	
		1	D-U-N-S Number, Dun & Bradstreet Use of the DUNS and DUNS +4 number is preferred over other codes to identify an entity.
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix Use of the DUNS and DUNS +4 number is preferred over other codes to identify an entity.
		10	Department of Defense Activity Address Code

(DODAAC)

*Use to indicate a DoD or Civilian Agency Activity
Address Code.*

33

Commercial and Government Entity (CAGE)

N104

67

Identification Code

X AN 2/20

Code identifying a party or other code

Segment: **N2** Additional Name Information
Position: 200
Loop: N1
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:
Notes: *This segment should only be used when N102 is used and it is necessary to provide additional name information.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N201	93	Name Free-form name	M AN 1/35
	N202	93	Name Free-form name	O AN 1/35

Segment: **N3** Address Information
Position: 210
Loop: N1
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes: *This segment should only be used when N102 is used.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information Address information	O AN 1/35

Segment: **N4 Geographic Location**
Position: 220
Loop: N1
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
 2 N402 is required only if city name (N401) is in the USA or Canada.
Notes: *This segment should only be used when N102 is used.*

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N401	19	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/11
N404	26	Country Code Code identifying the country	O ID 2/3

Segment: **PL** Proposal Cost Logic
Position: 010
Loop:
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To describe the cost logic used when pricing a particular aspect of a proposal
Syntax Notes:
Semantic Notes:

- 1 PL01 is the logic sequence number.
- 2 PL03 is the name of the cost element being proposed.
- 3 PL05 is a text description of the cost element contained in PL03.
- 4 PL06 is an occurrence counter that indicates the order of items to appear in a cost summary data display.

Comments:

- Notes:**
1. This segment is *REQUIRED* in original, duplicate or revised transaction sets, e.g., when BCP01 is code 00, 07 or 15.
 2. The PL Segment should be used in a "bottom-up" approach, (e.g., if total direct labor dollars is composed of engineering labor dollars plus manufacturing labor dollars, then the calculation formula for these must be presented in the transaction set before the calculation for the direct labor dollars).

EXAMPLE:

```

PL*1*DO*DEL*E*DIRECT ENGINEERING LABOR*2 N/L
PL*2*HR*DELH*M*DIRECT ENGINEERING LABOR HOURS N/L
PL*3*A8*ELR*F*ENGINEERING LABOR RATE N/L
PL*4*DO*DML*E*DIRECT MANUFACTURING LABOR*3 N/L
PL*5*HR*DMLH*M*DIRECT MANUFACTURING LABOR HOURS N/L
PL*6*A8*MLR*F*MANUFACTURING LABOR RATE N/L
PL*7*DO*TDL*E*TOTAL DIRECT LABOR*1 N/L
PL*8*DO*TDEL*A N/L
PL*9*DO*TDML*F N/L

```

3. If the proposed labor rates are at a lower level, e.g., by engineering labor category or by department, then the PL Segments must start at that lower level to conform to the "bottom-up" convention.
4. If the formula provided in this segment is for a total, the PD/PDD segments shall be used to provide the total.
5. Use of the number "1" in PL06 of the first iteration of the PL Segment in the example above, indicates its order on the summary table; i.e., it would be displayed first.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PL01	554	Assigned Number Number assigned for differentiation within a transaction set <i>A progressive number starting with the number 1 to provide a logic sequence for each iteration of the PL segment, e.g., 1, 2, 3, etc.</i>	M NO 1/6
Must Use	PL02	C001	Composite Unit of Measure To identify a composite unit of measure(See Figures Appendix for examples of use.)	M
Must Use	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in	M ID 2/2

which a measurement has been taken
Use any code.

ZZ Mutually Defined

Use to indicate other non-hour units.

Refer to 003050 Data Element Dictionary for acceptable code values.

Must Use PL03

93

Name

M AN 1/35

Free-form name

1. The "short-hand" name given to the value that appears in a cost or price proposal.

2. The source of the data, (e.g., DLH or the number 24680 might be the "short-hand" name for direct labor hours). These unique short-hand names are assigned by the originator of the transaction set and should have a basis in the originator's accounting system.

