

843 Response to Request for Quotation

Functional Group ID=**RR**

Introduction:

This Acquisition Instruction (AI) provides guidance specific for responses to Defense Logistics Agency issued solicitations. This AI does not include anything that is not in the Federal Implementation Convention.

Notes:

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BQR	Beginning Segment for Response to Request for Quotation	M	1		
Not Used	030	NTE	Note/Special Instruction	F	100		
Not Used	040	CUR	Currency	O	1		
	050	REF	Reference Numbers	O	>1		
Not Used	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	3		
	080	FOB	F.O.B. Related Instructions	O	>1		
Not Used	090	CTP	Pricing Information	O	>1		
Not Used	095	PAM	Period Amount	O	10		
Not Used	110	CSH	Header Sale Condition	O	25		
Not Used	120	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
	130	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
Not Used	140	DIS	Discount Detail	O	20		
	150	DTM	Date/Time Reference	O	10		
	160	LDT	Lead Time	O	12		
Not Used	180	LIN	Item Identification	O	5		n1
Not Used	190	PID	Product/Item Description	O	200		
Not Used	200	MEA	Measurements	O	40		
	210	PWK	Paperwork	O	25		
Not Used	220	PKG	Marking, Packaging, Loading	O	25		
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	250	TD3	Carrier Details (Equipment)	O	12		
Not Used	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	270	MAN	Marks and Numbers	O	10		
Not Used	280	CTB	Restrictions/ Conditions	O	5		
Not Used	285	CPR	Commodity Price Reference	O	2		
LOOP ID - N9						1000	
	290	N9	Reference Number	O	1		
	300	MSG	Message Text	O	1000		

LOOP ID - N1			10000		
	310	N1	Name	O	1
	320	N2	Additional Name Information	O	2
	330	N3	Address Information	O	2
	340	N4	Geographic Location	O	1
Not Used	350	REF	Reference Numbers	O	12
	360	PER	Administrative Communications Contact	O	>1
Not Used	370	FOB	F.O.B. Related Instructions	O	1
Not Used	380	TD1	Carrier Details (Quantity and Weight)	O	2
Not Used	390	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	400	TD3	Carrier Details (Equipment)	O	12
Not Used	410	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
Not Used	420	PKG	Marking, Packaging, Loading	O	25
Not Used	430	MSG	Message Text	O	>1

Detail:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - PO1			100000			
	010	PO1	Baseline Item Data	O	1	
Not Used	020	CUR	Currency	O	1	
	030	PO3	Additional Item Detail	O	25	
	040	CTP	Pricing Information	O	>1	
Not Used	045	PAM	Period Amount	O	10	
	049	MEA	Measurements	O	40	
LOOP ID - PID			1000			
	050	PID	Product/Item Description	O	1	
Not Used	060	MEA	Measurements	O	10	
Not Used	070	PWK	Paperwork	O	25	
	080	PKG	Marking, Packaging, Loading	O	25	
	090	PO4	Item Physical Details	O	>1	
	100	REF	Reference Numbers	O	>1	
Not Used	110	PER	Administrative Communications Contact	O	3	
	130	SAC	Service, Promotion, Allowance, or Charge Information	O	25	
Not Used	140	IT8	Conditions of Sale	O	25	
	150	ITD	Terms of Sale/Deferred Terms of Sale	O	2	
	160	DIS	Discount Detail	O	20	
Not Used	170	TAX	Tax Reference	O	3	
	180	FOB	F.O.B. Related Instructions	O	>1	
Not Used	190	SDQ	Destination Quantity	O	50	
	200	DTM	Date/Time Reference	O	10	
Not Used	230	FST	Forecast Schedule	O	5	
Not Used	240	TD1	Carrier Details (Quantity and Weight)	O	1	
	250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	260	TD3	Carrier Details (Equipment)	O	12	
	270	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	280	MAN	Marks and Numbers	O	10	
	289	MSG	Message Text	O	>1	

Not Used	290	CTB	Restrictions/ Conditions	O	5		
	291	SPI	Specification Identifier	O	>1		
					LOOP ID - SCH		104
	292	SCH	Line Item Schedule	O	1	n2	
Not Used	293	TD1	Carrier Details (Quantity and Weight)	O	1		
Not Used	294	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	296	TD3	Carrier Details (Equipment)	O	12		
Not Used	298	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
					LOOP ID - CST		100
Not Used	300	CST	Cost Analysis	O	1		
Not Used	310	PID	Product/Item Description	O	1		
Not Used	320	CUR	Currency	O	1		
Not Used	330	DTM	Date/Time Reference	O	2		
					LOOP ID - SLN		1000
Not Used	340	SLN	Subline Item Detail	O	1		
Not Used	350	PID	Product/Item Description	O	1000		
					LOOP ID - CST		100
Not Used	360	CST	Cost Analysis	O	1		
Not Used	370	PID	Product/Item Description	O	1		
Not Used	380	CUR	Currency	O	1		
Not Used	390	DTM	Date/Time Reference	O	2		
					LOOP ID - PD		>1
	392	PD	Pricing Data	O	1		
	393	PDD	Pricing Data Detail	O	>1		
					LOOP ID - LDT		>1
	394	LDT	Lead Time	O	1		
	395	QTY	Quantity	O	>1		
	396	MSG	Message Text	O	1		
					LOOP ID - LM		>1
	397	LM	Code Source Information	O	1		
Must Use	398	LQ	Industry Code	M	>1		
					LOOP ID - N9		1000
	400	N9	Reference Number	O	1		
	410	MSG	Message Text	O	1000		
					LOOP ID - N1		>1
	420	N1	Name	O	1		
	430	N2	Additional Name Information	O	2		
	440	N3	Address Information	O	2		
	450	N4	Geographic Location	O	1		
Not Used	460	REF	Reference Numbers	O	12		
	470	PER	Administrative Communications Contact	O	3		
Not Used	480	FOB	F.O.B. Related Instructions	O	1		
	485	SCH	Line Item Schedule	O	200		
Not Used	490	TD1	Carrier Details (Quantity and Weight)	O	2		
	500	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	510	TD3	Carrier Details (Equipment)	O	12		
	520	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		

530	PKG	Marking, Packaging, Loading	O	25
LOOP ID - LDT				>1
550	LDT	Lead Time	O	1
560	MAN	Marks and Numbers	O	10
570	QTY	Quantity	O	5
580	MSG	Message Text	O	1

Summary:

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.Use</u>	<u>Loop</u> <u>Repeat</u>	<u>Notes and</u> <u>Comments</u>
Must Use	010	CTT	Transaction Totals	M	1		n3
	015	AMT	Monetary Amount	O	1		
Must Use	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. If segment LIN is used, do not use LIN01.
2. The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
3. Number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

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:
Notes: This unique control number is assigned by the originator of the transaction set or by the originator's application program. This same number is carried in SE02.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 843 X12.8 Response to Request for Quotation	M ID 3/3
>>	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	M AN 4/9

Segment: **BQR** Beginning Segment for Response to Request for Quotation

Position: 020

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To indicate the beginning of a Response to Request for Quote Transaction Set and transmit identifying numbers and dates

Syntax Notes: 1 If either BQR04 or BQR05 is present, then the other is required.

Semantic Notes: 1 BQR03 is the date to be used for reference purposes in an RFQ and a response to RFQ.

Comments:

Notes: Use to identify the purpose of the transaction set.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
>>	BQR01	353 Transaction Set Purpose Code Code identifying purpose of transaction set Use to identify the purpose of transaction set.	M ID 2/2
		00 Original	
		04 Change	
>>	BQR02	586 Request for Quote Reference Number Number assigned by the purchaser to identify his request for quote Use to identify the solicitation number to which this transaction set is responding. If amendments to the solicitation have been issued, the solicitation number and the last amendment number will be concatenated.	M AN 1/45
>>	BQR03	373 Date Date (YYMMDD) Use to indicate the date of a solicitation. If amendments to the solicitation have been issued, cite the date of the last amendment.	M DT 6/6
>>	BQR04	374 Date/Time Qualifier Code specifying type of date or time, or both date and time 098 Bid (Effective) Use to indicate the date the quote is being submitted. 171 Revision When BQR01 is 04, use to indicate the date a revised quote is being submitted.	X ID 3/3
>>	BQR05	373 Date Date (YYMMDD)	X DT 6/6
	BQR06	379 Bid Type Response Code Code indicating the type of response to the request for bid or quote When BQR06 is code BW, DQ, or UQ, use either the 1/N9/290 or 2/N9/400 loop to explain or specify exceptions to the solicitation. AB Alternate Bid Use to indicate a substitute product is being offered. BI Bid Without Exception BW Bid With Exception (Request for Information)	O ID 2/2

DQ Decline to Quote

UQ Unable to Quote

BQR07

786

Security Level Code

O ID 2/2

Code indicating the level of confidentiality assigned by the sender to the information following

Use to identify the highest level of government security classification or commercial protection applicable to the quote. If the quote has both a government security classification and a commercial protection level applicable to the quote, the government security classification takes precedence and shall be cited in this data element. The commercial protection level applicable to specific items within the quote can be identified in the 2/SPI/291 segment.

- 06 Supplier Proprietary
- 11 Competition Sensitive
- 92 Government Confidential
- 93 Government Secret
- 94 Government Top Secret

Segment: REF Reference Numbers
Position: 050
Loop:
Level: Heading
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: At least one occurrence of this REF segment with REF01 citing code PR is REQUIRED to provide the quoting party's quotation number.

Data Element Summary

Ref.	Data Element	Name	Attributes
>>	REF01	128 Reference Number Qualifier	M ID 2/2
		Code qualifying the Reference Number.	
		When codes CT or W6 are used, one iteration of the 1/DTM/150 segment is REQUIRED. Use code 036 (Expiration) in DTM01 and provide the expiration date of the cited schedule or contract in DTM02.	
		CT Contract Number	
		DG Drawing Number	
		IJ Standard Industry Classification (SIC) Code	
		LX Qualified Products List	
		NI Military Standard (MIL-STD) Number	
		PR Price Quote Number	
		S2 Military Specification Number (MILSPEC)	
		S3 Specification Number	
		TP Test Specification Number	
		W6 Federal Supply Schedule Number	
		Identifies an item with a two-digit group number, two-digit part number, and one-character section letter	
	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.	
X	REF03	352 Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	

Segment: **FOB** F.O.B. Related Instructions

Position: 080

Loop:

Level: Heading

Usage: Optional

Max Use: >1

Purpose: To specify transportation instructions relating to shipment

- Syntax Notes:**
- 1 If FOB03 is present, then FOB02 is required.
 - 2 If FOB04 is present, then FOB05 is required.
 - 3 If FOB07 is present, then FOB06 is required.
 - 4 If FOB08 is present, then FOB09 is required.

- Semantic Notes:**
- 1 FOB01 indicates which party will pay the carrier.
 - 2 FOB02 is the code specifying transportation responsibility location.
 - 3 FOB06 is the code specifying the title passage location.
 - 4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

Comments:

Notes:

Data Element Summary

Ref.	Data Element	Name	Attributes
>>	FOB01	146 Shipment Method of Payment Code identifying payment terms for transportation charges	M ID 2/2
		BP Paid by Buyer The buyer agrees to the transportation payment term requiring the buyer to pay transportation charges to a specified location (origin or destination location)	
		PP Prepaid (by Seller) Use to indicate that transportation charges are not included in the unit price but are prepaid and are to be added as a separate item on this instrument's invoice.	
		PS Paid by Seller The seller agrees to the transportation payment term requiring the seller to pay transportation charges to a specified location (origin or destination location) Use to indicate transportation charges are included in the unit price.	
	FOB02	309 Location Qualifier Code identifying type of location Use to identify the FOB point.	X ID 1/2
		DE Destination (Shipping)	
		OR Origin (Shipping Point)	
X	FOB03	352 Description A free-form description to clarify the related data elements and their content	O AN 1/80
X	FOB04	334 Transportation Terms Qualifier Code Code identifying the source of the transportation terms Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
X	FOB05	335 Transportation Terms Code Code identifying the trade terms which apply to the shipment transportation responsibility Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 3/3
	FOB06	309 Location Qualifier	X ID 1/2

Code identifying type of location

Use to identify the acceptance point. This code also identifies the inspection location unless N101 in the 1/N1/310 loop is Code L1.

DE Destination (Shipping)
 OR Origin (Shipping Point)
 ZZ Mutually Defined

Use to indicate the acceptance point is neither at origin nor at destination. Provide the address in the N1 loop, using code KZ in N101.

X	FOB07	352	Description A free-form description to clarify the related data elements and their content	O AN 1/80
X	FOB08	54	Risk of Loss Qualifier Code specifying where responsibility for risk of loss passes Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
X	FOB09	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80

Segment:	ITD Terms of Sale/Deferred Terms of Sale
Position:	130
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	5
Purpose:	To specify terms of sale
Syntax Notes:	<ol style="list-style-type: none"> 1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required. 2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required. 3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.
Comments:	<ol style="list-style-type: none"> 1 If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.
Notes:	

Data Element Summary

Ref.	Data Des.	Data Element	Name	Attributes
X	ITD01	336	Terms Type Code Code identifying type of payment terms Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
X	ITD02	333	Terms Basis Date Code Code identifying the beginning of the terms period Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 1/2
	ITD03	338	Terms Discount Percent Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).	O R 1/6
X	ITD04	370	Terms Discount Due Date Date payment is due if discount is to be earned	X DT 6/6
	ITD05	351	Terms Discount Days Due Number of days in the terms discount period by which payment is due if terms discount is earned	X N0 1/3
X	ITD06	446	Terms Net Due Date Date when total invoice amount becomes due	O DT 6/6
X	ITD07	386	Terms Net Days Number of days until total invoice amount is due (discount not applicable)	O N0 1/3
X	ITD08	362	Terms Discount Amount Total amount of terms discount	O N2 1/10
X	ITD09	388	Terms Deferred Due Date Date deferred payment or percent of invoice payable is due	O DT 6/6
X	ITD10	389	Deferred Amount Due Deferred amount due for payment	X N2 1/10
X	ITD11	342	Percent of Invoice Payable Amount of invoice payable expressed in percent	X R 1/5
X	ITD12	352	Description A free-form description to clarify the related data elements and their content	O AN 1/80
X	ITD13	765	Day of Month The numeric value of the day of the month between 1 and the maximum day of the month being referenced	X N0 1/2
X	ITD14	107	Payment Method Code Code identifying type of payment procedures	O ID 1/1

X **ITD15** **954** Refer to 003050 Data Element Dictionary for acceptable code values.
Percent **O R 1/10**
Percentage expressed as a decimal

Segment: **DTM** Date/Time Reference

Position: 150

Loop:

Level: Heading

Usage: Optional

Max Use: 10

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:

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	DTM01	374 Date/Time Qualifier Code specifying type of date or time, or both date and time 036 Expiration Date coverage expires	M ID 3/3
	DTM02	373 Date Date (YYMMDD)	X DT 6/6
X	DTM03	337 Time 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) If applicable, use to indicate the time for a delivery.	X TM 4/8
X	DTM04	623 Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Specify the time only in the HHMM format. CT Central Time ET Eastern Time GM Greenwich Mean Time LT Local Time MT Mountain Time PT Pacific Time	O ID 2/2
	DTM05	624 Century The first two characters in the designation of the year (CCYY)	O NO 2/2
X	DTM06	1250 Date Time Period Format Qualifier Code indicating the date format, time format, or date and time format 1. Use any code. 2. Use to qualify a date when it is necessary to express the date in other than YYMMDD format. Use also, to qualify a range of dates or times. Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/3
X	DTM07	1251 Date Time Period Expression of a date, a time, or range of dates, times or dates and times Use to identify a time range for deliveries on a specified date, e.g., use code	X AN 1/35

RTM in DTM06 to qualify a delivery range for March 30, 1995 between 1:00 PM and 4:00 PM local time. Use DTM01/02 to convey the March 30, 1995 date.

