840 Request for Quotation

Functional Group ID= \mathbf{RQ}

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Request for Quotation Transaction Set (840) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide potential buyers with the ability to solicit price, delivery schedule, and other items from potential sellers of goods and services.

Heading:

Must Use	Pos. <u>No.</u> 010	Seg. <u>ID</u> ST	<u>Name</u> Transaction Set Header	Req. <u>Des.</u> M	<u>Max.Use</u> 1	Loop <u>Repeat</u>	Notes and <u>Comments</u>
Must Use	020	BQT	Beginning Segment for Request for Quotation	М	1		
Not Used	030	NTE	Note/Special Instruction	F	100		
Not Used	040	CUR	Currency	0	1		
	050	REF	Reference Numbers	0	>1		
Not Used	060	PER	Administrative Communications Contact	0	3		
Not Used	070	TAX	Tax Reference	0	3		
	080	FOB	F.O.B. Related Instructions	0	>1		
Not Used	090	CTP	Pricing Information	0	>1		
Not Used	095	PAM	Period Amount	0	10		
	110	CSH	Header Sale Condition	0	25		
Not Used	120	SAC	Service, Promotion, Allowance, or Charge Information	0	25		
Not Used	130	ITD	Terms of Sale/Deferred Terms of Sale	0	5		
Not Used	140	DIS	Discount Detail	0	20		
	150	DTM	Date/Time Reference	0	10		
	160	LDT	Lead Time	0	12		
Not Used	180	LIN	Item Identification	0	5		n1
	190	PID	Product/Item Description	0	200		
	200	MEA	Measurements	0	40		
Not Used	210	PWK	Paperwork	0	25		
Not Used	220	PKG	Marking, Packaging, Loading	0	200		
Not Used	230	TD1	Carrier Details (Quantity and Weight)	0	2		
Not Used	240	TD5	Carrier Details (Routing Sequence/Transit Time)	0	12		
Not Used	250	TD3	Carrier Details (Equipment)	0	12		
Not Used	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	0	5		
Not Used	270	MAN	Marks and Numbers	0	10		
	280	RRA	Required Response	0	100		
			LOOP ID - N9			1000	
	290	N9	Reference Number	0	1		
	300	MSG	Message Text	0	1000		
			LOOP ID - N1			10000	
	310	N1	Name	0	1		
	320	N2	Additional Name Information	0	2		
	330	N3	Address Information	0	2		

	340	N4	Geographic Location	0	>1		
Not Used	350	REF	Reference Numbers	0	12		
	360	PER	Administrative Communications Contact	0	>1		
Not Used	370	FOB	F.O.B. Related Instructions	0	1		
Not Used	380	TD1	Carrier Details (Quantity and Weight)	0	2		
Not Used	390	TD5	Carrier Details (Routing Sequence/Transit Time)	0	12		
Not Used	400	TD3	Carrier Details (Equipment)	0	12		
Not Used	410	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	0	5		
Not Used	420	PKG	Marking, Packaging, Loading	0	200		
Not Used	430	RRA	Required Response	0	25		
			LOOP ID - SPI			1	
Not Used	440	SPI	Specification Identifier	0	1		
Not Used	450	REF	Reference Numbers	0	5		
Not Used	460	DTM	Date/Time Reference	0	5		
Not Used	470	MSG	Message Text	0	50		
			LOOP ID - N1	•	· · ·	20	
Not Used	490	N1	Name	0	1		
Not Used	500	N2	Additional Name Information	0	2		
Not Used	510	N3	Address Information	0	2		
Not Used	520	N4	Geographic Location	0	1		
Not Used	530	REF	Reference Numbers	0	20		
Not Used	540	G61	Contact	0	1		
Not Used	550	MSG	Message Text	0	50		
			LOOP ID - CB1			>1	
Not Used	560	CB1	Contract and Cost Accounting Standards Data	0	1		
Not Used	570	REF	Reference Numbers	0	20		
Not Used	580	DTM	Date/Time Reference	0	5		
Not Used	590	LDT	Lead Time	0	1		
Not Used	600	MSG	Message Text	0	50		

Detail:

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. Des.	Max.Use	Loop <u>Repeat</u>	Notes and <u>Comments</u>
			LOOP ID - PO1			100000	
Must Use	010	PO1	Baseline Item Data	М	1		
Not Used	020	CUR	Currency	0	1		
Not Used	025	CN1	Contract Information	0	1		
	030	PO3	Additional Item Detail	0	25		
Not Used	040	CTP	Pricing Information	0	>1		
Not Used	045	PAM	Period Amount	0	10		
	049	MEA	Measurements	О	40		
			LOOP ID - PID		·	1000	
	050	PID	Product/Item Description	0	1		
Not Used	060	MEA	Measurements	0	10		
Not Used	070	PWK	Paperwork	0	25		
	080	PKG	Marking, Packaging, Loading	0	200		
	090	PO4	Item Physical Details	0	>1		
	100	REF	Reference Numbers	О	>1		
Not Used	110	PER	Administrative Communications Contact	0	3		
	0		2				1 1007