Must Use PL04

1311

Calculation Operation Code

M ID 1/1

Code identifying what type of calculation will take place

A	Add
D	Divide
E	Equals
F	End of Formula
M	Multiply
R	Raise to a Power
S	Subtract

PL05

352

Description

O AN 1/80

A free-form description to clarify the related data elements and their content
The "long-hand" description for the "short-hand" name carried in PL03, (e.g., if the proposing party carries "DLH" in PL03, then PL05 will carry Direct Labor Hours in free form text. This now identifies that "DLH" equals Direct Labor Hours in the proposing party's accounting system. The description is only required when the "NAME" data element (PL03) is first used within the flow of segments within the transaction set. After that, the value may be referred to by its "short-hand" name only.

PL06

609

Count

O NO 1/9

Occurrence counter

When PL02 is code DO and PL04 is code E, use to identify where dollar amounts are to be displayed on the summary table, e.g., if the number 7 was cited, that would indicate that the dollars for the specified category appear as the 7th item on the summary table.

Segment:	HL Hierarchical Level
Position:	020
Loop:	HL
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify dependencies among and the content of hierarchically related groups of data segments
Syntax Notes:	
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 The HL segment defines a top-down/left-right ordered structure. 2 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction. 3 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate. 4 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information. 5 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.
Notes:	<ol style="list-style-type: none"> 1. Use this segment to provide the hierarchical (tree) structure of the proposal, e.g., contract, line item, WBS, etc. 2. This segment is <i>REQUIRED</i> when BCP01 is code 00, 07, or 15.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	HL01	628 Hierarchical ID Number	M AN 1/12
		A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	
		<i>A unique and progressive number assigned by the originator of the transaction set, e.g., 1, 2, 3, etc.</i>	
	HL02	734 Hierarchical Parent ID Number	O AN 1/12
		Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	
		<i>Use of this data element is REQUIRED when the current HL segment is subordinate to another HL segment. For example, the second HL segment may be subordinate to the first HL segment, therefore, the number 1 would be cited; or the sixth HL segment may be subordinate to the fourth HL segment, therefore, the number 4 would be cited. If an HL segment is not subordinate to another HL segment, e.g., the first iteration of the HL loop, this data element is left blank.</i>	
Must Use	HL03	735 Hierarchical Level Code	M ID 1/2
		Code defining the characteristic of a level in a hierarchical structure	
		<i>Use to specify how the proposing party might desire to array the cost summary.</i>	
		56 Statement of Work	
		<i>Use to indicate costs are identified to the SOW level as specified in the Request for Proposal.</i>	
		I Item	
		<i>Use to indicate a line item, i.e., a CLIN, SUBCLIN, or ELIN.</i>	

WB

Work Breakdown Structure

Use to indicate costs are identified to the WBS level as specified in the Request for Proposal.

HL04

736

Hierarchical Child Code

O

ID

1/1

Code indicating whether if there are hierarchical child data segments subordinate to the level being described.

0

No Subordinate HL Segment in This Hierarchical Structure.

Use to indicate the level identified in HL03 has no subordinate level.

1

Additional Subordinate HL Data Segment in This Hierarchical Structure.

Use to indicate the level identified in HL03 has a subordinate level to follow.

Segment: **REF** Reference Numbers
Position: 030
Loop: HL
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:
Notes:

1. Use to provide identifying reference numbers applicable to the hierarchical level specified in the preceding HL03.
2. This segment is *REQUIRED* when The 2/HL/020 segment is used.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use REF01	128	Reference Number Qualifier Code qualifying the Reference Number.	M ID 2/2
		74 Work Breakdown Structure (WBS) <i>Use when HL03 is code WB.</i>	
		83 Extended (or Exhibit) Line Item Number (ELIN) <i>Use when HL03 is code I.</i>	
		C7 Contract Line Item Number <i>Use when HL03 is code I.</i>	
		K7 Paragraph Number <i>When HL03 is code 56, use to indicate a SOW paragraph number.</i>	
		L6 Subcontract Line Item Number <i>Use when HL03 is code I.</i>	
REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
REF03	352	Description A free-form description to clarify the related data elements and their content <i>Use, if necessary, to provide a text description of the number cited in REF02.</i>	X AN 1/80

Segment: **PD Pricing Data**
Position: 040
Loop: PD
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To describe the pricing basic input detail
Syntax Notes:
Semantic Notes:

- 1 PD01 is the unit of the time period contained in PD02.
- 2 PD02 is the date of the start of the time period in PD01.
- 3 PD04 is the quantity of the unit of measurement in PD03.
- 4 PD05 is the name of the cost element being proposed.
- 5 PD06 is the description of the name of the cost element being proposed.
- 6 PD08 is a reference to a specific paragraph number contained in an external document.
- 7 PD09 is the category of the data being proposed.