Segment: **LDT** Lead Time
Position: 160
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify lead time for availability of products and services
Syntax Notes:
Semantic Notes: 1 LDT04 is the effective date of lead time information.
Comments: 1 LDT02 is the quantity of unit of time periods.
Notes:

Data Element Summary

Ref.	Data Element	Name	Attributes
>> LDT01	345	Lead Time Code Code indicating the time range	M ID 2/2
		AU From Required-By Date to Expiration Date Use to indicate the bid acceptance period allowed by the offeror with the bid due date as the basis.	
		AY From Date of Award to Date of Delivery	
>> LDT02	380	Quantity Numeric value of quantity	M R 1/15
>> LDT03	344	Unit of Time Period or Interval Code indicating the time period or interval	M ID 2/2
		DA Calendar Days	
LDT04	373	Date Date (YYMMDD) Use, as applicable, to cite the effective date of a lead time. For example, the start date of the cited activity.	O DT 6/6

Segment: **PWK** Paperwork
Position: 210
Loop:
Level: Heading
Usage: Optional
Max Use: 25
Purpose: To identify the type and transmission of paperwork or supporting information
Syntax Notes: 1 If either PWK05 or PWK06 is present, then the other is required.
Semantic Notes:
Comments: 1 PWK05 and PWK06 may be used to identify the addressee by a code number.
2 PWK07 may be used to indicate special information to be shown on the specified report.
3 PWK08 may be used to indicate action pertaining to a report.
Notes:

Data Element Summary

Ref.	Data Element	Name	Attributes
>>	PWK01	755 Report Type Code	M ID 2/2
		Code indicating the title or contents of a document, report or supporting item	
		SD Support Data for a Request for Quote	
	PWK02	756 Report Transmission Code	O ID 1/2
		Code defining timing, transmission method or format by which reports are to be sent	
		BE By Mail and Electronically	
		Use to indicate E-Mail.	
		BM By Mail	
		CF Courier	
		EL Electronically Only	
		Use to indicate Electronic Data Interchange (EDI).	
		FX By Fax	
X	PWK03	757 Report Copies Needed	O N0 1/2
		The number of copies of a report that should be sent to the addressee	
	PWK04	98 Entity Identifier Code	O ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	
		7N Party to Receive Proposal	
		BY Buying Party (Purchaser)	
		Use to indicate the contracting officer.	
		IS Party to Receive Certified Inspection Report	
		Use when PWK01 is code IT.	
		KF Audit Office	
		The office performing the audit	
		KG Project Manager	
		The address of the person responsible for the management of a designated project	
		Use to indicate the party responsible for a project to include the Advisor under a Grant.	
		KY Technical Office	
X	PWK05	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification	

			Code (67)				
X	PWK06	67	Identification Code		X	AN	2/20
			Code identifying a party or other code				
	PWK07	352	Description		O	AN	1/80
			A free-form description to clarify the related data elements and their content				
	PWK08	C002	Actions Indicated		O		
			Actions to be performed on the piece of paperwork identified				
>>	C00201	704	Paperwork/Report Action Code		M	ID	1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required				
			PV Provided				
X	C00202	704	Paperwork/Report Action Code		O	ID	1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required				
			Refer to 003050 Data Element Dictionary for acceptable code values.				
X	C00203	704	Paperwork/Report Action Code		O	ID	1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required				
			Refer to 003050 Data Element Dictionary for acceptable code values.				
X	C00204	704	Paperwork/Report Action Code		O	ID	1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required				
			Refer to 003050 Data Element Dictionary for acceptable code values.				
X	C00205	704	Paperwork/Report Action Code		O	ID	1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required				
			Refer to 003050 Data Element Dictionary for acceptable code values.				

Segment: **N9** Reference Number
Position: 290
Loop: N9
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To transmit identifying numbers and descriptive information as specified by the reference number qualifier

Syntax Notes:

- 1 At least one of N902 or N903 is required.
- 2 If N906 is present, then N905 is required.

Semantic Notes:

- 1 N906 reflects the time zone which the time reflects.

Comments:

Notes:

1. Use this 1/N9/290 loop to provide required information that is applicable to the entire quote. To provide information applicable to a line item, use the 2/N9/400 loop.
2. Use this loop to provide certifications, representations and fill-in information, as required in the solicitation (RRA segment) 840 transaction set, that is not provided elsewhere in the transaction set; to provide explanations when BQR06 is either code DQ or UQ; or to specify exceptions (BQR06 is code BW) being taken to some item in the solicitation that cannot be provided elsewhere in the transaction set.
3. When citing a clause in N902, the date of the clause **MUST** be cited in N904 and the title of the clause may be optionally cited in the following MSG segment.
4. When an Alternate section is applicable to a cited clause, the alpha/numeric alternate identifier and date **MUST** be cited in the following MSG segment.
5. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
			M	ID 2/2
>> N901	128	Reference Number Qualifier		
		Code qualifying the Reference Number.		
		55		
		Sequence Number		
		When BQR06 is code DQ or UQ, use to indicate an explanation is being provided in the following MSG segment. Insert the word "Explanation" in N903 when using this code.		
		BB		
		Authorization Number		
		Proves that permission was obtained to provide a service		
		Use to indicate the Code of Federal Regulations.		
		CJ		
		Clause Number		
		Use to indicate a purchasing activity clause (i.e., a clause not found in FAR/DFARS/FIRMR, etc.). Identify the purchasing activity issuing the clause in N903.		
		DF		
		Defense Federal Acquisition Regulations (DFAR)		
		DX		
		Department/Agency Number		
		Use to indicate an Agency Clause and identify the agency in N903.		
		EC		
		Circular		
		Use to indicate an Office of Management and Budget (OMB) Circular number.		

FA	Federal Acquisition Regulations (FAR)
KR	Response to a Request for Quotation Reference A discrete number assigned for identification purpose to a response to a request for quotation Use to indicate fill-in information required by the number cited in N902 is being provided in the following MSG segment.
KT	Request for Quotation Reference A discrete number assigned for identification purposes to a request for quotation When BQR06 is code BW, use to indicate exceptions are being taken to items in the solicitation and are specified in the following MSG segment. Insert the word "Exception" in N903 when this code is used.
KW	Certification A number, taken from an acquisition regulation, which represents a specific certification that must be made by a prospective vendor before a contract or order can be placed with that vendor Use to indicate a certification required by the number cited in N902 is being provided in the following MSG segment.
KX	Representation A number, taken from an acquisition regulation, which represents a specific representation that must be made by a prospective vendor before a contract or order can be placed with that vendor Use to indicate a representation required by the number cited in N902 is being provided in the following MSG segment.
L1	Letters or Notes Use to indicate general information, comments, or notes are being provided by the bidder in the following MSG segment. Insert the word "Note" in N903 when this code is used.

	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 1. When N901 is code 55, cite the word "Explanation"; when N901 is code KT, cite the word "Exception"; when N901 is code L1, cite the word "Note"; when N901 is code CJ, or DX, identify the purchasing activity or agency issuing the clause cited in N902. 2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.	
	N904	373	Date	O DT 6/6
			Date (YYMMDD) Use to identify the date of the clause cited in N902. The DD portion of the date will always be 01.	
X	N905	337	Time	X 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)	
X	N906	623	Time Code	O ID 2/2

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow
Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: **MSG** Message Text
Position: 300
Loop: N9
Level: Heading
Usage: Optional
Max Use: 1000
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 this segment when N901 is code KR, KW, or KX to provide a certification, representation or fill-in information required by the clause or paragraph number cited in N902; when N901 is code L1 to provide general comments or notes; when N901 is code 55 to provide an explanation for not providing a quote; or when N901 is code KT, to identify exceptions being taken to some portion of the solicitation.
2. When providing a certification, representation or fill-in information, the clause title, if cited, and the alternate identifier and date, if applicable, will be the first data provided. This data will be followed by a numeric designation of the number of data items being provided. Each data item will be preceded by the paragraph or section identifier in the clause where the certification, representation or fill-in information is to be inserted (if identifiers are included in the clause). If there is no paragraph or section designator, the required information will immediately follow the numeric designation of the data items being provided. If the information to be provided is to be selected from provided responses within the clause, cite the information that is selected.
3. A pipe sign (|) will be inserted after each data item. As an example, the information required by FAR 52.204-3 would be provided as follows:
Taxpayer Identification| 3| (c) TIN has been applied for| (d) Other corporate entity| (e) Offeror is not owned or controlled by a common parent as defined in paragraph (a) of this clause|
Information required by DFARS 252.211-7012 would be provided as follows:
Certifications--Commercial Items--Competitive Acquisitions| 2|(c)(1) Items offered are commercial items as defined in (b)(1)(iv)| (c2)(ii) Will be produced using government production and research property identified below| Milling Machine| N0001992C1234| Naval Air Systems Command|
In the second example, the name of the offeror and the solicitation number (required by the clause) are provided elsewhere within the transaction set therefore are not repeated in the certification.
4. Use this segment to provide information essential to the quote.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264
X	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2

Segment: **N1** Name
Position: 310
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. Use this 1/N1/310 loop to identify entities or locations that apply to all of the line items. If information varies by line item, use the 2/N1/420 loop.
2. Whenever possible, identification and address information should be provided using N101, N103, and N104. Use N102 and segment N2 through N4 as applicable when address information cannot be provided using one of the codes listed in N103.
3. At least 2 repetitions of this are required using codes BY and SE in N101.
4. Use this segment to provide information essential to the quote.

Data Element Summary

Ref.	Data Element	Name	Attributes
>> N101	98	Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	
		61 Performed At	
		The facility where work was performed	
		Use to indicate the proposed place of performance when it is other than the offeror's mailing address.	
		BY Buying Party (Purchaser)	
		KZ Acceptance Location	
		Use to indicate the acceptance location is proposed at other than origin or destination.	
		L1 Inspection Location	
		Place where the item was viewed or inspected	
		RI Remit To	
		Use to indicate the place to send remittance when it is different than the contractor's address, e.g., a bank, financial office location, etc.	
		SE Selling Party	
		X2 Party to Perform Packaging	
		A party responsible for packaging an item after it has been produced	
N102	93	Name	X AN 1/35
		Free-form name	
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, DPACS requires the use of CAGE Codes or DoDAACs.	

		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) Use to indicate a commercial entity. If the commercial entity does not have a CAGE code, use code ZC.			
	N104	67	Identification Code Code identifying a party or other code	X	AN	2/20
X	N105	706	Entity Relationship Code Code describing entity relationship Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	2/2
X	N106	98	Entity Identifier Code Code identifying an organizational entity, a physical location, or an individual Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	2/2

Segment: N2 Additional Name Information
Position: 320
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 is not necessary when the entity cited in N101 is described by a code in N103/N104.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
>>	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: 330
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 is not necessary when the entity cited in N101 is described by a code in N103/N104.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
>>	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: 340
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 is not necessary when the entity cited in N101 is described by a code in N103/N104.

Data Element Summary

<u>Ref.</u>	<u>Data</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
N405	309	Location Qualifier Code identifying type of location AR Armed Services Location Designation Use to indicate an Army Post Office (APO) or Fleet Post Office (FPO).	X ID 1/2
N406	310	Location Identifier Code which identifies a specific location	O AN 1/30

Segment: **PER** **Administrative Communications Contact**
Position: 360
Loop: N1
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To identify a person or office to whom administrative communications should be directed

- Syntax Notes:**
- 1 If either PER03 or PER04 is present, then the other is required.
 - 2 If either PER05 or PER06 is present, then the other is required.
 - 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:

Comments:

Notes:

1. Use this segment to provide the names and titles of individuals associated with the entity cited in the same N1 loop.
2. When BQR01 is code 00 and N1 is code SE, this segment is REQUIRED.

Data Element Summary

Ref.	Data Element	Name	Attributes
>>	PER01	366 Contact Function Code	M ID 2/2
		Code identifying the major duty or responsibility of the person or group named	
		Use to identify various individuals within the offeror's organization.	
		AA Authorized Representative	
		Use to indicate the person authorized by the offeror to contractually and legally bind the entity.	
		AF Authorized Financial Contact	
		Use to identify the individual in the offeror's company who is responsible for cost and price data.	
		IC Information Contact	
		KA Authorized Negotiator	
		ME Manufacturing	
		Use to indicate the manufacturing point of contact.	
		SU Supplier Contact	
		Use to indicate a contact within the offeror's organization.	
>>	PER02	93 Name	O AN 1/35
		Free-form name	
		Cite last name first, followed by first name. If the whole name is longer than 35 characters, truncate or use initials for the first name. If necessary, use PER09 to cite the party's title.	
>>	PER03	365 Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
		EM Electronic Mail	
		FX Facsimile	
		TE Telephone	
		Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.	
>>	PER04	364 Communication Number	X AN 1/80
		Complete communications number including country or area code when applicable	
	PER05	365 Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	

Segment: **PO1** **Baseline Item Data**
Position: 010
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify basic and most frequently used line item data
Syntax Notes:

- 1 If PO103 is present, then PO102 is required.
- 2 If PO105 is present, then PO104 is required.
- 3 If either PO106 or PO107 is present, then the other is required.
- 4 If either PO108 or PO109 is present, then the other is required.
- 5 If either PO110 or PO111 is present, then the other is required.
- 6 If either PO112 or PO113 is present, then the other is required.
- 7 If either PO114 or PO115 is present, then the other is required.
- 8 If either PO116 or PO117 is present, then the other is required.
- 9 If either PO118 or PO119 is present, then the other is required.
- 10 If either PO120 or PO121 is present, then the other is required.
- 11 If either PO122 or PO123 is present, then the other is required.
- 12 If either PO124 or PO125 is present, then the other is required.

Semantic Notes:

Comments:

- 1 See the Data Dictionary for a complete list of ID's.
- 2 PO101 is the line item identification.
- 3 PO106 through PO125 provide for ten (10) different product/service ID's per each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Notes:

1. If the quote is for the exact item and quantity as specified in the solicitation, PO101, PO104, and PO105 if one of the listed codes is cited, is all that is required. Other data elements may be used, as necessary, to provide any additional information the offeror feels is essential to the quote.
2. When BQR06 is code AB, PO106 is REQUIRED using codes FS, or MG, as necessary, to adequately describe the item and provide information regarding the item, manufacturer and design control source.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
PO101	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set To identify the item being quoted or to which changes are being proposed, this data element must contain whatever numeric or alpha characters that were provided in the solicitation.	O AN 1/11
PO102	330	Quantity Ordered Quantity ordered Use to identify the quantity being quoted. Use the PO3 segment to explain if the quantity being quoted differs from the solicitation quantity.	X R 1/9
PO103	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 1. Use any code. 2. An application program conversion table may be required to convert agency codes to X12 codes. SX Shipment Use when PO101 is a CLIN for transportation charges.	O ID 2/2

ZZ Mutually Defines
 Use to indicate a Task or Job.
 Refer to 003050 Data Element Dictionary for acceptable code values.

PO104 212 Unit Price X R 1/17

Price per unit of product, service, commodity, etc.

1. Cite the unit price for the line item.
2. If a discount is applicable to the line item, cite the discounted price.
3. When PO105 is either code NC or NS, enter the number 0.

PO105 639 Basis of Unit Price Code O ID 2/2

Code identifying the type of unit price for an item

Use only if necessary to provide the basis of the quoted price.

CA Catalog

NC No Charge

Use to indicate this is a no cost item.