Net Used130SAC Information Conditions of Sale025Not Used160TIDTerms of Sale/Defened Terms of Sale020Not Used160DISDiscourt Datal020Not Used170TAXTax Reference03Not Used20DTMDefened Terms of Sale030Not Used200DTMData Reference030Not Used200DTMData Cranze Schedule031Not Used200DTMData Cranze Schedule031Not Used200TTMCareire Densis (Quantity and Weight)011Not Used200TTMCareire Densis (Quantity and Weight)012Not Used200TTMCareire Densis (Quantity and Weight)0100Not Used200RARReporter Densis (Quantity and Weight)0100Not Used208RARReporter Densis (Quantity and Weight)012Not Used209RARReporter Densis (Quantity and Weight)012Not Used300TTMCareire Densis (Quantity and Weight)012Not Used301TTMCareire Densi								
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Not Used308SLNSubline Item DetailO1Not Used310PIDProduct/Item DescriptionO1000LOOP ID - N91000320N9Reference NumberO1330MSGMessage TextO1000LOOP ID - NI340N1NameO1350N2Additional Name InformationO2360N3Address InformationO2370N4Geographic LocationO12Not Used390PERAdministrative Communications ContactO3Not Used400FOBF.O.B. Related InstructionsO1Not Used410TD1Carrier Details (Quantity and Weight)O2Not Used420TD5Carrier Details (Routing Sequence/TransitO12							1000	
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LOOP ID - N9 1000 320 N9 Reference Number 0 1 330 MSG Message Text 0 1000 330 MSG Message Text 0 1000 LOOP ID - N1 340 N1 Name 0 1 350 N2 Additional Name Information 0 2 360 N3 Address Information 0 2 370 N4 Geographic Location 0 1 Not Used 380 REF Reference Numbers 0 12 Not Used 400 FOB F.O.B. Related Instructions Contact 0 3 Not Used 400 FOB F.O.B. Related Instructions 0 1 Not Used 400 FOB F.O.B. Related Instructions 0 1 Not Used 410 TD1 Carrier Details (Quantity and Weight) 0 2 Not Used 420 TD5 Carrier Details (Routing Sequence/Transit 0 12								
320N9Reference NumberO1330MSGMessage TextO1000LOOP ID - NI340N1NameO1350N2Additional Name InformationO2360N3Address InformationO2370N4Geographic LocationO1Not Used390PERAdministrative Communications ContactO1Not Used400FOBF.O.B. Related InstructionsO1Not Used410TD1Carrier Details (Quantity and Weight)O2Not Used420TD5Carrier Details (Routing Sequence/TransitO12	Not Used	510	PID		0	1000		
330MSGMessage TextO1000LOOP ID - NI>1340N1NameO1350N2Additional Name InformationO2360N3Address InformationO2370N4Geographic LocationO1Not Used380REFReference NumbersO12Not Used390PERAdministrative Communications ContactO3Not Used400FOBF.O.B. Related InstructionsO1Not Used410TD1Carrier Details (Quantity and Weight)O2Not Used420TD5Carrier Details (Routing Sequence/TransitO12							1000	
LOOP ID - NI >1 340 N1 Name O 1 350 N2 Additional Name Information O 2 360 N3 Address Information O 2 360 N3 Address Information O 2 370 N4 Geographic Location O 1 Not Used 380 REF Reference Numbers O 12 Not Used 390 PER Administrative Communications Contact O 3 Not Used 400 FOB F.O.B. Related Instructions O 1 Not Used 410 TD1 Carrier Details (Quantity and Weight) O 2 Not Used 420 TD5 Carrier Details (Routing Sequence/Transit O 12		320		Reference Number				
340N1NameO1350N2Additional Name InformationO2360N3Address InformationO2370N4Geographic LocationO1Not Used380REFReference NumbersO12Not Used390PERAdministrative Communications ContactO3Not Used400FOBF.O.B. Related InstructionsO1Not Used405SCHLine Item ScheduleO200Not Used410TD1Carrier Details (Quantity and Weight)O2Not Used420TD5Carrier Details (Routing Sequence/TransitO12		330	MSG	Message Text	0	1000		
350N2Additional Name InformationO2360N3Address InformationO2370N4Geographic LocationO1Not Used380REFReference NumbersO12Not Used390PERAdministrative Communications ContactO3Not Used400FOBF.O.B. Related InstructionsO1Not Used405SCHLine Item ScheduleO200Not Used410TD1Carrier Details (Quantity and Weight)O2Not Used420TD5Carrier Details (Routing Sequence/TransitO12				LOOP ID - N1			>1	
360N3Address InformationO2370N4Geographic LocationO1Not Used380REFReference NumbersO12Not Used390PERAdministrative Communications ContactO3Not Used400FOBF.O.B. Related InstructionsO1Not Used405SCHLine Item ScheduleO200Not Used410TD1Carrier Details (Quantity and Weight)O12Not Used420TD5Carrier Details (Routing Sequence/TransitO12		340	N1	Name	0	1		
370N4Geographic LocationO1Not Used380REFReference NumbersO12Not Used390PERAdministrative Communications ContactO3Not Used400FOBF.O.B. Related InstructionsO1Not Used405SCHLine Item ScheduleO200Not Used410TD1Carrier Details (Quantity and Weight)O2Not Used420TD5Carrier Details (Routing Sequence/TransitO12		350	N2	Additional Name Information	0	2		
Not Used380REFReference NumbersO12Not Used390PERAdministrative Communications ContactO3Not Used400FOBF.O.B. Related InstructionsO1Not Used405SCHLine Item ScheduleO200Not Used410TD1Carrier Details (Quantity and Weight)O2Not Used420TD5Carrier Details (Routing Sequence/TransitO12		360	N3	Address Information	0	2		
Not Used390PERAdministrative Communications ContactO3Not Used400FOBF.O.B. Related InstructionsO1Not Used405SCHLine Item ScheduleO200Not Used410TD1Carrier Details (Quantity and Weight)O2Not Used420TD5Carrier Details (Routing Sequence/TransitO12		370	N4	Geographic Location	0	1		
Not Used400FOBF.O.B. Related InstructionsO1Not Used405SCHLine Item ScheduleO200Not Used410TD1Carrier Details (Quantity and Weight)O2Not Used420TD5Carrier Details (Routing Sequence/Transit)O12	Not Used	380	REF	Reference Numbers	0	12		
Not Used405SCHLine Item ScheduleO200Not Used410TD1Carrier Details (Quantity and Weight)O2Not Used420TD5Carrier Details (Routing Sequence/Transit)O12	Not Used	390	PER	Administrative Communications Contact	0	3		
Not Used410TD1Carrier Details (Quantity and Weight)O2Not Used420TD5Carrier Details (Routing Sequence/TransitO12	Not Used	400	FOB	F.O.B. Related Instructions	0	1		
Not Used 420 TD5 Carrier Details (Routing Sequence/Transit O 12	Not Used	405	SCH	Line Item Schedule	0	200		
	Not Used	410	TD1	Carrier Details (Quantity and Weight)	0	2		
Time)	Not Used	420	TD5		0	12		
				Time)				

Not Used	430	TD3	Carrier Details (Equipment)	0	12		ĺ
Not Used	440	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	0	5		
Not Used	450	PKG	Marking, Packaging, Loading	0	200		
Not Used	460	RRA	Required Response	0	25		
Not Used	465	CTP	Pricing Information	0	1		
Not Used	469	PAM	Period Amount	0	10		
			LOOP ID - LDT			>1	
Not Used	470	LDT	Lead Time	0	1		
Not Used	480	MAN	Marks and Numbers	0	10		
Not Used	490	QTY	Quantity	0	5		
Not Used	500	MSG	Message Text	0	1000		

Summary:

	Pos.	Seg.		Req.		Loop	Notes and
	<u>No.</u>	ID	Name	Des.	Max.Use	Repeat	Comments
Must Use	010	CTT	Transaction Totals	М	1		n3
Must Use	020	SE	Transaction Set Trailer	М	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.** The 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.

ST Transaction Set Header

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

Comments:

			Data	Element Summary			
	Ref.	Data					
	Des.	<u>Element</u>	<u>Name</u>		Att	ribute	<u>s</u>
>>	ST01	143	Transaction	Set Identifier Code	\mathbf{M}	ID	3/3
			Code uniquel	y identifying a Transaction Set			
			840	X12.7 Request for Quotation			
>>	ST02	329	Transaction	Set Control Number	Μ	AN	4/9
				ntrol number that must be unique within the oup assigned by the originator for a transaction		ction s	et

${f BQT}$ Beginning Segment for Request for Quotation

Segment:	${f BQT}$ Beginning Segment for Request for Quotation
Position:	020
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the beginning of a Request for Quotation Transaction Set and transmit
	identifying numbers and dates
Syntax Notes:	1 If either BQT04 or BQT05 is present, then the other is required.
Semantic Notes:	1 BQT03 is the date to be used for reference purposes in an RFQ and a reponse to
	RFQ.
Comments:	