Comments:
Notes: *This segment is REQUIRED when BCP01 is code 00, 07, or 15.*

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use PD01	344	Unit of Time Period or Interval Code indicating the time period or interval <i>Use to identify the period of time applicable to the value specified in the following PDD02, PDD03, or PDD04.</i>	M ID 2/2
		CY Calendar Year	
		DY Day	
		FY Fiscal Year	
		MO Month	
		QY Quarter of a Year	
		WK Weeks	
Must Use PD02	373	Date Date (YYMMDD) <i>Use to identify the commencement date for the time period specified in PD01.</i>	M DT 6/6
Must Use PD03	C001	Composite Unit of Measure To identify a composite unit of measure(See Figures Appendix for examples of use.)	M
Must Use C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>Any code may be used. The following is a preferred code list:</i>	M ID 2/2
		A8 Dollars per Hours	
		DO Dollars	
		HR Hours	
		IE Person <i>Use to indicate a human resource, i.e., people assigned to a task.</i>	
		P1 Percent	
		UN Units	
		Refer to 003050 Data Element Dictionary for acceptable code values.	

Must Use	PD04	380	Quantity	M R	1/15
			Numeric value of quantity		
			<i>Use to identify the quantity of the period of time specified in PD01. For example: If the proposing party wanted to provide two calendar years worth of dollar data, then PD01 would carry code "CY" for calendar year, PD03 would carry code "DO" for dollars, and PD04 would carry the number "2" indicating the number of calendar years.</i>		
Must Use	PD05	93	Name	M AN	1/35
			Free-form name		
			<i>Use to provide the same "short-hand" name as previously specified in PL03.</i>		
	PD06	352	Description	O AN	1/80
			A free-form description to clarify the related data elements and their content		
			<i>Use, if necessary, to provide a full text description of the short-hand name carried in PD05.</i>		
	PD07	1196	Breakdown Structure Detail Code	O ID	2/2
			Codes identifying details relating to a reporting breakdown structure tree		
			<i>This data element is typically used when PD03 is code DO or HR.</i>		
		26	Recurring		
			<i>Use to indicate the values in the following PDD segment are recurring.</i>		
		27	Nonrecurring		
			<i>Use to indicate the values in the following PDD segment are non recurring.</i>		
		ZZ	Mutually Defined		
			<i>Use to indicate the values in the following PDD segment are both recurring and non recurring.</i>		
Must Use	PD08	127	Reference Number	O AN	1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
			<i>Use is REQUIRED to provide a number that will uniquely identify each PD segment. Start with the number one (1) and increase progressively with each PD segment. The purpose of this number is to differentiate between cost elements identified in PD05, specifically when the same cost element is specified for different purposes, e.g., Engineering Labor for CLIN 0001 and Engineering Labor for CLIN 0002.</i>		
	PD09	352	Description	O AN	1/80
			A free-form description to clarify the related data elements and their content		
			<i>Use to identify whether or not Cost of Money (COM) applies to the cost element provided in this loop. Cite the letter N if the element is not a COM factor; cite the letter Y if the element is a COM factor. Also, provide a free form text description of the data being provided, e.g., labor rates, overhead rates, direct input, etc.</i>		
	PD10	1401	Proposal Data Detail Identifier Code	O ID	1/3
			Code identifying the basis of a cited value in a proposal		
			<i>Use to identify the nature of the proposal values.</i>		
		AM	Actual		
		AN	Estimated		
		AO	Negotiated		
			<i>Includes rates established by Forward Pricing Rate Agreements.</i>		
		AP	Mixed		

Segment: **SPI** Specification Identifier
Position: 045
Loop: PD
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To provide a description of the included specification or technical data items
Syntax Notes: 1 If either SPI02 or SPI03 is present, then the other is required.
Semantic Notes:
Comments:
Notes: *Use to identify the government security classification and/or the commercial protection level assigned to the data transmitted in the same PD loop. If the data has neither a government security classification nor a commercial protection level, this segment need not be used.*

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use SPI01	786	Security Level Code	M ID 2/2
		Code indicating the level of confidentiality assigned by the sender to the information following	
		<i>Use to identify the government security classification applicable to the identified data in the PD segment. If the data also has a commercial protection requirement, identify that requirement in SPI09.</i>	
		90 Government Non-Classified	
		92 Government Confidential	
		93 Government Secret	
		94 Government Top Secret	
SPI09	786	Security Level Code	O ID 2/2
		Code indicating the level of confidentiality assigned by the sender to the information following	
		05 Personal	
		<i>Use to indicate the information provided within this cost or price proposal is subject to the Privacy Act</i>	
		06 Supplier Proprietary	
		<i>Use to indicate the originator's cost or pricing data shall be protected in accordance with FAR 3.104-5(a).</i>	
		11 Competition Sensitive	