NS Not Separately Priced

Use to indicate the item is not separately priced but is included in the price of the item to which it pertains.

PO106 235 Product/Service ID Qualifier X ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

1. PO106 through PO125 are used in pairs. For example, PO106 contains a qualifier code and PO107 contains the data related to the code.
2. If an equal or substitute items is being quoted, as a minimum, include the National Stock Number, or the Manufacturer's Part Number (to indicate who has design control) and Manufacturer.
3. Any code may be used but the listed codes are preferred.

A8 Exhibit Line Item Number

AK Refined Product Code

CG Commodity Grouping

Use to indicate a commodity code.

CH Country of Origin Code

CL Color

CN Commodity Name

FS National Stock Number

Use of this code is required when BQR06 is code AB and the alternate or substitute item has an NSN. The NSN shall be transmitted without dashes.

FT Federal Supply Classification

See ASC X12 Code Source List 27 for the FSCs associated with this code.

KF Item Type Number

LT Lot 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)

MF Manufacturer

When an alternate product is offered, use to indicate the manufacturer of the item if other than the quoting party. When used, cite the DUNS number of the manufacturer in the following 234 data element.

MG Manufacturer's Part Number
 Use of this code is required if BQR06 is code AB and the alternate or substitute item does not have an NSN. When used, a second 235/234 pair must be used citing either code MF or ZB in data element 235.

MN Model Number

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.

PW Part Drawing
 Use of this code is required when BQR06 is code AB.

SN Serial Number

SR Substitute Product Number

SW Stock Number
 Use to indicate a local stock number

SZ Vendor Alphanumeric Size Code (NRMA)
 Use to indicate the size of an item.

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 selling party other than the manufacturer.

ZB Commercial and Government Entity (CAGE) Code
 When an alternate product is offered, use to indicate the manufacturer of an item if other than the quoting party. Use of this code or code MF is required when an alternate product is offered.

FS National Stock Number
 MG Manufacturer's Part Number
 VP Vendor's (Seller's) Part Number

PO107	234	Product/Service ID	X	AN	1/40
		Identifying number for a product or service			
PO108	235	Product/Service ID Qualifier	X	ID	2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		ZB Commercial and Government Entity (CAGE) Code A code that identifies a commercial contractor authorized to do business with the U.S. government			
PO109	234	Product/Service ID	X	AN	1/40
		Identifying number for a product or service			
PO110	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.			
PO111	234	Product/Service ID	X	AN	1/40
		Identifying number for a product or service			
PO112	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.			
PO113	234	Product/Service ID	X	AN	1/40
		Identifying number for a product or service			
PO114	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.			
PO115	234	Product/Service ID	X	AN	1/40
		Identifying number for a product or service			
PO116	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.			
PO117	234	Product/Service ID	X	AN	1/40
		Identifying number for a product or service			
PO118	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.			
PO119	234	Product/Service ID	X	AN	1/40
		Identifying number for a product or service			
PO120	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.			
PO121	234	Product/Service ID	X	AN	1/40
		Identifying number for a product or service			
PO122	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.			
PO123	234	Product/Service ID	X	AN	1/40
		Identifying number for a product or service			
PO124	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.			
PO125	234	Product/Service ID	X	AN	1/40
		Identifying number for a product or service			

Segment: **PO3 Additional Item Detail**
Position: 030
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 25
Purpose: To specify additional item-related data involving variations in normal price/quantity structure

Syntax Notes: 1 If PO304 is present, then at least one of PO303 or PO305 is required.
Semantic Notes:
Comments: 1 Some examples of price/quantity variations æ: price in different units from the PO1 segment, price changes by date, or price changes by quantity (break and level).
 2 PO307 defines the unit of measure for PO306.
Notes: Use this 2/PO3/030 segment, as necessary, to identify additional information regarding the item being quoted in the PO1 segment.

Data Element Summary

Ref.	Data Element	Name	Attributes
>>	PO301	371 Change Reason Code Code specifying the reason for price or quantity change	M ID 2/2
		1. Use to provide an explanation if the quantity or unit of measure being quoted is different than in the solicitation.	
		2. Use also to provide the alternate quantity and unit of measure being quoted if one was identified in the solicitation.	
		AQ Alternate Quantity and Unit of Measure Use to indicate that an item has an alternate quantity and unit of measure (e.g., POC03/POC05 would cite 10,000 LB and PO306/07 could cite 10 SH. Both quantities and units of measure are applicable to the item being purchased - steel plates).	
		MC Pack/Size Measure Difference	
		PC Pack Difference	
		QH Quantity on Hand	
		QT Quantity Price Break Use to indicate the quantity quoted, if different than solicited, represents a price break for the buying party.	
		SC Size Difference	
		UM Unit of Measure Difference	
X	PO302	373 Date Date (YYMMDD)	O DT 6/6
X	PO303	236 Price Identifier Code Code identifying pricing specification Use any code. Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 3/3
	PO304	212 Unit Price Price per unit of product, service, commodity, etc.	O R 1/17
	PO305	639 Basis of Unit Price Code Code identifying the type of unit price for an item Use any code. Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/2
>>	PO306	380 Quantity Numeric value of quantity	M R 1/15

>>	PO307	355	Due to the mandatory nature of this data element, when PO301 is code MC, PC, QH, QT, SC, or UM, repeat the quantity cited in PO102.	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			1. Use any code.		
			2. Due to the mandatory nature of this data element, when PO301 is code EV, MC, MP, PC, QH, QT, SC, or UM, repeat the unit of measure cited in PO103.		
			3. An application program conversion table may be required to convert agency codes to X12 codes.		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
X	PO308	352	Description	O AN 1/80	
			A free-form description to clarify the related data elements and their content		

Segment: **CTP Pricing Information**
Position: 040
Loop: PO1
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify pricing information
Syntax Notes:

- 1 If either CTP04 or CTP05 is present, then the other is required.
- 2 If CTP06 is present, then CTP07 is required.
- 3 If CTP09 is present, then CTP02 is required.
- 4 If CTP10 is present, then CTP02 is required.

Semantic Notes:

- 1 CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
- 2 CTP08 is the rebate amount.

Comments:

- 1 See Figures Appendix for an example detailing the use of CTP03 and CTP04. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

Notes:

1. Use this segment to provide pricing information requested in the solicitation or to provide additional prices related to the line item, e.g., prepaid transportation charges.
2. Example of step ladder quantity prices for quantities 1-10, 11-20, 21-30, and 31-50:

```

CTP**PBQ**1*EA n/l
CTP**ICL*25.00*10*EA n/l
CTP**ICL*24.50*20*EA n/l
CTP**ICL*23.50*30*EA n/l
CTP**MAX*22.00*50*EA n/l

```

Data Element Summary

Ref.	Data	Attributes	
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>ID</u>
X	CTP01	687 Class of Trade Code Code indicating class of trade Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
	CTP02	236 Price Identifier Code Code identifying pricing specification Any code may be used to provide information regarding the pricing of an item. ALT Alternate Price Use to indicate a lease-to-purchase price. A request has been submitted to ASC X12 to add a code for Lease-to-Purchase Price. If approved, we expect the code will be available for use in the ASC X12 Version/Release 3060 CAT Catalog Price Use to indicate catalog price if PO104 is not the quoting party's catalog price and the solicitation requested the bidder to identify the catalog price. ICL Unit Price Through Quantity When providing prices for different quantities, use to indicate the end of a quantity range. MAX Maximum Order Quantity Price When providing prices for different quantities, use to indicate the quantity above which the price will not change. PAP Protection Level Price	X ID 3/3

Use to indicate the price for the packaging protection level cited in CTP10.

PAQ Price Break Quantity(s)

Use to provide the price break quantities as requested in the solicitation.

PBQ Unit Price Beginning Quantity

When providing prices for different quantities, use to indicate the beginning of a quantity range.

PPA Packing Level Price

Use to provide the price for the packing level cited in CTP10.

PUR Purchase

Use to indicate the price when it is less costly to replace than to repair.

ZNP Zone Price Code

Use to indicate the price for delivery to the zone cited in CTP10.

CAT	Catalog Price
ICL	Unit Price Through Quantity
MAX	Maximum Order Quantity Price
PAQ	Price Break Quantity(s)
PBQ	Unit Price Beginning Quantity

	CTP03	212	Unit Price	O R	1/17
			Price per unit of product, service, commodity, etc.		
	CTP04	380	Quantity	X R	1/15
			Numeric value of quantity		
	CTP05	355	Unit or Basis for Measurement Code	X ID	2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			1. Use any code.		
			2. An application program conversion table may be required to convert agency codes to X12 codes.		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
X	CTP06	648	Price Multiplier Qualifier	O ID	3/3
			Code indicating the type of price multiplier		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
X	CTP07	649	Multiplier	X R	1/10
			Value to be used as a multiplier to obtain a new value		
X	CTP08	782	Monetary Amount	O R	1/15
			Monetary amount		
X	CTP09	639	Basis of Unit Price Code	O ID	2/2
			Code identifying the type of unit price for an item		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
	CTP10	499	Condition Value	O AN	1/10
			Identifies rate restrictions or provisions		
			When CTP02 is code PAP, PPA, or ZNP, cite the applicable protection level, packing level or zone to which the price in CTP03 applies.		

Segment: **MEA** Measurements

Position: 049

Loop: PO1

Level: Detail

Usage: Optional

Max Use: 40

Purpose: To specify physical measurements or counts, including dimensions, tolerances, variances, and weights(See Figures Appendix for example of use of C001)

- Syntax Notes:**
- 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.
 - 2 If MEA05 is present, then MEA04 is required.
 - 3 If MEA06 is present, then MEA04 is required.
 - 4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
 - 5 Only one of MEA08 or MEA03 may be present.

Semantic Notes: 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

Comments: 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Notes: 1. Use this 2/MEA/049 segment to provide information that applies to a specific line item. Use the 1/MEA/200 segment to provide information that applies to all of the line items.

2. This segment can be used to specify the variations in quantity permitted; and for a requirements or an indefinite quantity type procurement instrument, the minimum/maximum quantity per order, the maximum that may be ordered during a specified time period, and the minimum and maximum obligations of the government and the contractor.

3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
X	MEA01	737 Measurement Reference ID Code	O ID 2/2
		Code identifying the broad category to which a measurement applies	
		Use any code.	
		BT Batch Limits Use to indicate the minimum and maximum limits of the government's obligation to order either in terms of dollars or quantity under a requirements or indefinite quantity type award instrument, a task order or a delivery order depending on the code cited in BQT06 of the 840 solicitation. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.	
		CT Counts Use to indicate variations in quantity when it is expressed as a discrete quantity. Specify the quantity under and/or over in MEA05/06.	
		DE Defects Use to indicate a warranty period.	
		LT Lot Limits Use to indicate the minimum and maximum limits of the contractor's obligation either in terms of dollars or quantity to deliver under a requirements or an indefinite quantity type award instrument. Do not use for a purchase order or delivery order. Use MEA04-C00101 to identify the unit of	

measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.

OL Order Limits

Use to indicate the maximum that the government may order from a requirements or an indefinite quantity type award instrument in a specified time period. Do not use for a purchase order or delivery order. Use MEA03 to identify the quantity, MEA04-C00101 to identify the unit of measure, and MEA04-C00104 to identify the time period.

PM Permitted

Use to indicate the minimum and maximum quantity or dollars that are permitted per order against a requirements or an indefinite quantity type award instrument. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.

Refer to 003050 Data Element Dictionary for acceptable code values.

MEA02 738 Measurement Qualifier O ID 1/3

Code identifying a specific product or process characteristic to which a measurement applies

Use any code.

MX Maximum

When MEA01 is code OL, use to indicate the maximum amount that can be ordered in a specified period of time.

PO Percent of Order (-, +)

Use to indicate the variation of quantity permitted when it is expressed as a percent of the quantity ordered. Specify the percent under and/or over in MEA05/06.

RY Ratio

Use to indicate the proposed share ratio for an incentive or cost sharing contract. Identify the proposed Government share in MEA05 and the proposed contractor share in MEA06.

TT Time

Use to indicate the length of a warranty period. Specify the number of days, weeks, months or years in MEA03 and the time period in MEA04-C00101.

PO Percent of Order (-, +)

Expression of allowable variance of order expressed either as absolute (for example 92% to 110%) or relative percent (for example - 8% to + 10%)

Use to indicate the variation of quantity permitted when it is expressed as a percent of the quantity ordered. Specify the percent under and/or over in MEA05/06.

X MEA03 739 Measurement Value X R 1/20

The value of the measurement

MEA04 C001 Composite Unit of Measure X

To identify a composite unit of measure(See Figures Appendix for examples of use.)

1. This composite unit of measure can be used to indicate the maximum that may be ordered during a specified period of time under a requirements or an indefinite quantity type award instrument.

2. For example: If the maximum that can be ordered per quarter is 10,000 each, then MEA01 would cite code OL, MEA02 would cite code MX, MEA03 would cite 10,000, MEA04-C00101 would cite code EA and MEA04-C00104

			would cite code Q1.			
>>	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 1. Use any code. 2. An application program conversion table may be required to convert agency codes to X12 codes.	M	ID	2/2
			P1		Percent	
X	C00102	1018	Exponent Power to which a unit is raised	O	R	1/15
X	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R	1/10
X	C00104	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 1. Use any code. 2. An application program conversion table may be required to convert agency codes to X12 codes. Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	2/2
X	C00105	1018	Exponent Power to which a unit is raised	O	R	1/15
X	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R	1/10
X	C00107	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 Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	2/2
X	C00108	1018	Exponent Power to which a unit is raised	O	R	1/15
X	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R	1/10
X	C00110	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 Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	2/2
X	C00111	1018	Exponent Power to which a unit is raised	O	R	1/15
X	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R	1/10
X	C00113	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 Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	2/2
X	C00114	1018	Exponent Power to which a unit is raised	O	R	1/15
X	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R	1/10
	MEA05	740	Range Minimum The value specifying the minimum of the measurement range 1. When MEA01 is code CT or MEA02 is code PO, use to specify the variation in quantity under. 2. When MEA02 is RY, use to specify the proposed Government share.	X	R	1/20

			3. When MEA01 is code BT, LT, or PM, use to specify the minimum amount or quantity.
			4. Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).
	MEA06	741	Range Maximum X R 1/20 The value specifying the maximum of the measurement range
			1. When MEA01 is code CT or MEA02 is code PO, use to specify the variation in quantity over.
			2. When MEA02 is RY, use to specify the proposed contractor share.
			3. When MEA01 is code BT, LT, or PM, use to specify the maximum amount or quantity.
			4. Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).
X	MEA07	935	Measurement Significance Code O ID 2/2 Code used to benchmark, qualify or further define a measurement value Refer to 003050 Data Element Dictionary for acceptable code values.
X	MEA08	936	Measurement Attribute Code X ID 2/2 Code used to express an attribute response when a numeric measurement value cannot be determined Refer to 003050 Data Element Dictionary for acceptable code values.
X	MEA09	752	Surface/Layer/Position Code O ID 2/2 Code indicating the product surface, layer or position that is being described Refer to 003050 Data Element Dictionary for acceptable code values.
X	MEA10	1373	Measurement Method or Device X ID 2/4 The method or device used to record the measurement Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: **PID** Product/Item Description
Position: 050
Loop: PID
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To describe a product or process in coded or free-form format
Syntax Notes:

- 1 If PID04 is present, then PID03 is required.
- 2 At least one of PID04 or PID05 is required.
- 3 If PID07 is present, then PID03 is required.
- 4 If PID08 is present, then PID03 is required.