	D C		Data I	Element Summary			
	Ref.	Data Element	Nome		A 44	mihuto	~
>>	<u>Des.</u> BQT01	Element 353	<u>Name</u> Transaction S	et Purpose Code	M Au	<u>ribute</u> ID	<u>s</u> 2/2
~~	DQIVI	555		ng purpose of transaction set	171	ID	<i><i>L</i></i> <i>L</i>
				the purpose of the transaction set.			
			00	Original			
			01	Cancellation			
			07	Duplicate			
			17	Cancel, to be Reissued			
			18	Reissue			
>>	BQT02	586		puote Reference Number and by the purchaser to identify his reques	M st for que	AN ote	1/45
			amendment to solicitation nur	the unique number assigned to the solici a solicitation (BQT01 is either Code 18 (mber is retained) and BQT07 is Code 06) mendment number will be concatenated.	if the ori	ginal	
>>	BQT03	373	Date		Μ	DT	6/6
			Date (YYMMI	DD)			
			amendment (w retained)	18 (if a new solicitation number is used), hen BQT01 is code 18 if the original soli	citation 1	numbe	r is
X	BQT04	374	Date/Time Qu	nalifier ng type of date or time, or both date and ti	X	ID	3/3
				0 Data Element Dictionary for acceptable		luos	
X	BQT05	373	Date	o Data Element Dictionary for acceptable	X	DT	6/6
Λ	BQ105	515	Date (YYMMI	DD)	Λ	DI	0/0
	BQT06	92	Purchase Ord		Ο	ID	2/2
			Code specifyin	g the type of Purchase Order			
			KC	Contract			
				A legally binding document where provide supplies or services and ar provide compensation for the supp	nother pa	rty agr	
			KN	Purchase Order			
				Procurement instrument within the threshold	small pu	ırchasi	ng
			RL	Release or Delivery Order			
				An order for goods and services pl	aced aga	inst a p	ore-
	BQT07	960	Request for O	existing contract or blanket order puote Type Code	0	ID	2/2
	DQ10/	700	Request 101 Q	guore Type Cour	U	ID.	<i>41 4</i>

			Code specifyin	ng the type of request for quote			
			01	Request For Quote			
	BQT08	1166	Contract Typ	e Code	0	ID	2/2
			Code identifyi	ng a contract type			
			FR	Firm Fixed Price			
Χ	BQT09	786	Security Leve	l Code	0	ID	2/2
			information fo	6			e
			Refer to 00305	50 Data Element Dictionary for acceptable	code va	alues.	
X	BQT10	1232	Purchase Cat Code identifyi	egory ng the broad category of products or servic	O ces bein	ID g acqu	2/2 ired
			Refer to 00305	50 Data Element Dictionary for acceptable	code va	alues.	

REF Reference Numbers

Segment:	NL
Position:	050
Loop:	
Level:	Headin
Usage:	Option
Max Use:	>1
Purpose:	To spec
Syntax Notes:	1 At
Semantic Notes:	
Comments:	
Notes:	1. Use

050 Heading Optional >1 To specify identifying numbers. 1 At least one of REF02 or REF03 is required.

1. Use this 1/REF/050 segment to identify reference numbers that apply to all of the line items. If the reference numbers vary by line item, use the 2/REF/100 segment.

2. There must be one occurrence of this REF segment in all transmissions when BQT01 is code 00, 07, or 18, with REF01 citing code IJ.

			Data Eleme	ent Summary			
>>	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Reference Number Code qualifying the	•	<u>Attı</u> M	<u>ributes</u> ID	<u>s</u> 2/2
			DG	Drawing Number			
			DS	Defense Priorities Allocation System (Rating	DPA	S) Prio	rity
			IJ	Standard Industry Classification (SIC)	Code	e	
			NI	Military Standard (MIL-STD) Number	r		
			RQ	Purchase Requisition No.			
			S2	Military Specification Number (MILS)	PEC)		
			S 3	Specification Number			
	REF02	127	Reference Number		Х	AN	1/30
				r identification number as defined for a as specified by the Reference Number Q	-		
			If a document has a	revision or extension, the document nur n number will be concatenated and cited	mber	and the	
	REF03	352	Description		Х	AN	1/80
			A free-form descript	tion to clarify the related data elements a	and th	neir coi	ntent

FOB F.O.B. Related Instructions

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes:	080 Heading Optional >1 To speci 1 If Fe 2 If Fe 3 If Fe 4 If Fe 1 FOF 2 FOF 3 FOF 4 FOF be d	fy transportation ins OB03 is present, the OB04 is present, the OB07 is present, the OB08 is present, the 301 indicates which 302 is the code spec 306 is the code spec 308 is the code spec ifferent than the loc	structions relating to shipment en FOB02 is required. en FOB05 is required. en FOB06 is required. en FOB09 is required. party will pay the carrier. eifying transportation responsibility location fifying the title passage location. eifying the point at which the risk of loss cation specified in FOB02/FOB03 and F	s transf OB06/	FOB07	7.
Notes:	the line i		t if the FOB point and the acceptance lo B point and/or acceptance location varies			
Ref.	Data	Data Eler	ment Summary			
Des.	<u>Element</u>	Name		Att	ribute	-
>> FOB01	146	Shipment Metho		Μ	ID	2/2
		PP	payment terms for transportation charge	s		
		PP	Prepaid (by Seller)		ana nat	
			Use to indicate that transportation cl included in the unit price but are pre added as a separate item on this inst	paid ar	nd are t	o be
		PS	Paid by Seller			
			The seller agrees to the transportation requiring the seller to pay transporta specified location (origin or destinat Use to indicate transportation charge	tion ch ion loc	arges t ation)	o a
FOB02	309	Location Qualifie	the unit price.	X	ID	1/2
FOD02	507	Code identifying t		Λ	ΠD	1/4
		DE	Destination (Shipping)			
		OR	Origin (Shipping Point)			
X FOB03	352	Description	ongin (ompping i omt)	0	AN	1/80
	554		iption to clarify the related data element	-		
X FOB04	334	Transportation T	Ferms Qualifier Code the source of the transportation terms	0	ID	2/2
			Data Element Dictionary for acceptable	code v	alues	
X FOB05	335	Transportation 7		X	ID ID	3/3
A FODUS	555		the trade terms which apply to the shipn			
			Data Element Dictionary for acceptable	code va	alues.	
FOB06	309	Location Qualifie	er	Х	ID	1/2
		Code identifying t	type of location			
		Identifies the acce	eptance/inspection point.			
		DE	Destination (Shipping)			
		OR	Origin (Shipping Point)			
X FOB07	352	Description		0	AN	1/80
		-	iption to clarify the related data element	ts and t	heir co	ontent

X	FOB08	54	Risk of Loss Qualifier Code specifying where responsibility for risk of loss passes	0	ID	2/2
			Refer to 003050 Data Element Dictionary for acceptable co	de va	lues.	
X	FOB09	352	Description A free-form description to clarify the related data elements	X and th	AN heir co	1/80 ntent

CSH Hander Sale Conditio

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	 110 Heading Optional 25 To special 1 If C 2 If en 1 CSH 2 CSH 3 CSH 4 CSH 5 CSH 	Header Sale Condition fy general conditions or requirements of the sale SH02 is present, then CSH03 is required. ther CSH06 or CSH07 is present, then the other is required. 103 is the maximum monetary amount value which the order 104 is the account number to which the purchase amount is to 105 is the date specified by the sender to be shown on the inv 106 identifies the source of the code value in CSH07. 109 is the percent of the Set-Aside.	o be c voice.	harged	
	Totes.		there are conditions of sale that apply to a specific line item,			
	Ref. <u>Des.</u> CSH01	Data <u>Element</u> 563	Data Element Summary <u>Name</u> Sales Requirement Code	<u>Att</u> O	<u>ribute:</u> ID	<u>s</u> 1/2
			Code to identify a specific requirement or agreement of sal K Small Purchase Set Aside for Small B	usine		at
			A procurement action that has been reaside for) businesses classified as ``srUPUnrestricted Procurement			
X	CSH02	564	Do-Not-Exceed Action Code Code indicating the action to be taken if the order amount of Do-Not-Exceed Amount (565) Refer to 003050 Data Element Dictionary for acceptable co			1/1 value of
X	CSH03	610	Amount Monetary amount	X	N2	1/15
X	CSH04	508	Account Number Account number assigned	0	AN	1/35
X	CSH05	373	Date Date (YYMMDD)	0	DT	6/6
X	CSH06	559	Agency Qualifier Code Code identifying the agency assigning the code values	X	ID	2/2
			Refer to 003050 Data Element Dictionary for acceptable co			
X	CSH07	560	Special Services Code Code identifying the special service	X	ID	2/10
	COTTOO		Refer to 003050 Data Element Dictionary for acceptable co			1/2
	CSH08	566	Product/Service Substitution CodeCode indicating product or service substitution conditionsB0No Substitution Allowed	0	ID	1/2
X	CSH09	954	Percent Percentage expressed as a decimal	0	R	1/10