Segment: **REF** Reference Numbers
Position: 050
Loop: PD
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:
Notes: *Use to identify the line item (CLIN), SOW paragraph number or WBS to which the values being proposed in the PDD segment apply. Whenever the value provided in the PDD segment is applicable to one or more of these reference numbers, they ALL MUST be provided.*

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		M ID 2/2
Must Use REF01	128	Reference Number Qualifier Code qualifying the Reference Number.	
		74 Work Breakdown Structure (WBS)	
		83 Extended (or Exhibit) Line Item Number (ELIN)	
		C7 Contract Line Item Number	
		K7 Paragraph Number <i>Use to indicate a SOW paragraph number.</i>	
		L6 Subcontract Line Item Number	
REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
REF03	352	Description A free-form description to clarify the related data elements and their content <i>Use, if necessary, to provide a text description of the number cited in REF02.</i>	X AN 1/80

Segment: **PDD Pricing Data Detail**
Position: 060
Loop: PD
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To provide the rates, direct input, and pricing factors for each element of work, cross-referenced to an applicable request or submission
Syntax Notes: 1 At least one of PDD02 PDD03 or PDD04 is required.
Semantic Notes: 1 PDD01 is a sequential number assigned by the initiator.
Comments:
Notes: 1. This segment is *REQUIRED* when BCP01 is code 00, 07, or 15.
 2. *ONLY ONE* of PDD02, PDD03, or PDD04 is permitted in each iteration of this PDD segment.
 3. The number of iterations of this PDD segment within each PD loop must be equal to the number carried in PD04 for each iteration of the PD loop.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
Must Use PDD01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set <i>A unique sequence number (starting with the number 1 and going progressively higher as applicable) assigned by the originator of the transaction set.</i>	M	AN	1/11
PDD02	380	Quantity Numeric value of quantity <i>The quantity of the value being proposed as described in the PD segment.</i>	X	R	1/15
PDD03	782	Monetary Amount Monetary amount <i>The monetary amount of the value being proposed as described in the PD segment.</i>	X	R	1/15
PDD04	954	Percent Percentage expressed as a decimal <i>The rate (provided the rate is expressed as a percent) of the value being proposed as described in the PD segment.</i>	X	R	1/10
PDD05	1401	Proposal Data Detail Identifier Code Code identifying the basis of a cited value in a proposal <i>Use only when PD10 is code AP.</i>	O	ID	1/3
		AM Actual			
		AN Estimated			
		AO Negotiated			

Segment: **MSG** Message Text
Position: 070
Loop: PD
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To provide a free form format that would allow the transmission of text information.
Syntax Notes:
Semantic Notes:
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes: *Use this segment to provide free form text explanations and clarifications, i.e., formula derivations, basis of estimate, source of escalation factor, citation of accompanying schedule containing back-up data or any other circumstances that calls for a free form note.*

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use MSG01	933	Free-Form Message Text	M AN 1/264
		Free-form message text	

Segment:	N1 Name
Position:	080
Loop:	N1
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	<ol style="list-style-type: none"> 1. <i>Whenever possible, identification and address information should be provided using N101, N103, and N104. Use N102 and segments N2 through N4, as applicable, when the address cannot be provided using one of the codes listed in N103.</i> 2. <i>Use this N1 loop only to provide address and reference number data when the proposal contains discreet values, (e.g., subcontract costs, inter-divisional transfers, etc.).</i> 3. <i>When either code 28 or DV is used, another iteration of this loop is REQUIRED citing code C4 in N101.</i>

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	N101	98	M ID 2/2
		Entity Identifier Code	
		Code identifying an organizational entity, a physical location, or an individual	
		28 Subcontractor	
		61 Performed At	
		C4 Contract Administration Office	
		<i>Use to indicate the cognizant ACO for the subcontractor or division cited in a previous iteration of this N1 loop.</i>	
		DV Division	
		<i>Use to indicate the division applicable to an inter divisional transfer.</i>	
N102	93	Name	X AN 1/35
		Free-form name	
		<i>Use only if the party cited in N101 cannot be identified by a code in N103/04.</i>	
N103	66	Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		<i>While the federal EDI program uses the DUNS number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions.</i>	
		1 D-U-N-S Number, Dun & Bradstreet	
		<i>Use of the DUNS and DUNS +4 number is preferred over other codes to identify an entity.</i>	
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
		<i>Use of the DUNS and DUNS +4 number is preferred</i>	