Semantic Notes:

- 1 Use PID03 to indicate the organization that publishes the code list being referred to.
- 2 PID04 should be used for industry-specific product description codes.
- 3 PID08 describes the physical characteristics of the product identified in PID04. A ``Y" indicates that the specified attribute applies to this item. A ``N" indicates it does not apply. Any other value is indeterminate.

Comments:

- 1 If PID01 = ``F", then PID05 is used. If PID01 = ``S", then PID04 is used. If PID01 = ``X", then both PID04 and PID05 are used.
- 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
- 3 PID07 specifies the individual code list of the agency specified in PID03.

Notes: Use this segment ONLY if it is necessary to further describe a line item specified in PO101.

Data Element Summary

Ref.	Data	Name	Attributes
>>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
	PID01	349 Item Description Type Code indicating the format of a description F Free-form	M ID 1/1
	PID02	750 Product/Process Characteristic Code Code identifying the general class of a product or process characteristic MAC Material Classification Class of material, e.g. prime, secondary, etc. Use to indicate the item cited in the same PO1 loop is a surplus item.	O ID 2/3
X	PID03	559 Agency Qualifier Code Code identifying the agency assigning the code values	X ID 2/2
	PID04	751 Product Description Code A code from an industry code list which provides specific data about a product characteristic When PID02 is code MAC, cite the classification of the item using the following: Cite the letter "N" for new/unused, cite the letter "R" for new/reconditioned, cite the letter "M" for new/modified, or cite the letter "O" for used/overhauled.	X AN 1/12
	PID05	352 Description A free-form description to clarify the related data elements and their content 1. Use to provide additional information applicable to a line item. 2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.	X AN 1/80
X	PID06	752 Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2
X	PID07	822 Source Subqualifier	O AN 1/15

X	PID08	1073	Yes/No Condition or Response Code	O ID 1/1
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A reference that indicates the table or text maintained by the Source Qualifier
Code indicating a Yes or No condition or response
Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	PKG Marking, Packaging, Loading
Position:	080
Loop:	PO1
Level:	Detail
Usage:	Optional
Max Use:	25
Purpose:	To describe marking, packaging, loading, and unloading requirements
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of PKG04 PKG05 or PKG06 is required. 2 If PKG04 is present, then PKG03 is required. 3 If PKG05 is present, then PKG01 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 PKG04 should be used for industry-specific packaging description codes.
Comments:	<ol style="list-style-type: none"> 1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc. 2 If PKG01 = ``F", then PKG05 is used. If PKG01 = ``S", then PKG04 is used. If PKG01 = ``X", then both PKG04 and PKG05 are used. 3 Use PKG03 to indicate the organization that publishes the code list being referred to. 4 Special marking or tagging data can be given in PKG05 (description).
Notes:	<ol style="list-style-type: none"> 1. Use this 2/PKG/080 segment if the packaging requirements apply to a specific line item. Use the 2/PKG/530 segment if the packaging requirements apply to a named entity. 2. Packaging information such as the number of items in a unit container, the number of unit containers in an intermediate container, and the gross weight, cube, and dimensions of a unit container or an intermediate container is carried in the 2/PO4/090 segment. 3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
PKG01	349	Item Description Type Code indicating the format of a description Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 1/1
PKG02	753	Packaging Characteristic Code Code specifying the marking, packaging, loading and related characteristics being described Use the listed codes to identify applicable packaging requirements.	O ID 1/5
		CD Cleaning or Drying Procedure	
		CT Cushioning Thickness	
		CUD Cushioning and Dunnage	
		HM Hazardous Material	
		IC Intermediate Container	
		LP Level Of Preservation	
		OPI Optional Procedure Indicator	
		PK Packing	
		When the packing code associated with this Packaging Characteristic Code is a three position code; the first position signifies Level A packing for overseas shipments via surface; the second position signifies Level B packing for overseas shipments via freight forwarder, APO/FPO, or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per ASTM D3951 is	

					being proposed, cite MIL-STD 2073-2C code X in PKG04.
		PM			Preservation Method
		PML			Preservation Material
		SMK			Special Marking
		UC			Unit Container
		UCL			Unit Container Level
		WM			Wrapping Material
PKG03	559	Agency Qualifier Code		X	ID 2/2
					Code identifying the agency assigning the code values
		DF			Department of Defense (DoD)
		GS			General Services Administration (GSA)
					Responsible for Federal Specification
		ZZ			Mutually Defined
					Use to indicate a federal activity other than DoD or GSA. Data maintenance has been submitted to ASC X12 requesting a code for Federal Government. If approved, we expect the code will be available for use in ASC X12 Version/Release 3060.
PKG04	754	Packaging Description Code		X	AN 1/7
					A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product
					The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in ASC X12 Code Source List 197 (which is MIL-STD-2073-2C).
PKG05	352	Description		X	AN 1/80
					A free-form description to clarify the related data elements and their content
					1. When PKG04 carries a code indicating that the item will be packed differently than required in the solicitation, use to provide an explanation.
					2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.
X	PKG06	400	Unit Load Option Code	X	ID 2/2
					Code identifying loading or unloading a shipment
					Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: **PO4** Item Physical Details
Position: 090
Loop: PO1
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item

- Syntax Notes:**
- 1 If either PO402 or PO403 is present, then the other is required.
 - 2 If PO405 is present, then PO406 is required.
 - 3 If either PO406 or PO407 is present, then the other is required.
 - 4 If either PO408 or PO409 is present, then the other is required.
 - 5 If PO410 is present, then PO413 is required.
 - 6 If PO411 is present, then PO413 is required.
 - 7 If PO412 is present, then PO413 is required.
 - 8 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.

Semantic Notes:

- Comments:**
- 1 PO403 - The "Unit of Measure Code" (Element #355) in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. Example: If the carton contains 24 12-Ounce packages, it would be described as follows: Element 356 = 24; Element 357 = 12; Element 355 = OZ.
 - 2 PO413 defines the unit of measure for PO410, PO411, and PO412.

- Notes:**
1. Use this segment to specify the weight, cube or dimensions of the unit or intermediate pack; the unit pack quantity or intermediate container quantity; to indicate palletized loads or shrink wrap. To specify the unit pack quantity, use PO401, PO403, and PO404 (code UNT). If there are 50 pairs in a unit container, PO401 would cite 50, and PO404 would cite code UNT. If it is necessary to specify not only the quantity of items in a unit container, but also the size and unit of measure of those items, use PO401, PO402, PO403, and PO404. In this instance, if there are 24, 12 oz bottles in the unit container, PO401 would cite 24, PO402 would cite 12, PO403 would cite code OZ, and PO404 would cite code UNT. In either of these examples, the number of unit containers in an intermediate container would be carried in PO414. If only the quantity per unit container is required, use code INT in PO404 and cite the quantity in PO414.
 2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>	<u>Pack</u>	<u>O</u> <u>N0</u> <u>1/6</u>
	356	Pack	
		Number of inner pack units per outer pack unit	
		1. Use to identify the unit pack quantity.	
		2. Cite the number 777777 to indicate a bulk quantity (MIL-STD 2073-2C code BLK).	
X	PO402	357 Size	X R 1/8
		Size of supplier units in pack	
		Use only to identify the size of the individual items within a unit container.	
X	PO403	355 Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		1. Use any code.	

			2. An application program conversion table may be required to convert agency codes to X12 codes. Refer to 003050 Data Element Dictionary for acceptable code values.			
X	PO404	103	Packaging Code Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material	O	AN	3/5
X	PO405	187	Weight Qualifier Code defining the type of weight	O	ID	1/2
			Use any code. Refer to 003050 Data Element Dictionary for acceptable code values.			
	PO406	384	Gross Weight per Pack Numeric value of gross weight per pack	X	R	1/9
			Use this data element to specify the weight of a container. The weight shall be provided to 1 decimal place.			
	PO407	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	X	ID	2/2
			1. Use any code. 2. An application program conversion table may be required to convert agency codes to X12 codes. Refer to 003050 Data Element Dictionary for acceptable code values.			
X	PO408	385	Gross Volume per Pack Numeric value of gross volume per pack	X	R	1/9
			Use this data element to specify the cube of a container. The cube shall be provided to 3 decimal places.			
X	PO409	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	X	ID	2/2
			1. Use any code. 2. An application program conversion table may be required to convert agency codes to X12 codes. Refer to 003050 Data Element Dictionary for acceptable code values.			
	PO410	82	Length Largest horizontal dimension of an object measured when the object is in the upright position	O	R	1/8
	PO411	189	Width Shorter measurement of the two horizontal dimensions measured with the object in the upright position	O	R	1/8
	PO412	65	Height Vertical dimension of an object measured when the object is in the upright position	O	R	1/8
			Use to specify the depth of a container.			
	PO413	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	X	ID	2/2
			1. Use any code. 2. An application program conversion table may be required to convert agency codes to X12 codes. Refer to 003050 Data Element Dictionary for acceptable code values.			
	PO414	810	Inner Pack Number of units in each selling pack	O	N0	1/6
			Use to specify the quantity of unit containers in an intermediate container.			

Segment: REF Reference Numbers
Position: 100
Loop: PO1
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 this 2/REF/100 segment to identify reference numbers that apply to a specific line item. Use the 1/REF/050 segment to identify reference numbers that apply to all of the line items.
 2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
>> REF01	128	Reference Number Qualifier	M ID 2/2
		Code qualifying the Reference Number.	
		When codes CT or W6 are used, one iteration of the 2/DTM/200 segment is REQUIRED. Use code 036 (Expiration) in DTM01 and provide the expiration date of the cited schedule or contract in DTM02.	
	2Y	Wage Determination	
		Use to indicate a Department of Labor Wage Determination.	
	73	Statement of Work (SOW)	
		Description of a product or service to be procured under a contract; statement of requirements	
		If a Statement of Work is part of the quote, the PWK segment can be used to indicate how the SOW is being provided.	
	97	Package Number	
		A serial number indicating unit shipped	
	AH	Agreement Number	
		Use to indicate a Union Agreement Number.	
	C7	Contract Line Item Number	
	CH	Customer catalog number	
	CT	Contract Number	
		Use to indicate a contract or agreement other than a Federal Supply Schedule from which the quoted item can be ordered. Enter the contract number in REF02 and explain the nature of the contract in REF03 if necessary. The expiration date of the contract must be specified in the DTM segment.	
	DG	Drawing Number	
		If a revision number and/or date must be cited for the drawing number, concatenate the revision number with the drawing number and provide the date in REF03.	
	IJ	Standard Industry Classification (SIC) Code	
		Use to indicate an exception is being taken to the Standard Industry Classification (SIC) code applicable to the solicitation. When used, the bidder should cite	

		the SIC code considered appropriate.
IX		Item Number Use to indicate a Federal supply schedule (FSS) special item number.
K6		Purchase Description
LT		Lot Number
LX		Qualified Products List Use to indicate the Qualified Products List (QPL) number where the quoted item can be found.
NI		Military Standard (MIL-STD) Number
P4		Project Code
QC		Product Specification Document Number Model designation of replacement component
S2		Military Specification Number (MILSPEC)
S3		Specification Number Use to indicate a specification number other than a MIL-SPEC. When used, identify the specification in REF03.
TN		Transaction Reference Number Use to indicate a unique reference number for a related transaction set.
TP		Test Specification Number
VW		Standard Use to indicate a standard other than a MIL-STD. When used, identify the standard in REF03.
W6		Federal Supply Schedule Number Identifies an item with a two-digit group number, two-digit part number, and one-character section letter Use to indicate a Federal Supply Schedule in which the quoted item can be found and provide the Schedule number in REF02. The expiration date MUST be noted in the DTM segment.
ZZ		Mutually Defined Use to indicate another type of reference number. When used, identify the nature of the number in REF03.

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. If a document has a revision, the document number and the revision number should be concatenated and cited in this data element.	
REF03	352	Description	X AN 1/80
		A free-form description to clarify the related data elements and their content 1. Use, if necessary, to carry additional information applicable to a reference number cited in REF02. 2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.	

Segment: SAC Service, Promotion, Allowance, or Charge Information
Position: 130
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 25
Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- Syntax Notes:**
- 1 At least one of SAC02 or SAC03 is required.
 - 2 If either SAC03 or SAC04 is present, then the other is required.
 - 3 If either SAC06 or SAC07 is present, then the other is required.
 - 4 If either SAC09 or SAC10 is present, then the other is required.
 - 5 If SAC11 is present, then SAC10 is required.
 - 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
 - 7 If SAC14 is present, then SAC13 is required.

- Semantic Notes:**
- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
 - 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
 - 3 SAC08 is the allowance or charge rate per unit.
 - 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
 - 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
 - 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

- Comments:**
- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
 - 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Notes: Use this 2/SAC/130 segment to identify amounts and, if applicable, quantities, for services, allowances, or non-CLIN charges that apply to a specific line item. If the amounts and quantities for the services, allowances or non-CLIN charges apply to all of the line items, use the 1/SAC/120 segment.

Data Element Summary

Ref.	Data Element	Name	Attributes
>> SAC01	248	Allowance or Charge Indicator	M ID 1/1
		Code which indicates an allowance or charge for the service specified	
		C Charge	
		N No Allowance or Charge	
		Use to indicate there is no charge for the service specified SAC02.	
SAC02	1300	Service, Promotion, Allowance, or Charge Code	X ID 4/4
		Code identifying the service, promotion, allowance, or charge	
		1. Any code may be used but the listed codes are preferred.	
		2. As a minimum, the codes listed in the solicitation must be used to identify whether or not there is a charge.	
		B180 Cleaning Charge	

B610 Container Service Charge USA/Canada

Use to indicate a reusable container.

B870 Customs Charge

C240 Disconnect Charge

C330 Distribution Fee

C370 Diversion Charge

C880 Expediting Premium

D500 Handling

D530 Hazardous Cargo Charge

D660 Hook-up charge

D820 Inside Delivery

D870 Inspection

D890 Installation and Training

D900 Installation

E340 Less Than Truckload (LTL) Charge

Use to indicate a charge for a less than carload or truckload delivery.

E400 Loading (Labor Charges)

F150 Packaging Service

F460 Postage

F560 Premium Transportation

F830 Proof of Delivery

Use to indicate a charge for the preparation of a DD Form 250.

G030 Reconnect charge

G350 Rents and Leases

G470 Restocking Charge

G530 Rework

G580 Royalties

G660 Scrap Allowance

G740 Service Charge

G760 Set-up

H170 Special Tooling Charge

H430 Storage

H540 Supplemental Items

Use to indicate the amount for Contractor Acquired Parts (CAP).

H550 Surcharge

H850 Tax

Use to indicate total taxes applicable to the line item amount that are included in the unit prices.

H990 Testing Services Charge

I260 Transportation Direct Billing

Use to indicate the amount for pre-paid transportation charges that will be added to an invoice.

I380 Unloading (Labor Charges)

I590 Warranties

Refer to 003050 Data Element Dictionary for acceptable code values.