DTM Date/Time Reference

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:

>>	Ref. <u>Des.</u> DTM01	Data <u>Element</u> 374	Name Date/Time Qualifie Code specifying typ 997	r e of date or time, or both date and time Quote to be Recieved By A date on which or before a quote mus	M	ribute ID	3/3	
				location specified in an RFQ Use to indicate the date and time for q				
	DTM02	373	Date		X	DT	6/6	
			Date (YYMMDD)					
	DTM03	337	Time		Х	TM	4/8	
			HHMMSSD, or HH 59), $S = integer second$	4-hour clock time as follows: HHMM, MMSSDD, where H = hours (00-23), M nds (00-59) and DD = decimal seconds ows: D = tenths (0-9) and DD = hundred me of bid receipt.	M = n s; dec	ninutes imal se	(00- conds	
	DTM04	623	Time Code		0	ID	2/2	
			Organization standar in hours in relation t	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				
	DTM05	624	Century		0	N0	2/2	
			The first two characters	ers in the designation of the year (CCY	YY)			
X	DTM06	1250	Date Time Period I		X	ID	2/3	
V		1051	Refer to 003050 Dat	date format, time format, or date and tin a Element Dictionary for acceptable co	de va	lues.	1/25	
X	DTM07	1251	Date Time Period Expression of a date	, a time, or range of dates, times or date	X es and	AN l times	1/35	

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.

	Ref.	Data					
	Des.	<u>Element</u>	<u>Name</u>		Att	ribute	S
>>	LDT01	345	Lead Time Code		Μ	ID	2/2
			Code indicating the	e time range			
			AT	From Bid Opening to Expiration of B	id		
				Use to specify the time period for which quote must remain valid with the bid of the basis.			
			AU	From Required-By Date to Expiration	Date		
				Use to specify the time period the sub remain valid with the bid receipt date		-	
			AY	From Date of Award to Date of Deliv	ery		
>>	LDT02	380	Quantity		Μ	R	1/15
			Numeric value of q	uantity			
>>	LDT03	344	Unit of Time Perio Code indicating the	od or Interval e time period or interval	Μ	ID	2/2
			Refer to 003050 Da	ata Element Dictionary for acceptable co	ode va	lues.	
X	LDT04	373	Date Date (YYMMDD)		0	DT	6/6

PID Product/Item Description

Segment:	PID Product/Item Description
Position:	190
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	200
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 $PID01 = F''$
	``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:	This segment to provides a description of the requested items/materiel that applies to all
	of the line items. When the descriptions vary by line item, the description will be
	provided in segment 2/PID/050.

	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>		ribute	-
>>	PID01	349	Item Description Type	Μ	ID	1/1
			Code indicating the format of a description			
			Refer to 003050 Data Element Dictionary for acceptable co	de va	lues.	
Χ	PID02	750	Product/Process Characteristic Code	0	ID	2/3
			Code identifying the general class of a product or process c	harac	teristic	
			Refer to 003050 Data Element Dictionary for acceptable co	de va	lues.	
Χ	PID03	559	Agency Qualifier Code	Х	ID	2/2
			Code identifying the agency assigning the code values			
			Refer to 003050 Data Element Dictionary for acceptable co	de va	lues.	
Χ	PID04	751	Product Description Code	Х	AN	1/12
			A code from an industry code list which provides specific of	lata a	bout a	product
			characteristic			
	PID05	352	Description	Х	AN	1/80
			A free-form description to clarify the related data elements	and t	heir co	ntent
Χ	PID06	752	Surface/Layer/Position Code	0	ID	2/2
			Code indicating the product surface, layer or position that i	s beir	ng desc	ribed
			Refer to 003050 Data Element Dictionary for acceptable co	de va	lues.	
Χ	PID07	822	Source Subqualifier	0	AN	1/15
			A reference that indicates the table or text maintained by th	e Sou	irce Qu	alifier
Χ	PID08	1073	Yes/No Condition or Response Code	0	ID	1/1
			Code indicating a Yes or No condition or response			
			Refer to 003050 Data Element Dictionary for acceptable co	de va	lues.	

Segment:	MEA Measurements
Position:	200
Loop:	
Level:	Heading
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
	any measurement where a positive (+) value cannot be assumed, use MEA05 as the

negative (-) value and MEA06 as the positive (+) value.

	Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>	Sement Summary	Att	ribute	<u>s</u>
	MEA01	737	Measurement	Reference ID Code	0	ID	2/2
			Code identifyin	ng the broad category to which a measureme	nt app	plies	
			CS	Core Size			
				When REF01 is Code IJ, use to indica standard for the cited SIC code.	ate the	e size	
	MEA02	738	Measurement	Qualifier	0	ID	1/3
			Code identifyir measurement a MX	ng a specific product or process characteristi pplies Maximum	c to w	hich a	
				Indicates the maximum size standard	applic	able to	o the
				SIC code specified in the REF segme			
	MEA03	739	Measurement		Х	R	1/20
				ne measurement			
	MEA04	C001	Composite Un		Х		
			To identify a couse.)	omposite unit of measure(See Figures Appe	ndix f	or exa	mples of
>>	C00101	355		for Measurement Code	Μ	ID	2/2
			1 *	g the units in which a value is being express	ed, or	: mann	er in
			IE	rement has been taken Person			
			IL	When MEA01 is code CS, indicates t	he SI(" size	
				standard in terms of number of emplo		2 5120	
X	C00102	1018	Exponent Power to which	h a unit is raised	0	R	1/15
X	C00103	649	Multiplier		0	R	1/10
			Value to be use	ed as a multiplier to obtain a new value			
X	C00104	355	Code specifyin which a measure	for Measurement Code g the units in which a value is being express rement has been taken 0 Data Element Dictionary for acceptable co			2/2 er in
X	C00105	1018	Exponent		0	R	1/15
48	00100	1010	-	h a unit is raised	0		1,10
X	C00106	649	Multiplier	ed as a multiplier to obtain a new value	0	R	1/10