		10	<i>over other codes to identify an entity.</i> Department of Defense Activity Address Code (DODAAC) <i>Use to indicate a DoD or Civilian Agency Activity Address Code.</i>		
		33	Commercial and Government Entity (CAGE)		
N104	67	Identification Code		X	AN 2/20
		Code identifying a party or other code			

Segment: **N2** Additional Name Information
Position: 090
Loop: N1
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:
Notes: *This segment should only be used when N102 is used and it is necessary to provide additional name information.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N201	93	Name Free-form name	M AN 1/35
	N202	93	Name Free-form name	O AN 1/35

Segment: **N3** Address Information
Position: 100
Loop: N1
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes: *This segment should only be used when N102 is used.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information Address information	O AN 1/35

Segment: **N4** Geographic Location
Position: 110
Loop: N1
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
 2 N402 is required only if city name (N401) is in the USA or Canada.
Notes: *This segment should only be used when N102 is used.*

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/11
N404	26	Country Code Code identifying the country	O ID 2/3

Segment: **LX** Assigned Number
Position: 010
Loop: LX
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To reference a line number in a transaction set
Syntax Notes:
Semantic Notes:
Comments:
Notes: *Use of this loop is REQUIRED when BCP01 is code 00, 07, or 15.*

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
Must Use LX01	554	Assigned Number	M N0 1/6
		Number assigned for differentiation within a transaction set	
		<i>A unique sequence number, starting with the number 1, e.g., 1, 2, 3, etc.</i>	

Segment: **G61** Contact
Position: 020
Loop: LX
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To identify a person or office to whom communications should be directed
Syntax Notes: 1 If either G6103 or G6104 is present, then the other is required.
Semantic Notes:
Comments: 1 G6103 qualifies G6104.
Notes: This segment is *REQUIRED* when BCP01 is code 00, 07, or 15.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use G6101	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named CE Certifier <i>Use to indicate the certifying official for this proposal.</i>	M ID 2/2
Must Use G6102	93	Name Free-form name <i>1. Use to identify the name of the certifying official or the party authorizing an alternate lower total proposed price. Last name, followed by first name is preferred. If the whole name is longer than 35 characters, the use of an initial for the first name is recommended.</i>	M AN 1/35
G6103	365	Communication Number Qualifier Code identifying the type of communication number TE Telephone	X ID 2/2
G6104	364	Communication Number Complete communications number including country or area code when applicable	X AN 1/80
Must Use G6105	443	Contact Inquiry Reference Additional reference number or description to clarify a contact number <i>Use to identify the certifying party.</i>	O AN 1/20

Segment: **AMT** Monetary Amount
Position: 030
Loop: LX
Level: Summary
Usage: Optional
Max Use: 4
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:
Notes: Use of this segment is *REQUIRED* when BCP01 is code 00, 07, or 15.

Data Element Summary

Ref.	Data			
Des.	Element	Name	Attributes	
Must Use	AMT01	522	Amount Qualifier Code	M ID 1/2
			Code to qualify amount	
			1. In the first iteration of the LX loop, only codes MC, TC, TD, TE, or TF may be used.	
			2. Either code TD or TE may be used, but not both.	
			3. If the proposing party is submitting an alternate lower offer than the amount carried in AMT02 when AMT01 is code TF, a second iteration of the LX loop is required with AMT01 citing code TG.	
		MC	Cost of Money	
		TC	Proposed Cost	
		TD	Proposed Profit	
		TE	Proposed Fee	
		TF	Total Proposed Price	
		TG	Alternate Proposed Price	
Must Use	AMT02	782	Monetary Amount	M R 1/15
			Monetary amount	
			1. The actual amount represented by the qualifier code.	
			2. When AMT01 is code TF, the amount will equal the sum of the amounts representative of the AMT01 qualifier codes TC, TD or TE, and MC.	

Segment: **SE** Transaction Set Trailer
Position: 040
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).
Syntax Notes:
Semantic Notes:
Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M NO 1/10
Must Use	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>The same unique control number cited in ST02.</i>	M AN 4/9

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