X

SAC03

559

Agency Qualifier Code

X ID 2/2

			Code identifying the agency assigning the code values Refer to 003050 Data Element Dictionary for acceptable code values.			
X	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code Agency maintained code identifying the service, promotion, allowance, or charge	X	AN	1/10
	SAC05	610	Amount Monetary amount	O	N2	1/15
	SAC06	378	Allowance/ Charge Percent Qualifier Code indicating on what basis allowance or charge percent is calculated 1. Use any code.	X	ID	1/1
	SAC07	332	Percent Percent expressed as a percent Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).	X	R	1/6
	SAC08	118	Rate Rate expressed in the standard monetary denomination for the currency specified	O	R	1/9
	SAC09	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 An application program conversion table may be required to convert agency codes to X12 codes.	X	ID	2/2
	SAC10	380	Quantity Numeric value of quantity If applicable, use to identify the quantity to which the amount in SAC05 applies. SAC10/11 can be used together to specify a quantity range to which the amount in SAC05 applies.	X	R	1/15
	SAC11	380	Quantity Numeric value of quantity	O	R	1/15
X	SAC12	331	Allowance or Charge Method of Handling Code Code indicating method of handling for an allowance or charge Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	2/2
X	SAC13	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
X	SAC14	770	Option Number A unique number identifying available promotion or allowance options when more than one is offered	O	AN	1/20
X	SAC15	352	Description A free-form description to clarify the related data elements and their content	O	AN	1/80

Segment: **ITD** **Terms of Sale/Deferred Terms of Sale**

Position: 150

Loop: PO1

Level: Detail

Usage: Optional

Max Use: 2

Purpose: To specify terms of sale

Syntax Notes:

- 1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
- 2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
- 3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.

Semantic Notes:

- 1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.

Comments:

- 1 If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

Notes:

1. Use this 2/ITD/150 segment when a discount applies to individual line items. If the discount applies to all of the line items, use the 1/ITD/130 segment.
2. The Prompt Payment Act specifies payment terms as Net 30 unless an appropriate discount is applicable. Contractors do not need to cite net payment terms.

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>		
X	ITD01	336	Terms Type Code	O	ID 2/2
			Code identifying type of payment terms		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
X	ITD02	333	Terms Basis Date Code	O	ID 1/2
			Code identifying the beginning of the terms period		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
	ITD03	338	Terms Discount Percent	O	R 1/6
			Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date		
			Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).		
X	ITD04	370	Terms Discount Due Date	X	DT 6/6
			Date payment is due if discount is to be earned		
	ITD05	351	Terms Discount Days Due	X	N0 1/3
			Number of days in the terms discount period by which payment is due if terms discount is earned		
X	ITD06	446	Terms Net Due Date	O	DT 6/6
			Date when total invoice amount becomes due		
X	ITD07	386	Terms Net Days	O	N0 1/3
			Number of days until total invoice amount is due (discount not applicable)		
X	ITD08	362	Terms Discount Amount	O	N2 1/10
			Total amount of terms discount		
X	ITD09	388	Terms Deferred Due Date	O	DT 6/6
			Date deferred payment or percent of invoice payable is due		
X	ITD10	389	Deferred Amount Due	X	N2 1/10
			Deferred amount due for payment		
X	ITD11	342	Percent of Invoice Payable	X	R 1/5
			Amount of invoice payable expressed in percent		
X	ITD12	352	Description	O	AN 1/80
			A free-form description to clarify the related data elements and their content		
X	ITD13	765	Day of Month	X	N0 1/2
			The numeric value of the day of the month between 1 and the maximum day		

X	ITD14	107	of the month being referenced Payment Method Code Code identifying type of payment procedures Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	1/1
X	ITD15	954	Percent Percentage expressed as a decimal	O	R	1/10

Segment: **DIS** Discount Detail
Position: 160
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 20
Purpose: To specify the exact type and terms of various discount information
Syntax Notes:
Semantic Notes:

- 1 DIS05 is the minimum for application of the discount.
- 2 DIS06 is the maximum for application of the discount.

Comments:
Notes:

1. Use this 2/DIS/160 segment to identify volume discount information applicable to the line item that is based on the dollar value purchased.
 2. Use the 2/N9/400 segment, with N901 citing code L1, and the 2/MSG/410, to specify other volume or promotional discounts that apply to a line item.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	DIS01	653 Discount Terms Type Code	M ID 3/3
		Code to define the units in which the discount will be determined, i.e., dollars, case, truckload, etc. Refer to 003050 Data Element Dictionary for acceptable code values.	
>>	DIS02	654 Discount Base Qualifier	M ID 2/2
		Code to define unit of discount, i.e., dollars, cases, alternate products, etc. Refer to 003050 Data Element Dictionary for acceptable code values.	
>>	DIS03	655 Discount Base Value	M R 1/10
		A multiplier amount used in conjunction with discount base qualifier to determine the value of the discount	
>>	DIS04	656 Discount Control Limit Qualifier	M ID 2/3
		Code to define the units of the limits for determining discount Refer to 003050 Data Element Dictionary for acceptable code values.	
>>	DIS05	657 Discount Control Limit	M N0 1/10
		Amount or time associated with application of the discount	
	DIS06	657 Discount Control Limit	O N0 1/10
		Amount or time associated with application of the discount	

Segment: **FOB** F.O.B. Related Instructions
Position: 180
Loop: PO1
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify transportation instructions relating to shipment

Syntax Notes:

- 1 If FOB03 is present, then FOB02 is required.
- 2 If FOB04 is present, then FOB05 is required.
- 3 If FOB07 is present, then FOB06 is required.
- 4 If FOB08 is present, then FOB09 is required.

Semantic Notes:

- 1 FOB01 indicates which party will pay the carrier.
- 2 FOB02 is the code specifying transportation responsibility location.
- 3 FOB06 is the code specifying the title passage location.
- 4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

Comments:

Notes:

1. Use this 2/FOB/180 segment when the FOB point and acceptance location applies to a specific line item. Use the 1/FOB/080 segment to specify an FOB point and acceptance location that applies to all of the line items.
2. This segment is not used when the quote is for a service without deliverables or construction.
3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref.	Data Element	Name	Attributes
>>	FOB01	146 Shipment Method of Payment	M ID 2/2
		Code identifying payment terms for transportation charges	
		BP Paid by Buyer	
		The buyer agrees to the transportation payment term requiring the buyer to pay transportation charges to a specified location (origin or destination location)	
		Use to indicate a Government Bill of Lading (GBL) will be issued.	
		PE Prepaid and Summary Bill	
		Use when transportation charges are to be prepaid by the seller, are not included in the unit price, and are to be invoiced periodically.	
		PP Prepaid (by Seller)	
		Use to indicate that transportation charges are not included in the unit price but are prepaid and are to be added as a separate item on this instrument's invoice. When used, if known, specify the cost in the SAC segment citing code I260 in SAC02.	
		PS Paid by Seller	
		The seller agrees to the transportation payment term requiring the seller to pay transportation charges to a specified location (origin or destination location)	
		Use to indicate transportation charges are included in the unit price.	
	FOB02	309 Location Qualifier	X ID 1/2
		Code identifying type of location	

			Use to indicate the FOB point.			
			DE	Destination (Shipping)		
			FV	Free Alongside Vessel (Free On Board [F.O.B.] Point)		
			IT	Intermediate FOB Point		
			A location indicating the point of destination is not the origin or final destination but rather at some other point			
			Use to indicate the FOB point is a freight forwarder. Provide the address in the N1 loop, citing code IC in N101.			
			OR	Origin (Shipping Point)		
			ZZ	Mutually Defined		
			Use to indicate another FOB point, i.e., neither at origin nor at destination. Provide the address in the N1 loop, citing code KX in N101.			
X	FOB03	352	Description	O	AN	1/80
			A free-form description to clarify the related data elements and their content			
X	FOB04	334	Transportation Terms Qualifier Code	O	ID	2/2
			Code identifying the source of the transportation terms			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	FOB05	335	Transportation Terms Code	X	ID	3/3
			Code identifying the trade terms which apply to the shipment transportation responsibility			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
	FOB06	309	Location Qualifier	X	ID	1/2
			Code identifying type of location			
			Use to identify the acceptance location. This code also identifies the inspection location unless N101 in the 2/N1/420 loop is code L1.			
			DE	Destination (Shipping)		
			OR	Origin (Shipping Point)		
			ZZ	Mutually Defined		
			Use to indicate the acceptance point is neither at origin nor at destination. Provide the address in the N1 loop, using code KZ in N101.			
X	FOB07	352	Description	O	AN	1/80
			A free-form description to clarify the related data elements and their content			
X	FOB08	54	Risk of Loss Qualifier	O	ID	2/2
			Code specifying where responsibility for risk of loss passes			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	FOB09	352	Description	X	AN	1/80
			A free-form description to clarify the related data elements and their content			

Segment: **DTM** Date/Time Reference
Position: 200
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 10
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:

1. Use this 2/DTM/200 segment when dates apply to a specific line item. If the dates apply to all of the line items, use the 1/DTM/150 segment.
2. Use this segment for delivery information when the quoted delivery can be specified as an actual date. If the quoted delivery schedule is expressed as a set time period after the occurrence of some event, use the 2/LDT/394 loop or the 2/LDT/ 550 loop if the delivery schedule is applicable to a named entity.
3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
			M	ID	3/3
>>	DTM01	374	Date/Time Qualifier		
			Code specifying type of date or time, or both date and time		
		017	Estimated Delivery		
		036	Expiration		
			Date coverage expires		
			Use this code to indicate the expiration date of a Federal Supply Schedule or contract. This relates to the information provided in the 2/REF/100 segment, specifically for codes CT, or W6, in REF01.		
		037	Ship Not Before		
		063	Do Not Deliver After		
			Use to indicate deliveries cannot be made after a specified date and/or time.		
		064	Do Not Deliver Before		
			Use to indicate deliveries cannot be made before a specified date and/or time.		
		065	1st Schedule Delivery		
		066	1st Schedule Ship		
		069	Promised for Delivery		
			Use to indicate the exact date when the offeror proposes to make delivery.		
		075	Promised for Delivery (Prior to and Including)		
			Use to indicate the date on or before which the offeror proposes to make delivery.		
		078	Promised for Delivery (Week of)		
			When this code is used, cite the beginning date of the week.		
		174	Month Ending		
			Use to indicate delivery is required on the last date of the specified month.		

193	Period Start	Use to indicate the performance period start date.
194	Period End	Use to indicate the performance period end date.
227	Lease Term Start	
228	Lease Term End	
276	Contract Start	The start date for a contract
		Use to indicate the commencement date of an Agreement or an IDC award instrument.
279	Contract Completion	The finish date for a contract
		Use to indicate the completion date of an Agreement or an IDC award instrument.
368	Submittal	Date an item was submitted to a customer
		When REF01 is code TN, use to indicate the date of a related transaction set.
375	Delivery Start	The date that deliveries will begin
		Use to indicate the start date for deliveries when the total quantity is to be delivered during a specified time period.
376	Delivery End	The date that deliveries will end
		Use to indicate the end date for deliveries when the total quantity is to be delivered during a specified time period.
800	Midpoint of Performance	Use to indicate the date when half the effort in terms of dollars or hours will be completed.
937	Department of Labor Wage Determination Date	Use to indicate the date of a Department of Labor Wage Determination.
992	Date Requested	Use to indicate the extension date requested for a quote submission for the line item identified in PO101. Not applicable to IFB. Cite code 04 in BQR01 of the subsequent quote.

DTM02	373	Date	X	DT	6/6
		Date (YYMMDD)			
DTM03	337	Time	X	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)			
		If applicable, use to indicate the time for a delivery.			
DTM04	623	Time Code	O	ID	2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow			
		CT			Central Time

ET	Eastern Time
GM	Greenwich Mean Time
LT	Local Time
MT	Mountain Time
PT	Pacific Time

DTM05 **624** **Century** **O** **N0** **2/2**

The first two characters in the designation of the year (CCYY)

DTM06 **1250** **Date Time Period Format Qualifier** **X** **ID** **2/3**

Code indicating the date format, time format, or date and time format

1. Use any code.

2. Use to qualify a date when it is necessary to express the date in other than YYMMDD format. Use also, to qualify a range of dates or times.

Refer to 003050 Data Element Dictionary for acceptable code values.

DTM07 **1251** **Date Time Period** **X** **AN** **1/35**

Expression of a date, a time, or range of dates, times or dates and times

Use to identify a time range for deliveries on a specified date, e.g., use code RTM in DTM06 to qualify a delivery range for March 30, 1995 between 1:00 PM and 4:00 PM local time. Use DTM01/02 to convey the March 30, 1995 date.

Segment: **TD5** Carrier Details (Routing Sequence/Transit Time)
Position: 250
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify the carrier and sequence of routing and provide transit time information
Syntax Notes:

- 1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.
- 2 If TD502 is present, then TD503 is required.
- 3 If TD507 is present, then TD508 is required.
- 4 If TD510 is present, then TD511 is required.

Semantic Notes:

Comments:

- 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Notes:

1. Use this 2/TD5/250 segment to identify the transportation method that is applicable to a specific line item. Use the 2/TD5/500 segment if the transportation method for the line item applies to a named entity.
2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref.	Data	Data	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
X	TD501	133 Routing Sequence Code	O ID 1/2
		Code describing the relationship of a carrier to a specific shipment movement Refer to 003050 Data Element Dictionary for acceptable code values.	
X	TD502	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67) Refer to 003050 Data Element Dictionary for acceptable code values.	
X	TD503	67 Identification Code	X AN 2/20
		Code identifying a party or other code	
	TD504	91 Transportation Method/Type Code	X ID 1/2
		Code specifying the method or type of transportation for the shipment 1. Use any code. 2. An application program conversion table may be required to convert agency codes to X12 codes. D Parcel Post Use to indicate the US Postal Service and not a private carrier. Refer to 003050 Data Element Dictionary for acceptable code values.	
X	TD505	387 Routing	X AN 1/35
		Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	
X	TD506	368 Shipment/Order Status Code	X ID 2/2
		Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction Refer to 003050 Data Element Dictionary for acceptable code values.	
X	TD507	309 Location Qualifier	O ID 1/2
		Code identifying type of location Refer to 003050 Data Element Dictionary for acceptable code values.	

X	TD508	310	Location Identifier Code which identifies a specific location	X	AN	1/30
X	TD509	731	Transit Direction Code The point of origin and point of direction Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	2/2
X	TD510	732	Transit Time Direction Qualifier Code specifying the value of time used to measure the transit time Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	2/2
X	TD511	733	Transit Time The numeric amount of transit time	X	R	1/4
	TD512	284	Service Level Code Code defining service Use any code. Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID	2/2

Segment: **TD4** Carrier Details (Special Handling, or Hazardous Materials, or Both)
Position: 270
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To specify transportation special handling requirements, or hazardous materials information, or both

Syntax Notes:
1 At least one of TD401 TD402 or TD404 is required.
2 If TD402 is present, then TD403 is required.

Semantic Notes:

Comments:

Notes:

1. Use this 2/TD4/270 segment to provide special handling or hazardous material information that applies to a specific line item. Use the 2/TD4/520 segment when the information applies to a named entity.
2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
TD401	152	Special Handling Code Code specifying special transportation handling instructions Any code may be used but the listed codes are preferred. AMM A.M. Delivery Requirement DA Dangerous EX Explosive Flammable Gas FG Flammable Gas FL Flammable FP Flammable Poison Gas HM Endorsed as Hazardous Material LT Less Than Full Carload LTT Less Than Truckload PG Poisonous Gas PMM P.M. Delivery Requirement Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/3
TD402	208	Hazardous Material Code Qualifier Code which qualifies the Hazardous Material Class Code (209) Use any code. Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 1/1
TD403	209	Hazardous Material Class Code Code specifying the kind of hazard for a material	X AN 2/4
TD404	352	Description A free-form description to clarify the related data elements and their content Use of free form text is discouraged if the information can be provided by some other means within the transaction set.	X AN 1/80

Segment: **MSG** Message Text
Position: 289
Loop: PO1
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: 1. Use this segment to provide, in plain text, information not associated with a lead time, clause or address.
 2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
>>	MSG01	933 Free-Form Message Text Free-form message text	M AN 1/264
X	MSG02	934 Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2

Segment: **SPI** Specification Identifier
Position: 291
Loop: PO1
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 this segment to identify those elements of the quote that have a government security classification or commercial protection level.