X	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expresse which a measurement has been taken	O ed, or	ID mann	2/2 er in
			Refer to 003050 Data Element Dictionary for acceptable co	de va	lues.	
Χ	C00108	1018	Exponent	0	R	1/15
			Power to which a unit is raised			
X	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	0	R	1/10
Χ	C00110	355	Unit or Basis for Measurement Code	0	ID	2/2
			Code specifying the units in which a value is being expresse which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable co			er in
Χ	C00111	1018	Exponent	0	R	1/15
			Power to which a unit is raised			
Χ	C00112	649	Multiplier	0	R	1/10
			Value to be used as a multiplier to obtain a new value			
Χ	C00113	355	Unit or Basis for Measurement Code	0	ID	2/2
			Code specifying the units in which a value is being expresse which a measurement has been taken	ed, o	r mann	er in
			Refer to 003050 Data Element Dictionary for acceptable co	de va	lues.	
X	C00114	1018	Exponent	0	R	1/15
			Power to which a unit is raised			
X	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	0	R	1/10
Χ	MEA05	740	Range Minimum	Х	R	1/20
			The value specifying the minimum of the measurement range	ge		
Χ	MEA06	741	Range Maximum	Х	R	1/20
			The value specifying the maximum of the measurement ran	ge		
Χ	MEA07	935	Measurement Significance Code	0	ID	2/2
			Code used to benchmark, qualify or further define a measur			e
•7		00(Refer to 003050 Data Element Dictionary for acceptable co			2/2
X	MEA08	936	Measurement Attribute Code Code used to express an attribute response when a numeric	X	ID	2/2
			code used to express an attribute response when a numeric cannot be determined	meas	sureme	iit value
			Refer to 003050 Data Element Dictionary for acceptable co	de va	lues.	
Χ	MEA09	752	Surface/Layer/Position Code	0	ID	2/2
			Code indicating the product surface, layer or position that is	s beir	ng desc	ribed
			Refer to 003050 Data Element Dictionary for acceptable co	de va	lues.	
X	MEA10	1373	Measurement Method or Device	0	ID	2/4
			The method or device used to record the measurement			
			Refer to 003050 Data Element Dictionary for acceptable co	de va	lues.	

RRA Required Response

Segment:	RRA Required Response
Position:	280
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	100
Purpose:	To indicate information that is required to be included in the response
Syntax Notes:	
Semantic Notes:	1 Use RRA02 only to specify applicable regulatory or contractual clause.
Comments:	
Notes:	This segment is used to indicate that specific information must be provided with their
	proposal, e.g., a certification, a representation or other information.

>>	Ref. <u>Des.</u> RRA01	Data <u>Element</u> 701	<u>Name</u> Information Type Code specifying the	information required in the response	<u>Att</u> M	<u>ributes</u> ID	<u>s</u> 2/2
			14	As Indicated by the Cited Reference			
				Indicates the reference number that rec to provide a certification, representation information. This reference number we number or some unique reference num provided to offerors	on or ill be	other a claus	se
	RRA02	127	Reference Number		0	AN	1/30
				identification number as defined for a specified by the Reference Number Q	-		

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:	Use this 1/N9/290 loop to identify various clauses (e.g., FAR, DFAR, DLAR, or other clauses), special instructions or other references which are applicable to the entire					

clauses), special instructions or other references which are applicable to the solicitation. If the information varies by line item, use the 2/N9/320 loop.

	Data Element Summary						
>>	Ref. <u>Des.</u> N901	Data <u>Element</u> 128	<u>Name</u> Reference Number Code qualifying the		<u>Attı</u> M	<u>ributes</u> ID	<u>2/2</u>
			CJ	Clause Number			
				Indicates a purchasing activity clause (found in FAR/DFARS, etc.). The purc issuing the clause will be identified in	hasin	g activ	
			DF	Defense Federal Acquisition Regulation	ons (E	OFAR)	
			DX	Department/Agency Number			
				Indicates and Agency clause with the <i>A</i> in N903.	Ageno	cy iden	tified
			FA	Federal Acquisition Regulations (FAR)		
			KD	Special Instructions Number Indicates a special instruction provided purchasing activity identified in N903.		he agei	ncy or
			KY	Site Specific Procedures, Terms, and C		tions	
				A set of procedures, terms, and conditi a category of procurement emanating f location, which will be incorporated in procurement actions in that category by unique number rather than by incorpor details it represents Indicates a clause included in a master	rom a to all y refe ating	rencin the ler	fic g its ngthy
			KZ	Master Solicitation Procedures, Terms	, and	Condit	tions
				A set of standard procedures, terms, ar applicable to a category of procurement incorporated into all procurement action category by referencing its unique num by incorporating the lengthy details it to Indicates the Master Solicitation numb terms and conditions applicable to this	nt, wh ons in ober r repres er tha	ich wi that ather the sents at conta	ll be han ains
	N902	127	Reference Number		Х	AN	1/30
	N903	369		r identification number as defined for a as specified by the Reference Number Q tion			1/45
	11200	507	Free-form descriptiv		1	1 = 1 4	1/ 10
	N904	373	Date		0	DT	6/6
			Date (YYMMDD)		č		5, 0

X	N905	337	Time Time expressed in 24-hour clock time as follows: HHMM HHMMSSD, or HHMMSSDD, where H = hours (00-23), 59), S = integer seconds (00-59) and DD = decimal second are expressed as follows: D = tenths (0-9) and DD = hundr	M = minutes (00- ds; decimal seconds
X	N906	623	Time Code Code identifying the time. In accordance with International Organization standard 8601, time can be specified by a + of in hours in relation to Universal Time Coordinate (UTC) to restricted character, + and - are substituted by P and M in to Refer to 003050 Data Element Dictionary for acceptable c	or - and an indication ime; since + is a the codes that follow

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:	1
Semantic Notes:	
Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes:	 Use this segment to carry the title or full text of any clause, if it is required, or another solicitation reference associated with the number cited in N902. This segment is also used to carry clause fill-in information if that information is not provided elsewhere within the transaction set. When providing 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 fill-ins being provided. Each fill-in will be preceded by the paragraph or section identifier in the clause where the 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 fill-ins being provided.
	3. A pipe sign () will be inserted after each data item. As an example, the fill-in information required by FAR 52.212-3 will be provided as follows:Commencement, Prosecution, and Completion of Work Alternative I (Apr 1984) 3 (a)
	30 (c) Sep 30, 1995 Jan 15, 1995
	50 (0) 50p 50, 1990 but 10, 1990
Dof	Data Element Summary

	Ref.	Data				
	Des.	<u>Element</u>	Name	Att	ributes	<u>;</u>
>>	MSG01	933	Free-Form Message Text	\mathbf{M}	AN	1/264
			Free-form message text			
X	MSG02	934	Printer Carriage Control Code	0	ID	2/2
			A field to be used for the control of the line feed of the rece	iving	printer	
			Refer to 003050 Data Element Dictionary for acceptable co	de va	lues.	

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.

	D.C		Data Elem	ent Summary			
>>	Ref. <u>Des.</u> N101	Data <u>Element</u> 98	<u>Name</u> Entity Identifier C Code identifying ar	Code n organizational entity, a physical location	Μ	ributes ID an ind	2/2
			7M	Inspection and Acceptance Location			
			BY	Buying Party (Purchaser)			
			KZ	Acceptance Location			
				Indicates the acceptance point is other destination.	than	origin	or
			L1	Inspection Location			
				Place where the item was viewed or in	•		
				Indicates the inspection location when origin or destination.	it is	other th	nan
			XP	Party to Receive Solicitation			
	N102	93	Name		Х	AN	1/35
			Free-form name				
	N103	66	Identification Cod	-	X	ID	1/2
			Code designating th Code (67)	ne system/method of code structure used	for I	dentific	cation
			10	Department of Defense Activity Addr (DODAAC)	ess C	ode	
			33	Commercial and Government Entity (CAG	E)	
	N104	67	Identification Cod	le	Х	AN	2/20
			Code identifying a	party or other code			
Х	N105	706	Entity Relationshi		0	ID	2/2
			Code describing en			1	
V	N107	00		ata Element Dictionary for acceptable co			2/2
X	N106	98	Entity Identifier C	code organizational entity, a physical location	0	ID an ind	2/2 ividual
				ata Element Dictionary for acceptable co			
			110101 to 002000 Dt	La Dieniene Dietionaly for acceptable ed			

Segment:	${ m N2}$ 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:	

			Data Element Summary			
	Ref.	Data				
	Des.	Element	Name	Att	tributes	<u>s</u>
>>	N201	93	Name Free-form name	Μ	AN	1/35
	N202	93	Name Free-form name	0	AN	1/35

Segment:	${f N3}$ 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:	

		Data Element Summary			
Ref.	Data				
Des.	<u>Element</u>	Name	Att	ributes	5
N301	166	Address Information Address information	Μ	AN	1/35
N302	166	Address Information Address information	0	AN	1/35
	<u>Des.</u> N301	Des.ElementN301166	Ref.DataDes.ElementNameN301166Address Information Address informationN302166Address Information	Ref.DataDes.ElementNameN301166Address InformationAddress informationAddress InformationN302166Address InformationO	Ref.DataDes.ElementNameM301166Address Information Address informationN302166Address InformationOAN

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.