Data Element Summary

Ref.	Data Element	Name	Attributes
>>	SPI01	786 Security Level Code	M ID 2/2
		Code indicating the level of confidentiality assigned by the sender to the information following	
		Use to identify the level of government security classification or commercial protection level applicable to the items identified in SPI02/03. If the item has both a government security classification and a commercial protection level, cite the government security classification in this data element and cite the commercial protection level in SPI09.	
		06 Supplier Proprietary	
		11 Competition Sensitive	
		92 Government Confidential	
		93 Government Secret	
		94 Government Top Secret	
	SPI02	128 Reference Number Qualifier	X ID 2/2
		Code qualifying the Reference Number.	
		1. Use to identify items within the transaction set that are either government classified, e.g., drawing number, SOW, or those items that have a commercial protection level assigned by the offeror. Use SPI04 to further define the number or to describe the item cited in SPI03, if necessary.	
		2. Use any code.	
		91 Cost Element	
		Use to indicate cost or price data, e.g., unit price, labor rate, overhead rate, etc. When this code is used, cite the number to which the protection level applies in SPI03 and use SPI04 to define the number.	
		DD Document Identification	
		Use to indicate an Engineering Data List.	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
	SPI03	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.	
	SPI04	790 Entity Title	O AN 1/132
		Title of the data entity	
		Use only if necessary to further define the number in SPI03.	
X	SPI05	791 Entity Purpose	O AN 1/80
		The reason for the existence of the data item specified by the electronic data item independent of its presence in an EDI transaction	

X	SPI06	792	Entity Status Code	O ID 1/1
			Code indicating the current status of the data item specified by the electronic data item Refer to 003050 Data Element Dictionary for acceptable code values.	
X	SPI07	353	Transaction Set Purpose Code	O ID 2/2
			Code identifying purpose of transaction set Refer to 003050 Data Element Dictionary for acceptable code values.	
X	SPI08	755	Report Type Code	O ID 2/2
			Code indicating the title or contents of a document, report or supporting item Refer to 003050 Data Element Dictionary for acceptable code values.	
	SPI09	786	Security Level Code	O ID 2/2
			Code indicating the level of confidentiality assigned by the sender to the information following When SPI01 is code 92, 93, or 94, use to identify the commercial protection level assigned to the item identified in SPI03, if applicable.	
			06 Supplier Proprietary	
			11 Competition Sensitive	
X	SPI10	559	Agency Qualifier Code	O ID 2/2
			Code identifying the agency assigning the code values Refer to 003050 Data Element Dictionary for acceptable code values.	
X	SPI11	822	Source Subqualifier	O AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier	
X	SPI12	554	Assigned Number	O N0 1/6
			Number assigned for differentiation within a transaction set	
X	SPI13	1322	Certification Type Code	O ID 1/1
			Code indicating the type of certification Refer to 003050 Data Element Dictionary for acceptable code values.	
X	SPI14	1401	Proposal Data Detail Identifier Code	O ID 1/3
			Code identifying the basis of a cited value in a proposal Refer to 003050 Data Element Dictionary for acceptable code values.	

Segment: SCH Line Item Schedule
Position: 292
Loop: SCH
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the data for scheduling a specific line-item
Syntax Notes:

- 1 If SCH03 is present, then SCH04 is required.
- 2 If SCH08 is present, then at least one of SCH09 or SCH10 is required.
- 3 If SCH09 is present, then SCH08 is required.
- 4 If SCH10 is present, then SCH08 is required.

Semantic Notes:

- 1 SCH12 is the schedule identification.

Comments:

- 1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.

Notes:

1. Use this 2/SCH/292 segment to quote a partial delivery when it can be specified as an actual date and there is only one ship-to addressee. If there is more than one entity receiving a partial shipment, use the 2/SCH/490 segment.
2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref.	Data	Attributes		
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
>>	SCH01	380	Quantity	M R 1/15
			Numeric value of quantity	
>>	SCH02	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			<ol style="list-style-type: none"> 1. Use any code. 2. An application program conversion table may be required to convert agency codes to X12 codes. Refer to 003050 Data Element Dictionary for acceptable code values.	
X	SCH03	98	Entity Identifier Code	O ID 2/2
			Code identifying an organizational entity, a physical location, or an individual	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
X	SCH04	93	Name	X AN 1/35
			Free-form name	
>>	SCH05	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
		017	Estimated Delivery	
		037	Ship Not Before	
		063	Do Not Deliver After	
			Use to indicate deliveries cannot be made after a specified date and/or time.	
		064	Do Not Deliver Before	
			Use to indicate deliveries cannot be made before a specified date and/or time.	
		065	1st Schedule Delivery	
		066	1st Schedule Ship	
		069	Promised for Delivery	
			Use to indicate the exact date when the offeror proposes to make delivery.	
		075	Promised for Delivery (Prior to and Including)	
			Use to indicate the date on or before which the offeror	

			078	proposes to make delivery. Promised for Delivery (Week of)			
				When this code is used, cite the beginning date of the week.			
			174	Month Ending			
				Use to indicate delivery is required on the last date of the specified month.			
			358	Cycle Begin			
				Date on which the cycle begins			
				Use to indicate the beginning of a delivery cycle.			
			375	Delivery Start			
				The date that deliveries will begin			
				Use to indicate the start date for deliveries when the total quantity is to be delivered during a specified time period.			
>>	SCH06	373	Date		M	DT	6/6
				Date (YYMMDD)			
	SCH07	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)			
				If applicable, use to indicate the time for a delivery.			
	SCH08	374	Date/Time Qualifier		X	ID	3/3
				Code specifying type of date or time, or both date and time			
			017	Estimated Delivery			
			037	Ship Not Before			
			063	Do Not Deliver After			
				Use to indicate deliveries cannot be made after a specified date and/or time.			
			064	Do Not Deliver Before			
				Use to indicate deliveries cannot be made before a specified date and/or time.			
			069	Promised for Delivery			
				Use to indicate the exact date when the offeror proposes to make delivery.			
			075	Promised for Delivery (Prior to and Including)			
				Use to indicate the date on or before which the offeror proposes to make delivery.			
			078	Promised for Delivery (Week of)			
				When this code is used, cite the beginning date of the week.			
			174	Month Ending			
				Use to indicate delivery is required on the last date of the specified month.			
			359	Cycle End			
				Date on which the cycle ends			
				Use to indicate the end of a delivery cycle.			
			376	Delivery End			
				The date that deliveries will end			
				Use to indicate the end date for deliveries when the total quantity is to be delivered during a specified time period.			
	SCH09	373	Date		X	DT	6/6

			Date (YYMMDD)			
	SCH10	337	Time	X	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)			
			If applicable, use to indicate the time for a delivery.			
X	SCH11	326	Request Reference Number	O	AN	1/45
			Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)			
X	SCH12	350	Assigned Identification	O	AN	1/11
			Alphanumeric characters assigned for differentiation within a transaction set			

Segment: **PD Pricing Data**
Position: 392
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:**
1. Use this loop to provide labor categories, hours, rates, overhead rates, time periods and other cost information.
 2. The information contained in this loop is only applicable to the line item within the same PO1 loop.

Data Element Summary

Ref.	Data	Data Element Summary		Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
>>	PD01	344	Unit of Time Period or Interval Code indicating the time period or interval Use any code. Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 2/2
>>	PD02	373	Date Date (YYMMDD) Use to identify the commencement date of the time period specified in PD01, e.g., if PD01 is code CY, then 940101 would indicate the calendar year commencing January 1, 1994.	M DT 6/6
>>	PD03	C001	Composite Unit of Measure To identify a composite unit of measure(See Figures Appendix for examples of use.)	M
>>	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 Any code may be used but the following codes are preferred. A8 Dollars per Hours DO Dollars, U.S. HR Hours M4 Monetary Value Use to indicate the monetary unit specified in CUR05 if the quote is in other than US dollars. P1 Percent Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 2/2
X	C00102	1018	Exponent Power to which a unit is raised	O R 1/15
X	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
X	C00104	355	Unit or Basis for Measurement Code	O ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Refer to 003050 Data Element Dictionary for acceptable code values.

X	C00105	1018	Exponent Power to which a unit is raised	O	R	1/15
X	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R	1/10
X	C00107	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 Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	2/2
X	C00108	1018	Exponent Power to which a unit is raised	O	R	1/15
X	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R	1/10
X	C00110	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 Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	2/2
X	C00111	1018	Exponent Power to which a unit is raised	O	R	1/15
X	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R	1/10
X	C00113	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 Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	2/2
X	C00114	1018	Exponent Power to which a unit is raised	O	R	1/15
X	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R	1/10
>>	PD04	380	Quantity Numeric value of quantity Use to identify the length of the period of time specified in PD01. For example: If the proposing party wanted to indicate the hourly rate for a specific labor category for a two year period, the PD01 would carry code CY for calendar year, PD02 would carry the beginning year, e.g. 940101, PD03-1 would carry code A8 for dollars per hour, and PD04 would carry the number 2.	M	R	1/15
>>	PD05	93	Name Free-form name Use to provide an abbreviated name for the labor category or other category to which the data being provided pertains.	M	AN	1/35
	PD06	352	Description A free-form description to clarify the related data elements and their content Use to identify the full description of the abbreviated name provided in PD05.	O	AN	1/80
	PD07	1196	Breakdown Structure Detail Code Codes identifying details relating to a reporting breakdown structure tree 26 Recurring Costs that will incur continually over the life of the contract 27 Nonrecurring Costs that will only be incurred once	O	ID	2/2
X	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.	
X	PD09	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	
	PD10	1401	Proposal Data Detail Identifier Code	O ID 1/3
			Code identifying the basis of a cited value in a proposal	
			1. Use to qualify the data being provided.	
			2. Use any code.	
			Refer to 003050 Data Element Dictionary for acceptable code values.	

Segment: **PDD Pricing Data Detail**

Position: 393

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. Use this segment to provide the actual data related to the item or category identified in the preceding PD segment.
2. Each occurrence of this segment may contain an entry in PDD02, or PDD03 or PDD04 but not in more than 1.
3. The number of occurrences of this PDD segment within each PD loop must equal the number cited in PD04 for each iteration of the PD loop.

Data Element Summary

Ref.	Data	Name	Attributes			
Des.	Element					
>>	PDD01	350	Assigned Identification	M	AN	1/11
			Alphanumeric characters assigned for differentiation within a transaction set A unique and progressive sequence number (starting with the number "1") assigned by the offeror.			
	PDD02	380	Quantity	X	R	1/15
			Numeric value of quantity Only use when PD03 is code HR.			
	PDD03	782	Monetary Amount	X	R	1/15
			Monetary amount 1. Only use when PD03 is code A8 or DO.			
	PDD04	954	Percent	X	R	1/10
			Percentage expressed as a decimal 1. Only use when PD03 is code P1. 2. Percents will be cited as a 4 position number with a decimal between positions 2 and 3.			
	PDD05	1401	Proposal Data Detail Identifier Code	O	ID	1/3
			Code identifying the basis of a cited value in a proposal Use any code. Refer to 003050 Data Element Dictionary for acceptable code values.			

Segment: **LDT** Lead Time
Position: 394
Loop: LDT
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify lead time for availability of products and services
Syntax Notes:
Semantic Notes: 1 LDT04 is the effective date of lead time information.
Comments: 1 LDT02 is the quantity of unit of time periods.
Notes:

1. Use this 2/LDT/394 loop when the quote delivery schedule is a set time period after the occurrence of some event and varies by line item. If the quote delivery schedule is applicable to a named entity, use the 2/LDT/550 loop. If this segment is used, the 2/DTM/200 segment is not used.

2. The following are examples of how the LDT loop can be used to specify a delivery schedule:

Example 1: Deliver 50 each 180 days after the date of the order.

```
LDT*AY*180*DA n/l
QTY*1J*50*EA n/l
```

Example 2: Deliver the total quantity of 500 each as follows: 50 per month commencing 180 days after the date of the order.

```
LDT*AY*180*DA n/l
QTY*1J*50*MO n/l
```

Example 3: Deliver the total quantity of 20,500 each as follows: 2500 each per quarter commencing 90 days after the date of the order until half the order is completed, then 1000 per month until the total order is complete.

```
LDT*AY*90*DA n/l
QTY*1J*2500*Q1 n/l
QTY*1K*4*Q1 n/l
LDT*AM*1*MO n/l
QTY*1J*1000*MO n/l
QTY*1K*10*MO n/l
LDT*AK*1*MO n/l
QTY*1J*500*EA n/l
```

3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref.	Data	Attributes	
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>M ID 2/2</u>
>>	LDT01	345	Lead Time Code
			Code indicating the time range
		AA	From date of PO receipt to sample ready.
		AD	From date of sample approval to first product shipment.
		AE	From date of PO receipt to shipment.
		AF	From date of PO receipt to delivery.
		AH	From Date of Receipt of First Article to First Article Approval

			AI	From Date of a Specified Event to Delivery			
				When this code is used, identify the specified event in the following MSG segment.			
			AJ	From Date of First Delivery to Date of Subsequent Delivery(ies)			
			AK	From Date Of Latest Delivery To Final Delivery			
			AM	From Date Of Previous Delivery To Date Of Subsequent Delivery			
			AP	From Date of Award to Midpoint of Effort			
			AV	From Date of Award to Date of Latest Delivery			
			AW	From Date of Award to Date of Earliest Delivery			
			AX	From Date of Award to Date of Completion			
			AY	From Date of Award to Date of Delivery			
			AZ	From Date of Receipt of Item to Date of Approval of Item			
>>	LDT02	380	Quantity		M	R	1/15
				Numeric value of quantity			
>>	LDT03	344	Unit of Time Period or Interval		M	ID	2/2
				Code indicating the time period or interval			
			CY	Calendar Year			
			DA	Calendar Days			
			KK	Maximum Calendar Days			
				Use to indicate a flexible time period, e.g., X number of days or less.			
			MO	Month			
			QY	Quarter of a Year			
			SA	Semiannual			
			WK	Weeks			
	LDT04	373	Date		O	DT	6/6
				Date (YYMMDD)			
				Use, as applicable, to cite the effective date of a lead time. For example, the start date of the cited activity.			

Segment: QTY Quantity
Position: 395
Loop: LDT
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify quantity information
Syntax Notes:
Semantic Notes:
Comments:
Notes:

1. Use this segment to specify the quantity that is to be delivered in accordance with the quote delivery schedule. The deliverable quantity can be expressed as a discrete quantity or a quantity per time period, e.g., 1000 per month. To indicate a delivery rate per time period, cite in QTY02 the quantity to be delivered and cite in QTY03 the time period, e.g., days, weeks, months, quarters, years.
2. Use also to indicate the length of a delivery period, e.g., 4 quarters or the number of shipments.
3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref.	Data Element	Name	Attributes
>> QTY01	673	Quantity Qualifier Code specifying the type of quantity	M ID 2/2
		1J Due The amount due to the customer Use to indicate the quantity to be delivered.	
		1K Time Units The number of time units such as 8 (hours) Use to indicate the length of the delivery period.	
		SA Shipments Use to indicate the number of shipments proposed to complete the deliverable quantity.	
>> QTY02	380	Quantity Numeric value of quantity	M R 1/15
		1. When QTY01 is code 1J, cite the quantity to be delivered. 2. When QTY01 is code 1K, cite the length of the delivery period in this data element, e.g., 4 and in QTY03 identify the time measurement of the delivery period, e.g., months.	
QTY03	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	O ID 2/2
		1. Use any code. 2. An application program conversion table may be required to convert agency codes to X12 codes. DA Days When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period. MO Months	

When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

Q1 Quarter (Time)

When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

WK Week

When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

YR Years

When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: **MSG** Message Text
Position: 396
Loop: LDT
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:

1. When LDT01 is code AI, use to identify the specified event.
2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

	Ref.	Data	Name	Attributes
	Des.	Element		
>>	MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264
X	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2

Segment: **LM** Code Source Information
Position: 397
Loop: LM
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit standard code list identification information
Syntax Notes:
Semantic Notes:
Comments: 1 LM02 identifies the applicable industry code list source information.
Notes:

1. Use this 2/LM/397 loop to provide the codes from DoD 5010.12-M that identify the frequency of delivery for a CDRL data item.
2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	LM01	559 Agency Qualifier Code Code identifying the agency assigning the code values DF Department of Defense (DoD)	M ID 2/2
	LM02	822 Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

Segment: **LQ** Industry Code
Position: 398
Loop: LM
Level: Detail
Usage: Mandatory
Max Use: >1
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:
Notes: Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
LQ01	1270	Code List Qualifier Code	O ID 1/3
		Code identifying a specific industry code list	
		FX Frequency	
		Use to indicate the frequency code for a data item deliverable on a Contract Data Requirements List (DD Form 1423).	
LQ02	1271	Industry Code	X AN 1/20
		Code indicating a code from a specific industry code list	

Segment: N9 Reference Number
Position: 400
Loop: N9
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit identifying numbers and descriptive information as specified by the reference number qualifier

Syntax Notes:
 1 At least one of N902 or N903 is required.
 2 If N906 is present, then N905 is required.

Semantic Notes:
 1 N906 reflects the time zone which the time reflects.

Comments:

Notes:

1. Use this 2/N9/400 loop to provide required information that is applicable to a specific line item. When the information is applicable to the entire quote, use the 1/N9/290 loop.
2. Use this loop to provide certifications, representations or fill-in information applicable to a specific line item as required in the Solicitation (RRA segment) 840 transaction set or to specify exceptions being taken to some item in the solicitation that cannot be provided elsewhere in the transaction set.
3. When citing a clause in N902, the date of the clause MUST be cited in N904 and the title of the clause may be optionally cited in the following MSG segment.
4. When an Alternate section is applicable to a cited clause, the alpha/numeric alternate identifier and date MUST be cited in the following MSG segment.
5. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
			M	ID	2/2
>> N901	128	Reference Number Qualifier			
		Code qualifying the Reference Number.			
		BB			
		Authorization Number			
		Proves that permission was obtained to provide a service			
		Use to indicate the Code of Federal Regulations.			
		CJ			
		Clause Number			
		Use to indicate a purchasing activity clause (i.e., a clause not found in FAR/DFARS/FIRMR, etc.).			
		Identify the purchasing activity issuing the clause in N903.			
		DF			
		Defense Federal Acquisition Regulations (DFAR)			
		DX			
		Department/Agency Number			
		Use to indicate an Agency Clause and identify the agency in N903.			
		EC			
		Circular			
		Use to indicate an Office of Management and Budget (OMB) Circular number.			
		FA			
		Federal Acquisition Regulations (FAR)			
		H4			
		Federal Information Resources Management Regulation			
		KR			
		Response to a Request for Quotation Reference			
		A discrete number assigned for identification purpose to a response to a request for quotation			

		Use to indicate fill-in information required by the number cited in N902 is being provided in the following MSG segment.
KT		Request for Quotation Reference A discrete number assigned for identification purposes to a request for quotation When BQR06 is code BW, use to indicate exceptions are being taken to items in the solicitation and are specified in the following MSG segment. Insert the word "Exception" in N903 when this code is used.
KW		Certification A number, taken from an acquisition regulation, which represents a specific certification that must be made by a prospective vendor before a contract or order can be placed with that vendor Use to indicate a certification required by the number cited in N902 is being provided in the following MSG segment.
KX		Representation A number, taken from an acquisition regulation, which represents a specific representation that must be made by a prospective vendor before a contract or order can be placed with that vendor Use to indicate a representation required by the number cited in N902 is being provided in the following MSG segment.
KY		Site Specific Procedures, Terms, and Conditions A set of procedures, terms, and conditions, applicable to a category of procurement emanating from a specific location, which will be incorporated into all procurement actions in that category by referencing its unique number rather than by incorporating the lengthy details it represents
KZ		Master Solicitation Procedures, Terms, and Conditions A set of standard procedures, terms, and conditions, applicable to a category of procurement, which will be incorporated into all procurement actions in that category by referencing its unique number rather than by incorporating the lengthy details it represents Use to indicate the Master Solicitation number that contains terms and conditions that pertain to the solicitation.
L1		Letters or Notes Use to indicate general information, comments, or notes are being provided by the bidder in the following MSG segment. Insert the word "Note" in N903 when this code is used.
ZZ		Mutually Defined Use to indicate that amounts applicable to incentive or cost sharing contracts are being provided in the MSG segment. When used, insert the word "Amounts" in N903.

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			

1. When N901 is code KT, cite the word "Exception"; when N901 is code L1, cite the word "Note"; when N901 is code ZZ, insert the word "Amounts"; when N901 is code CJ or DX, identify the Agency or purchasing activity issuing the clause cited in N902.

2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

	N904	373	Date	O DT 6/6
			Date (YYMMDD)	
			Use to identify the date of the clause cited in N902. The DD portion of the date will always be 01.	
X	N905	337	Time	X 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)	
X	N906	623	Time Code	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
			Refer to 003050 Data Element Dictionary for acceptable code values.	

Segment: **MSG** Message Text
Position: 410
Loop: N9
Level: Detail
Usage: Optional
Max Use: 1000
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 this segment when N901 is code KR, KW, or KX to provide a certification, representation or fill-in information required by the clause or paragraph number cited in N902; when N901 is code L1 to provide general comments or notes; when N901 is code KT to identify exceptions being taken to some portion of the solicitation; or when N901 is code ZZ, to identify amounts applicable to incentive or cost sharing contracts.
2. When providing a certification, representation or fill-in information, the clause title, if cited, and the alternate identifier and date, if applicable, will be the first data provided. This data will be followed by a numeric designation of the number of data items being provided. Each data item will be preceded by the paragraph or section identifier in the clause where the certification, representation or fill-in information is to be inserted (if identifiers are included in the clause). If there is no paragraph or section designator, the required information will immediately follow the numeric designation of the data items being provided. If the information to be provided is to be selected from provided responses within the clause, cite the information that is selected.
3. A pipe sign (|) will be inserted after each data item. As an example, the information required by FAR 52.204-3 would be provided as follows:

Taxpayer Identification| 3| (c) TIN has been applied for| (d) Other corporate entity| (e) Offeror is not owned or controlled by a common parent as defined in paragraph (a) of this clause|

Information required by DFARS 252.211-7012 would be provided as follows:

Certifications--Commercial Items--Competitive Acquisitions| 2|(c)(1) Items offered are commercial items as defined in (b)(1)(iv)| (c2)(ii) Will be produced using government production and research property identified below| Milling Machine| N0001992C1234| Naval Air Systems Command|

In the second example, the name of the offeror and the solicitation number (required by the clause) are provided elsewhere within the transaction set therefore are not repeated in the certification.
4. Use this segment to provide information essential to the quote.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264
X	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2

Segment: **N1** Name
Position: 420
Loop: N1
Level: Detail
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. Use this 2/N1/420 loop to provide address information related to a specific line item. Use the 1/N1/310 loop to provide address information that is applicable to all of the line items.
2. Whenever possible, identification and address information should be provided using N101, N103, and N104. Use N102 and segment N2 through N4 as applicable when address information cannot be provided using one of the codes listed in N103.
3. Use this segment to provide information essential to the quote.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
>> N101	98	Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	
		31 Postal Mailing Address	
		61 Performed At	
		The facility where work was performed	
		Use to indicate the proposed place of performance when it is other than the offeror's mailing address.	
		AE Additional Delivery Address	
		Use to indicate a ship in-place location.	
		IC Intermediate Consignee	
		When FOB02 is code IT, use to indicate a freight forwarder.	
		IS Party to Receive Certified Inspection Report	
		KF Audit Office	
		The office performing the audit	
		KG Project Manager	
		The address of the person responsible for the management of a designated project	
		Use to indicate the party responsible for a project to include the advisor under a Grant.	
		KH Organization Having Source Control	
		Organization controlling the design and manufacturing process of a product	
		When BQR06 is code AB, use to identify the organization having source control of the product offered.	
		KX Free on Board Point	
		When FOB02 is code ZZ, use to indicate an FOB point	

					other than at origin or destination.
		KY			Technical Office
		KZ			Acceptance Location
					Use to indicate the acceptance location is proposed at other than origin or destination.
		L1			Inspection Location
					Place where the item was viewed or inspected
		MF			Manufacturer of Goods
					Use either to identify the actual manufacturer of the item if not the offeror or if a qualification requirement applied to the solicited item to specify the manufacturer that has already met the qualification requirement.
		PW			Pick Up Address
		ST			Ship To
					Use this code when a different delivery schedule associated with a named entity is being proposed. If the ship-to address is an FPO or APO, cite the FPO or APO zip code in N104 and cite code AR in N405.
		SV			Service Performance Site
					When services are contracted for, this describes the organization for whom or location address at which those services will be performed
					Use to indicate the location where a service will be performed, e.g., grass cutting.
		X2			Party to Perform Packaging
					A party responsible for packaging an item after it has been produced
N102	93	Name	X	AN	1/35
		Free-form name			
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 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)
					Use to indicate a commercial entity. If the commercial entity does not have a CAGE code, use code ZC.
		A2			Military Assistance Program Address Code (MAPAC)
					Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity
N104	67	Identification Code	X	AN	2/20
		Code identifying a party or other code			
X	N105	706	O	ID	2/2
		Entity Relationship Code			
		Code describing entity relationship			
		Refer to 003050 Data Element Dictionary for acceptable code values.			

X

N106

98

Entity Identifier Code

O ID 2/2

Code identifying an organizational entity, a physical location, or an individual
Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: N2 Additional Name Information
Position: 430
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 is not necessary when the entity cited in N101 is described by a code in N103/N104.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
>>	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: 440
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 is not necessary when the entity cited in N101 is described by a code in N103/N104.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	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: 450
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 is not necessary when the entity cited in N101 is described by a code in N103/N104.

Data Element Summary

<u>Ref.</u>	<u>Data</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
N405	309	Location Qualifier Code identifying type of location AR Armed Services Location Designation Use to indicate an Army Post Office (APO) or Fleet Post Office (FPO).	X ID 1/2
N406	310	Location Identifier Code which identifies a specific location	O AN 1/30

Segment: **PER Administrative Communications Contact**
Position: 470
Loop: N1
Level: Detail
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed

- Syntax Notes:**
- 1 If either PER03 or PER04 is present, then the other is required.
 - 2 If either PER05 or PER06 is present, then the other is required.
 - 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:

Comments:

Notes: Use this segment to identify points of contact within the manufacturing entity who has design control or who is manufacturing an equal or substitute line item.

Data Element Summary

Ref.	Data Element	Name	Attributes
>> PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named IC Information Contact ME Manufacturing PP Program Manager SU Supplier Contact Use this code for the manufacturing point of contact. Use this code for the contact point for a supplier who has design control over a manufactured item.	M ID 2/2
PER02	93	Name Free-form name Cite last name first, followed by first name. If the whole name is longer than 35 characters, truncate or use initials for the first name. If necessary, use PER09 to cite the party's title.	O AN 1/35
PER03	365	Communication Number Qualifier Code identifying the type of communication number AU Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON) EM Electronic Mail FX Facsimile IT International Telephone TE Telephone Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.	X ID 2/2
PER04	364	Communication Number Complete communications number including country or area code when applicable	X AN 1/80
PER05	365	Communication Number Qualifier Code identifying the type of communication number Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a telephone number, PER05/06 could cite a FAX number.	X ID 2/2

		AU	Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)		
		EM	Electronic Mail		
		EX	Telephone Extension		
					Use only if PER03 is used citing either code AU or TE.
		FX	Facsimile		
		IT	International Telephone		
		TE	Telephone		
					Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.
PER06	364	Communication Number		X AN	1/80
			Complete communications number including country or area code when applicable		
PER07	365	Communication Number Qualifier		X ID	2/2
			Code identifying the type of communication number		
					Use to identify a third communications number for the party cited in PER02.
		AU	Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)		
		EM	Electronic Mail		
		EX	Telephone Extension		
					Use only if PER05 is used citing either code AU or TE.
		FX	Facsimile		
		IT	International Telephone		
		TE	Telephone		
					Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.
PER08	364	Communication Number		X AN	1/80
			Complete communications number including country or area code when applicable		
PER09	443	Contact Inquiry Reference		O AN	1/20
			Additional reference number or description to clarify a contact number		
					Use, if necessary, to provide the title of the individual cited in PER02.

Segment: **SCH** Line Item Schedule
Position: 485
Loop: N1
Level: Detail
Usage: Optional
Max Use: 200
Purpose: To specify the data for scheduling a specific line-item
Syntax Notes:

- 1 If SCH03 is present, then SCH04 is required.
- 2 If SCH08 is present, then at least one of SCH09 or SCH10 is required.
- 3 If SCH09 is present, then SCH08 is required.
- 4 If SCH10 is present, then SCH08 is required.

Semantic Notes:

- 1 SCH12 is the schedule identification.

Comments:

- 1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.

Notes:

1. Use this segment to identify a partial delivery when it can be specified as an actual date and is applicable to a named entity.
2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref.	Data Element	Name	Attributes																
>>	SCH01	380 Quantity Numeric value of quantity	M R 1/15																
>>	SCH02	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 <ol style="list-style-type: none"> 1. Use any code. 2. An application program conversion table may be required to convert agency codes to X12 codes. Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 2/2																
X	SCH03	98 Entity Identifier Code Code identifying an organizational entity, a physical location, or an individual Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2																
X	SCH04	93 Name Free-form name	X AN 1/35																
>>	SCH05	374 Date/Time Qualifier Code specifying type of date or time, or both date and time <table border="0" style="width: 100%;"> <tr><td>017</td><td>Estimated Delivery</td></tr> <tr><td>037</td><td>Ship Not Before</td></tr> <tr><td>063</td><td>Do Not Deliver After Use to indicate deliveries cannot be made after a specified date and/or time.</td></tr> <tr><td>064</td><td>Do Not Deliver Before Use to indicate deliveries cannot be made before a specified date and/or time.</td></tr> <tr><td>065</td><td>1st Schedule Delivery</td></tr> <tr><td>066</td><td>1st Schedule Ship</td></tr> <tr><td>069</td><td>Promised for Delivery Use to indicate the exact date when the offeror proposes to make delivery.</td></tr> <tr><td>075</td><td>Promised for Delivery (Prior to and Including) Use to indicate the date on or before which the offeror proposes to make delivery.</td></tr> </table>	017	Estimated Delivery	037	Ship Not Before	063	Do Not Deliver After Use to indicate deliveries cannot be made after a specified date and/or time.	064	Do Not Deliver Before Use to indicate deliveries cannot be made before a specified date and/or time.	065	1st Schedule Delivery	066	1st Schedule Ship	069	Promised for Delivery Use to indicate the exact date when the offeror proposes to make delivery.	075	Promised for Delivery (Prior to and Including) Use to indicate the date on or before which the offeror proposes to make delivery.	M ID 3/3
017	Estimated Delivery																		
037	Ship Not Before																		
063	Do Not Deliver After Use to indicate deliveries cannot be made after a specified date and/or time.																		
064	Do Not Deliver Before Use to indicate deliveries cannot be made before a specified date and/or time.																		
065	1st Schedule Delivery																		
066	1st Schedule Ship																		
069	Promised for Delivery Use to indicate the exact date when the offeror proposes to make delivery.																		
075	Promised for Delivery (Prior to and Including) Use to indicate the date on or before which the offeror proposes to make delivery.																		