		Data Elem	ent Summary			
Ref.	Data					
Des.	<u>Element</u>	<u>Name</u>		Att	ribute	<u>s</u>
N401	19	City Name		0	AN	2/30
		Free-form text for c	ty name			
N402	156	State or Province	Code	0	ID	2/2
		Code (Standard Sta	te/Province) as defined by appropriate g	overi	nment a	agency
N403	116	Postal Code		0	ID	3/11
		Code defining inter (zip code for United	national postal zone code excluding pur l States)	ictuat	ion and	l blanks
N404	26	Country Code		0	ID	2/3
		Code identifying th	e country			
N405	309	Location Qualifier		Х	ID	1/2
		Code identifying ty	pe of location			
		AR	Armed Services Location Designation			
			Indicates an Army Post Office (APO) Office (FPO).	or a l	Fleet Po	ost
N406	310	Location Identifier	r	0	AN	1/30
		Code which identify	ies a specific location			

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:

			Data Element Summary			
	Ref.	Data				
	Des.	<u>Element</u>	Name	Att	ributes	5
>>	PER01	366	Contact Function Code	Μ	ID	2/2
			Code identifying the major duty or responsibility of the per	son o	r group	named
			BD Buyer Name or Department			
	PER02	93	Name	0	AN	1/35
			Free-form name			
	PER03	365	Communication Number Qualifier	Х	ID	2/2
			Code identifying the type of communication number			
			TE Telephone			
	PER04	364	Communication Number	Х	AN	1/80
			Complete communications number including country or are applicable	ea coc	le whei	n
	PER05	365	Communication Number Qualifier	Х	ID	2/2
			Code identifying the type of communication number			
			FX Facsimile			
	PER06	364	Communication Number	Х	AN	1/80
			Complete communications number including country or are applicable	ea coc	le whei	1
Χ	PER07	365	Communication Number Qualifier	Х	ID	2/2
			Code identifying the type of communication number			
			Refer to 003050 Data Element Dictionary for acceptable co	de va	lues.	
Χ	PER08	364	Communication Number	Х	AN	1/80
			Complete communications number including country or are applicable	ea coc	le whei	1
Χ	PER09	443	Contact Inquiry Reference	0	AN	1/20
			Additional reference number or description to clarify a com	tact n	umber	

Segment:	PO1 Baseline Item Data				
Position:	010				
Loop:	PO1				
Level:	Detail				
Usage:	Mandatory				
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.

	-		Data Element Summary			
	Ref.	Data				
	Des.	<u>Element</u>	Name	Att	ribute	
	PO101	350	Assigned Identification	0	AN	1/11
			Alphanumeric characters assigned for differentiation within	ı a tra	ansactio	on set
	PO102	330	Quantity Ordered	Х	R	1/9
			Quantity ordered			
			Specifies the quantity of the item being solicited. If prices f quantities are being solicited, PO102 will cite the base quar solicited and the step ladder quantities will be cited in the 2	ntity t	hat is t	being
	PO103	355	Unit or Basis for Measurement Code	0	ID	2/2
			Code specifying the units in which a value is being express which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable co			er in
Χ	PO104	212	Unit Price	Х	R	1/17
			Price per unit of product, service, commodity, etc.			
X	PO105	639	Basis of Unit Price Code	0	ID	2/2
			Code identifying the type of unit price for an item			
			Refer to 003050 Data Element Dictionary for acceptable co	de va	alues.	
	PO106	235	Product/Service ID Qualifier	Х	ID	2/2
			Code identifying the type/source of the descriptive number Product/Service ID (234) FS National Stock Number MG Manufacturer's Part Number	used	in	
				•.	11	
			The manufacturer's CAGE code will b 235/234 pair identified with code ZB.	e cite	ed in th	e next
	PO107	234	Product/Service ID	Х	AN	1/40
			Identifying number for a product or service			
	PO108	235	Product/Service ID Qualifier	X	ID	2/2
DPAC-840			26		Augus	st 6, 1997

			he type/source of the descriptive number	used	in	
		Product/Service II				
		MG	Manufacturer's Part Number		1 1	
			The manufacturer's CAGE code will 235/234 pair identified with code ZB		ed in th	ie next
		ZB	Commercial and Government Entity		E) Cod	le
			A code that identifies a commercial c		,	
			to do business with the U.S. governm		or auti	lonzed
PO109	234	Product/Service I	•	Χ	AN	1/40
		Identifying numbe	r for a product or service			
PO110	235	Product/Service I	D Qualifier	Х	ID	2/2
			he type/source of the descriptive number	c used	in	
		Product/Service II	•••			
		MG	Manufacturer's Part Number			
			The manufacturer's CAGE code will		ed in th	ne next
		70	235/234 pair identified with code ZB			1.
		ZB	Commercial and Government Entity			
			A code that identifies a commercial c to do business with the U.S. governm		or autr	iorized
PO111	234	Product/Service I	•	X	AN	1/40
			r for a product or service			2,10
PO112	235	Product/Service I	1	X	ID	2/2
	200		he type/source of the descriptive number			_,_
		Product/Service ID				
		MG	Manufacturer's Part Number			
			The manufacturer's CAGE code will	be cite	ed in th	ne next
			235/234 pair identified with code ZB			-
		ZB	Commercial and Government Entity			
			A code that identifies a commercial c		or auth	orized
PO113	234	Product/Service I	to do business with the U.S. governm D	X	AN	1/40
			r for a product or service			2,10
PO114	235	Product/Service I	1	Х	ID	2/2
_			he type/source of the descriptive number	c used	in	-
		Product/Service II				
		MG	Manufacturer's Part Number			
			The manufacturer's CAGE code will		ed in th	ne next
		70	235/234 pair identified with code ZB			1.
		ZB	Commercial and Government Entity			
			A code that identifies a commercial c to do business with the U.S. governm		or autr	lorized
PO115	234	Product/Service I	-	X	AN	1/40
		Identifying numbe	r for a product or service			
PO116	235	Product/Service I	•	X	ID	2/2
			he type/source of the descriptive number	used	in	
		Product/Service IE				
		MG	Manufacturer's Part Number			
			The manufacturer's CAGE code will		ed in th	ne next
		70	235/234 pair identified with code ZB		\mathbf{E}	
		ZB	Commercial and Government Entity A code that identifies a commercial c			
			to do business with the U.S. governm		or auth	onzea
PO117	234	Product/Service I		X	AN	1/40
			r for a product or service			-
PO118	235	Product/Service I	_	Х	ID	2/2

		Code identifying th Product/Service ID	e type/source of the descriptive number (234)	used	in	
		MG	Manufacturer's Part Number			
		ZB	The manufacturer's CAGE code will b 235/234 pair identified with code ZB. Commercial and Government Entity (
		ZD	A code that identifies a commercial co		,	
			to do business with the U.S. governme		or aatii	onzea
PO119	234	Product/Service II		Х	AN	1/40
		Identifying number	for a product or service			
PO120	235	Product/Service II	D Qualifier	Х	ID	2/2
		Product/Service ID		used	in	
		MG	Manufacturer's Part Number			
			The manufacturer's CAGE code will b 235/234 pair identified with code ZB.			
		ZB	Commercial and Government Entity (
			A code that identifies a commercial co to do business with the U.S. governme		or auth	orized
PO121	234	Product/Service II)	Х	AN	1/40
			for a product or service			
PO122	235	Product/Service II) Qualifier	X	ID	2/2
PO122	235	Product/Service II Code identifying th Product/Service ID	D Qualifier e type/source of the descriptive number (234)			2/2
PO122	235	Product/Service II Code identifying th	D Qualifier e type/source of the descriptive number (234) Manufacturer's Part Number	used	in	
PO122	235	Product/Service II Code identifying th Product/Service ID	D Qualifier e type/source of the descriptive number (234) Manufacturer's Part Number The manufacturer's CAGE code will b	used	in	
PO122	235	Product/Service II Code identifying th Product/Service ID	D Qualifier e type/source of the descriptive number (234) Manufacturer's Part Number	used	in ed in th	e next
PO122	235	Product/Service II Code identifying th Product/Service ID MG	D Qualifier e type/source of the descriptive number (234) Manufacturer's Part Number The manufacturer's CAGE code will b 235/234 pair identified with code ZB. Commercial and Government Entity (A code that identifies a commercial co	used be cite CAG	in ed in th E) Cod	e next
		Product/Service II Code identifying th Product/Service ID MG ZB	 D Qualifier e type/source of the descriptive number (234) Manufacturer's Part Number The manufacturer's CAGE code will be 235/234 pair identified with code ZB. Commercial and Government Entity (A code that identifies a commercial control do business with the U.S. government 	used be cite CAG	in ed in th E) Cod or auth	e next e orized
PO122 PO123	235 234	Product/Service II Code identifying th Product/Service ID MG ZB Product/Service II	D Qualifier e type/source of the descriptive number (234) Manufacturer's Part Number The manufacturer's CAGE code will b 235/234 pair identified with code ZB. Commercial and Government Entity (A code that identifies a commercial co to do business with the U.S. government	used be cite CAG	in ed in th E) Cod	e next
PO123	234	Product/Service II Code identifying th Product/Service ID MG ZB Product/Service II Identifying number	 D Qualifier e type/source of the descriptive number (234) Manufacturer's Part Number The manufacturer's CAGE code will b 235/234 pair identified with code ZB. Commercial and Government Entity (A code that identifies a commercial co to do business with the U.S. government D for a product or service 	used oe cite CAG ontrate ent X	in ed in th E) Cod or auth AN	e next e orized 1/40
		Product/Service II Code identifying th Product/Service ID MG ZB Product/Service II Identifying number Product/Service II	 Qualifier e type/source of the descriptive number (234) Manufacturer's Part Number The manufacturer's CAGE code will be 235/234 pair identified with code ZB. Commercial and Government Entity (A code that identifies a commercial conto do business with the U.S. government for a product or service D Qualifier 	used oe cite CAG ontrate ent X X	in ed in th E) Cod or auth AN ID	e next e orized
PO123	234	Product/Service II Code identifying th Product/Service ID MG ZB Product/Service II Identifying number Product/Service II Code identifying th Product/Service ID	 O Qualifier e type/source of the descriptive number (234) Manufacturer's Part Number The manufacturer's CAGE code will be 235/234 pair identified with code ZB. Commercial and Government Entity (A code that identifies a commercial control do business with the U.S. government for a product or service O Qualifier e type/source of the descriptive number (234) 	used care cite care care ontrate ent X used	in E) Cod or auth AN ID in	e next e orized 1/40 2/2
PO123	234	Product/Service II Code identifying th Product/Service ID MG ZB Product/Service II Identifying number Product/Service II Code identifying th	 D Qualifier e type/source of the descriptive number (234) Manufacturer's Part Number The manufacturer's CAGE code will be 235/234 pair identified with code ZB. Commercial and Government Entity (A code that identifies a commercial co to do business with the U.S. government D for a product or service D Qualifier e type/source of the descriptive number (234) Commercial and Government Entity (Commercial a	used cAG ontrate ent X used CAG	in ed in th E) Cod or auth AN ID in E) Cod	e next e orized 1/40 2/2 e
PO123	234	Product/Service II Code identifying th Product/Service ID MG ZB Product/Service II Identifying number Product/Service II Code identifying th Product/Service ID	 D Qualifier e type/source of the descriptive number (234) Manufacturer's Part Number The manufacturer's CAGE code will be 235/234 pair identified with code ZB. Commercial and Government Entity (A code that identifies a commercial co to do business with the U.S. government D for a product or service D Qualifier e type/source of the descriptive number (234) Commercial and Government Entity (A code that identifies a commercial control of the descriptive number (234) Commercial and Government Entity (A code that identifies a commercial control of the descriptive number (234) 	used cAG ontrate ent X used CAG	in ed in th E) Cod or auth AN ID in E) Cod	e next e orized 1/40 2/2 e
PO123	234	 Product/Service II Code identifying th Product/Service ID MG ZB Product/Service II Identifying number Product/Service II Code identifying th Product/Service ID ZB 	 D Qualifier e type/source of the descriptive number (234) Manufacturer's Part Number The manufacturer's CAGE code will b 235/234 pair identified with code ZB. Commercial and Government Entity (A code that identifies a commercial co to do business with the U.S. government D Qualifier e type/source of the descriptive number (234) Commercial and Government Entity (A code that identifies a commercial control of the descriptive number (234) Commercial and Government Entity (A code that identifies a commercial control of the descriptive number (234) 	used cAG ontrate ent X used CAG	in E) Cod or auth AN ID in E) Cod or auth	e next e orized 1/40 2/2 e
PO123 PO124	234 235	Product/Service II Code identifying th Product/Service ID MG ZB Product/Service II Identifying number Product/Service II Code identifying th Product/Service ID ZB Product/Service II	 D Qualifier e type/source of the descriptive number (234) Manufacturer's Part Number The manufacturer's CAGE code will b 235/234 pair identified with code ZB. Commercial and Government Entity (A code that identifies a commercial co to do business with the U.S. government D Qualifier e type/source of the descriptive number (234) Commercial and Government Entity (A code that identifies a commercial control of the descriptive number (234) Commercial and Government Entity (A code that identifies a commercial control of the descriptive number (234) 	used cAG ontrate ent X used CAG ontrate ent	in ed in th E) Cod or auth AN ID in E) Cod	e next e orized 1/40 2/2 e orized

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:	 Some examples of price/quantity variations are: price in different units from the PO1 segment, price changes by date, or price changes by quantity (break and level). PO307 defines the unit of measure for PO306. 					