	SCH10	337	Time	X	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)			
			If applicable, use to indicate the time for a delivery.			
X	SCH11	326	Request Reference Number	O	AN	1/45
			Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)			
X	SCH12	350	Assigned Identification	O	AN	1/11
			Alphanumeric characters assigned for differentiation within a transaction set			

Segment: **TD5** Carrier Details (Routing Sequence/Transit Time)
Position: 500
Loop: N1
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify the carrier and sequence of routing and provide transit time information
Syntax Notes:

- 1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.
- 2 If TD502 is present, then TD503 is required.
- 3 If TD507 is present, then TD508 is required.
- 4 If TD510 is present, then TD511 is required.

Semantic Notes:

Comments:

- 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Notes:

1. Use this 2/TD5/500 segment when the transportation method is applicable to a named entity for a specific line item.
2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
X	TD501	133	Routing Sequence Code	O ID 1/2
			Code describing the relationship of a carrier to a specific shipment movement Refer to 003050 Data Element Dictionary for acceptable code values.	
X	TD502	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67) Refer to 003050 Data Element Dictionary for acceptable code values.	
X	TD503	67	Identification Code	X AN 2/20
			Code identifying a party or other code	
	TD504	91	Transportation Method/Type Code	X ID 1/2
			Code specifying the method or type of transportation for the shipment	
			<ol style="list-style-type: none"> 1. Use any code. 2. An application program conversion table may be required to convert agency codes to X12 codes. 	
			D Parcel Post Use to indicate the US Postal Service and not a private carrier. Refer to 003050 Data Element Dictionary for acceptable code values.	
X	TD505	387	Routing	X AN 1/35
			Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	
X	TD506	368	Shipment/Order Status Code	X ID 2/2
			Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction Refer to 003050 Data Element Dictionary for acceptable code values.	
X	TD507	309	Location Qualifier	O ID 1/2
			Code identifying type of location Refer to 003050 Data Element Dictionary for acceptable code values.	
X	TD508	310	Location Identifier	X AN 1/30

			Code which identifies a specific location			
X	TD509	731	Transit Direction Code	O	ID	2/2
			The point of origin and point of direction			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	TD510	732	Transit Time Direction Qualifier	O	ID	2/2
			Code specifying the value of time used to measure the transit time			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
X	TD511	733	Transit Time	X	R	1/4
			The numeric amount of transit time			
	TD512	284	Service Level Code	X	ID	2/2
			Code defining service			
			Use any code.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			

Segment: **TD4** Carrier Details (Special Handling, or Hazardous Materials, or Both)
Position: 520
Loop: N1
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To specify transportation special handling requirements, or hazardous materials information, or both

Syntax Notes:
1 At least one of TD401 TD402 or TD404 is required.
2 If TD402 is present, then TD403 is required.

Semantic Notes:

Comments:

Notes:

1. Use this 2/TD4/520 segment when special handling or hazardous material information is applicable to a named entity for a specific line item.
2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
TD401	152	Special Handling Code	X ID 2/3
		Code specifying special transportation handling instructions	
		Any code may be used but the listed codes are preferred.	
		AMM A.M. Delivery Requirement	
		DA Dangerous	
		EX Explosive Flammable Gas	
		FG Flammable Gas	
		FL Flammable	
		FP Flammable Poison Gas	
		HM Endorsed as Hazardous Material	
		LT Less Than Full Carload	
		LTT Less Than Truckload	
		PG Poisonous Gas	
		PMM P.M. Delivery Requirement	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
TD402	208	Hazardous Material Code Qualifier	X ID 1/1
		Code which qualifies the Hazardous Material Class Code (209)	
		Use any code.	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
TD403	209	Hazardous Material Class Code	X AN 2/4
		Code specifying the kind of hazard for a material	
TD404	352	Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
		Use of free form text is discouraged if the information can be provided by some other means within the transaction set.	

Segment:	PKG Marking, Packaging, Loading
Position:	530
Loop:	N1
Level:	Detail
Usage:	Optional
Max Use:	25
Purpose:	To describe marking, packaging, loading, and unbading requirements
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of PKG04 PKG05 or PKG06 is required. 2 If PKG04 is present, then PKG03 is required. 3 If PKG05 is present, then PKG01 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 PKG04 should be used for industry-specific packaging description codes.
Comments:	<ol style="list-style-type: none"> 1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc. 2 If PKG01 = ``F", then PKG05 is used. If PKG01 = ``S", then PKG04 is used. If PKG01 = ``X", then both PKG04 and PKG05 are used. 3 Use PKG03 to indicate the organization that publishes the code list being referred to. 4 Special marking or tagging data can be given in PKG05 (description).
Notes:	<ol style="list-style-type: none"> 1. Use this 2/PKG/530 segment to identify packaging requirements applicable to a named entity for a specific line item. 2. Packaging information such as the number of items in a unit container, the number of unit containers in an intermediate container, and the gross weight, cube, and dimensions of a unit container or an intermediate container is carried in the 2/PO4/090 segment. 3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>																
<u>Des.</u>	<u>Element</u> <u>Name</u>	<u>X</u> <u>ID</u> <u>1/1</u>																
PKG01	349 Item Description Type Code indicating the format of a description Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 1/1																
PKG02	753 Packaging Characteristic Code Code specifying the marking, packaging, loading and related characteristics being described Use the listed codes to identify applicable packaging requirements.	O ID 1/5																
	<table border="0" style="width: 100%;"> <tr><td>CD</td><td>Cleaning or Drying Procedure</td></tr> <tr><td>CT</td><td>Cushioning Thickness</td></tr> <tr><td>CUD</td><td>Cushioning and Dunnage</td></tr> <tr><td>HM</td><td>Hazardous Material</td></tr> <tr><td>IC</td><td>Intermediate Container</td></tr> <tr><td>LP</td><td>Level Of Preservation</td></tr> <tr><td>OPI</td><td>Optional Procedure Indicator</td></tr> <tr><td>PK</td><td>Packing</td></tr> </table>	CD	Cleaning or Drying Procedure	CT	Cushioning Thickness	CUD	Cushioning and Dunnage	HM	Hazardous Material	IC	Intermediate Container	LP	Level Of Preservation	OPI	Optional Procedure Indicator	PK	Packing	
CD	Cleaning or Drying Procedure																	
CT	Cushioning Thickness																	
CUD	Cushioning and Dunnage																	
HM	Hazardous Material																	
IC	Intermediate Container																	
LP	Level Of Preservation																	
OPI	Optional Procedure Indicator																	
PK	Packing																	
	When the packing code associated with this Packaging Characteristic Code is a three position code; the first position signifies Level A packing for overseas shipments via surface; the second position signifies Level B packing for overseas shipments via freight forwarder, APO/FPO, or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per ASTM D3951 is being proposed, cite MIL-STD 2073-2C code X in																	

			PM	Preservation Method			
			PML	Preservation Material			
			SMK	Special Marking			
			UC	Unit Container			
			UCL	Unit Container Level			
			WM	Wrapping Material			
	PKG03	559	Agency Qualifier Code		X	ID	2/2
			Code identifying the agency assigning the code values				
			DF	Department of Defense (DoD)			
			GS	General Services Administration (GSA)			
				Responsible for Federal Specification			
			ZZ	Mutually Defined			
				Use to indicate a federal activity other than DoD or GSA. Data maintenance has been submitted to ASC X12 requesting a code for Federal Government. If approved, we expect the code will be available for use in ASC X12 Version/Release 3060.			
	PKG04	754	Packaging Description Code		X	AN	1/7
			A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product				
			The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in ASC X12 Code Source List 197 (which is MIL-STD-2073-2C).				
	PKG05	352	Description		X	AN	1/80
			A free-form description to clarify the related data elements and their content				
			1. When PKG04 carries a code indicating that the item will be packed differently than required in the solicitation, use to provide an explanation.				
			2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.				
X	PKG06	400	Unit Load Option Code		X	ID	2/2
			Code identifying loading or unloading a shipment				
			Refer to 003050 Data Element Dictionary for acceptable code values.				

Segment: **LDT** Lead Time
Position: 550
Loop: LDT
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify lead time for availability of products and services
Syntax Notes:
Semantic Notes: 1 LDT04 is the effective date of lead time information.
Comments: 1 LDT02 is the quantity of unit of time periods.
Notes:

1. Use this 2/LDT/550 loop if the quote delivery schedule is expressed as a set time period after the occurrence of some event and the ship-to address differs by line item. If the delivery schedule is the same for all ship-to addressees for the line item, use the 2/LDT/394 loop.

2. The following are examples of how the LDT loop can be used to specify a delivery schedule:

Example 1: Deliver 50 each 180 days after the date of the order.

```
LDT*AY*180*DA n/l
QTY*1J*50*EA n/l
```

Example 2: Deliver the total quantity of 500 each as follows: 50 per month commencing 180 days after the date of the order.

```
LDT*AY*180*DA n/l
QTY*1J*50*MO n/l
```

Example 3: Deliver the total quantity of 20,500 each as follows: 2500 each per quarter commencing 90 days after the date of the order until half the order is completed, then 1000 per month until the total order is complete.

```
LDT*AY*90*DA n/l
QTY*1J*2500*Q1 n/l
QTY*1K*4*Q1 n/l
LDT*AM*1*MO n/l
QTY*1J*1000*MO n/l
QTY*1K*10*MO n/l
LDT*AK*1*MO n/l
QTY*1J*500*EA n/l
```

3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref.	Data	Name	Attributes
>>	<u>Des.</u>	<u>Element</u>	<u>M</u> <u>ID</u> <u>2/2</u>
	LDT01	345 Lead Time Code	
		Code indicating the time range	
		AA	From date of PO receipt to sample ready.
		AD	From date of sample approval to first product shipment.
		AE	From date of PO receipt to shipment.
		AF	From date of PO receipt to delivery.
		AH	From Date of Receipt of First Article to First Article Approval

			AI	From Date of a Specified Event to Delivery			
				When this code is used, identify the specified event in the following MSG segment.			
			AJ	From Date of First Delivery to Date of Subsequent Delivery(ies)			
			AK	From Date Of Latest Delivery To Final Delivery			
			AM	From Date Of Previous Delivery To Date Of Subsequent Delivery			
			AP	From Date of Award to Midpoint of Effort			
			AV	From Date of Award to Date of Latest Delivery			
			AW	From Date of Award to Date of Earliest Delivery			
			AX	From Date of Award to Date of Completion			
			AY	From Date of Award to Date of Delivery			
			AZ	From Date of Receipt of Item to Date of Approval of Item			
>>	LDT02	380	Quantity		M	R	1/15
				Numeric value of quantity			
>>	LDT03	344	Unit of Time Period or Interval		M	ID	2/2
				Code indicating the time period or interval			
			CY	Calendar Year			
			DA	Calendar Days			
			KK	Maximum Calendar Days			
				Use to indicate a flexible time period, e.g., X number of days or less.			
			MO	Month			
			QY	Quarter of a Year			
			SA	Semiannual			
			WK	Weeks			
	LDT04	373	Date		O	DT	6/6
				Date (YYMMDD)			
				Use, as applicable, to cite the effective date of a lead time. For example, the start date of the cited activity.			

Segment:	MAN Marks and Numbers
Position:	560
Loop:	LDT
Level:	Detail
Usage:	Optional
Max Use:	10
Purpose:	To indicate identifying marks and numbers for shipping containers
Syntax Notes:	<ol style="list-style-type: none"> 1 If either MAN04 or MAN05 is present, then the other is required. 2 If MAN06 is present, then MAN05 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container. 2 When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range. 3 When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.
Comments:	<ol style="list-style-type: none"> 1 When MAN01 contains code UC (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06. 2 MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.
Notes:	<ol style="list-style-type: none"> 1. Use this segment to specify marks and numbers associated with a ship-to addressee. 2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	MAN01	88 Marks and Numbers Qualifier Code specifying the application or source of Marks and Numbers (87) L Line Item Only	M ID 1/2
>>	MAN02	87 Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	M AN 1/45
	MAN03	87 Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	O AN 1/45
	MAN04	88 Marks and Numbers Qualifier Code specifying the application or source of Marks and Numbers (87) L Line Item Only	X ID 1/2
	MAN05	87 Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	X AN 1/45
	MAN06	87 Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	O AN 1/45

Segment: QTY Quantity
Position: 570
Loop: LDT
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To specify quantity information
Syntax Notes:
Semantic Notes:
Comments:

- Notes:**
1. Use this 2/QTY/570 segment to specify the quantity of an item that is to be delivered in accordance with the quote delivery schedule. The deliverable quantity can be expressed as a discrete quantity or a quantity per time period, e.g., 1000 per month. To indicate a delivery rate per time period, cite in QTY02 the quantity to be delivered and cite in QTY03 the time period, e.g., days, weeks, months, quarters, years.
 2. Use also to indicate the length of a delivery period, e.g., 4 quarters or the number of shipments
 3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

Ref.	Data Element	Name	Attributes
>>	QTY01	673 Quantity Qualifier Code specifying the type of quantity	M ID 2/2
		1J Due The amount due to the customer Use to indicate the quantity to be delivered.	
		1K Time Units The number of time units such as 8 (hours) Use to indicate the length of the delivery period.	
		SA Shipments Use to indicate the number of shipments proposed to complete the deliverable quantity.	
>>	QTY02	380 Quantity Numeric value of quantity	M R 1/15
		1. When QTY01 is code 1J, cite the quantity to be delivered. 2. When QTY01 is code 1K, cite the length of the delivery period in this data element, e.g., 4 and in QTY03 identify the time measurement of the delivery period, e.g., months.	
	QTY03	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	O ID 2/2
		1. Use any code. 2. An application program conversion table may be required to convert agency codes to X12 codes. DA Days When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period. MO Months	

When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

Q1 Quarter (Time)

When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

WK Week

When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

YR Years

When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: **MSG** Message Text
Position: 580
Loop: LDT
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:

1. When LDT01 is code AI, use to identify the specified event.
2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

	Ref.	Data	Name	Attributes
	Des.	Element		
>>	MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264
X	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/2

Segment: **CTT Transaction Totals**
Position: 010
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes: 1 If either CTT03 or CTT04 is present, then the other is required.
 2 If either CTT05 or CTT06 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

Ref.	Data Element	Name	Attributes
>>	CTT01	354 Number of Line Items Total number of line items in the transaction set Use to identify the total number of PO1 segments.	M N0 1/6
	CTT02	347 Hash Total Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field. This is the sum of the quantities (PO102) for all PO1 segments.	O R 1/10
X	CTT03	81 Weight Numeric value of weight	X R 1/10
X	CTT04	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 Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/2
X	CTT05	183 Volume Value of volumetric measure	X R 1/8
X	CTT06	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 Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/2
X	CTT07	352 Description A free-form description to clarify the related data elements and their content	O AN 1/80

Segment: **AMT** Monetary Amount
Position: 015
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:
Notes: Use this segment to identify the total amount of the quote.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	AMT01	522	Amount Qualifier Code Code to qualify amount TT Total Transaction Amount Use to indicate the total amount of the quote.	M ID 1/2
>>	AMT02	782	Monetary Amount Monetary amount	M R 1/15
X	AMT03	478	Credit/Debit Flag Code Code indicating whether amount is a credit or debit Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 1/1

Segment: **SE** Transaction Set Trailer
Position: 020
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>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
>>	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
>>	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			This is the same number as appears in ST02.	