	Ref.	Data	Duta Element Summary			
	Des.	Element	Name	Att	ribute	s
>>	PO301	371	Change Reason Code	Μ	ID	2/2
			Code specifying the reason for price or quantity change			
			AQ Alternate Quantity and Unit of Measu	ire		
Χ	PO302	373	Date	0	DT	6/6
			Date (YYMMDD)			
Х	PO303	236	Price Identifier Code	Х	ID	3/3
			Code identifying pricing specification			
			Refer to 003050 Data Element Dictionary for acceptable co	ode va	lues.	
Х	PO304	212	Unit Price	0	R	1/17
			Price per unit of product, service, commodity, etc.			
Χ	PO305	639	Basis of Unit Price Code	Х	ID	2/2
			Code identifying the type of unit price for an item			
			Refer to 003050 Data Element Dictionary for acceptable co	ode va	lues.	
>>	PO306	380	Quantity	\mathbf{M}	R	1/15
			Numeric value of quantity			
>>	PO307	355	Unit or Basis for Measurement Code	Μ	ID	2/2
			Code specifying the units in which a value is being express	sed, or	mann	er in
			which a measurement has been taken			
			Refer to 003050 Data Element Dictionary for acceptable co	ode va	lues.	
Х	PO308	352	Description	0	AN	1/80
			A free-form description to clarify the related data elements	and the	heir co	ntent

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.

	Ref.	Data	Data Element Summary			
	Des.	Element	Name	Att	ribute	s
Χ	MEA01	737	Measurement Reference ID Code	0	ID	2/2
			Code identifying the broad category to which a measureme	nt app	plies	
			Refer to 003050 Data Element Dictionary for acceptable co	ode va	alues.	
	MEA02	738	Measurement Qualifier	0	ID	1/3
			Code identifying a specific product or process characteristic	c to w	which a	L
			measurement applies			
			PO Percent of Order (-, +)			
			Expression of allowable variance of o either as absolute (for example 92% to		-	sed
			relative percent (for example - 8% to	+ 10%	6)	
			Indicates the variation of quantity per			
			as a percent of the quantity ordered. T and/or over is specified in MEA05/06		ercent	under
X	MEA03	739	Measurement Value	X	R	1/20
			The value of the measurement			
	MEA04	C001	Composite Unit of Measure	Х		
			To identify a composite unit of measure(See Figures Appen	ndix f	or exa	mples of
	C00101	255	use.)		ID	2/2
>>	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being express	M ad or	ID r mann	2/2
			which a measurement has been taken	cu, oi	mann	
			P1 Percent			
X	C00102	1018	Exponent	0	R	1/15
			Power to which a unit is raised			
X	C00103	649	Multiplier	0	R	1/10
			Value to be used as a multiplier to obtain a new value			
X	C00104	355	Unit or Basis for Measurement Code	0	ID	2/2
			Code specifying the units in which a value is being express which a measurement has been taken	ed, of	r mann	ier in
			Refer to 003050 Data Element Dictionary for acceptable co	ode va	lues.	
X	C00105	1018	Exponent	0	R	1/15
	000100	1010	Power to which a unit is raised	U		2,20
X	C00106	649	Multiplier	0	R	1/10
			Value to be used as a multiplier to obtain a new value			
Х	C00107	355	Unit or Basis for Measurement Code	0	ID	2/2
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			Code specifying the units in which a value is being expre which a measurement has been taken			er in
V	000100	1010	Refer to 003050 Data Element Dictionary for acceptable			1/15
X	C00108	1018	Exponent Power to which a unit is raised	0	R	1/15
	G00400	(10		0	n	4 14 0
X	C00109	649	Multiplier	0	R	1/10
	~~~~		Value to be used as a multiplier to obtain a new value	0		- /-
X	C00110	355	Unit or Basis for Measurement Code	0	ID	2/2
			Code specifying the units in which a value is being expre which a measurement has been taken	ssed, of	mann	er m
			Refer to 003050 Data Element Dictionary for acceptable	code va	lues	
X	C00111	1018	• •	0	R R	1/15
Λ	COUTT	1018	<b>Exponent</b> Power to which a unit is raised	U	ĸ	1/15
X	C00112	649		0	R	1/10
Λ	C00112	049	Multiplier Value to be used as a multiplier to obtain a part value	U	ĸ	1/10
V	000112	255	Value to be used as a multiplier to obtain a new value	0	т	2/2
X	C00113	355	Unit or Basis for Measurement Code	0	ID	2/2
			Code specifying the units in which a value is being expre which a measurement has been taken	ssed, of	mann	er m
			Refer to 003050 Data Element Dictionary for acceptable	code vs	lues	
X	C00114	1018				1/15
Λ	C00114	1018	<b>Exponent</b> Power to which a unit is raised	0	R	1/15
<b>N</b> 7	C00115	(40		0	ъ	1/10
X	C00115	649	Multiplier	0	R	1/10
		- 10	Value to be used as a multiplier to obtain a new value		n	1 10 0
	MEA05	740	Range Minimum	X	R	1/20
			The value specifying the minimum of the measurement ra	ange		
			1. Specifies the variation in quantity under.			
			2. Percents will be cited as follows: 4.25% will be cited	as 4.25;	3% w	ill be
		- 41	cited as 3 (leading and trailing zeros are suppressed).	87	D	1/20
	MEA06	741	Range Maximum	Х	R	1/20
			The value specifying the maximum of the measurement r	ange		
			1. Specifies the variation in quantity over.			
			2. Percents will be cited as follows: 4.25% will be cited	as 4.25;	3% w	ill be
			cited as 3 (leading and trailing zeros are suppressed).	0	ID	<b>a</b> / <b>a</b>
X	MEA07	935	Measurement Significance Code	0	ID t	2/2
			Code used to benchmark, qualify or further define a meas			e
			Refer to 003050 Data Element Dictionary for acceptable			
			Measurement Attribute Code	Х	ID	2/2
X	MEA08	936				
X	MEA08	936	Code used to express an attribute response when a numer			
X	MEA08	936	Code used to express an attribute response when a numer cannot be determined	ic meas	ureme	
			Code used to express an attribute response when a numer cannot be determined Refer to 003050 Data Element Dictionary for acceptable	ic meas	ureme lues.	nt value
X X	MEA08 MEA09	936 752	Code used to express an attribute response when a numer cannot be determined Refer to 003050 Data Element Dictionary for acceptable <b>Surface/Layer/Position Code</b>	ic meas code va O	ureme lues. <b>ID</b>	nt value 2/2
			Code used to express an attribute response when a numer cannot be determined Refer to 003050 Data Element Dictionary for acceptable <b>Surface/Layer/Position Code</b> Code indicating the product surface, layer or position that	ic meas code va O t is beir	ureme ilues. ID ig desc	nt value 2/2
X	MEA09	752	Code used to express an attribute response when a numer cannot be determined Refer to 003050 Data Element Dictionary for acceptable <b>Surface/Layer/Position Code</b> Code indicating the product surface, layer or position tha Refer to 003050 Data Element Dictionary for acceptable	ic meas code va O t is beir code va	ureme ilues. ID ig desc ilues.	nt value 2/2 cribed
			Code used to express an attribute response when a numer cannot be determined Refer to 003050 Data Element Dictionary for acceptable <b>Surface/Layer/Position Code</b> Code indicating the product surface, layer or position tha Refer to 003050 Data Element Dictionary for acceptable <b>Measurement Method or Device</b>	ic meas code va O t is beir	ureme ilues. ID ig desc	nt value 2/2
X	MEA09	752	Code used to express an attribute response when a numer cannot be determined Refer to 003050 Data Element Dictionary for acceptable <b>Surface/Layer/Position Code</b> Code indicating the product surface, layer or position tha Refer to 003050 Data Element Dictionary for acceptable	ic meas code va O t is beir code va	ureme ilues. ID ig desc ilues.	nt value 2/2 cribed

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.
	<b>3</b> If PID07 is present, then PID03 is required.
	4 If PID08 is present, then PID03 is required.
Semantic Notes:	<b>1</b> 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.
	<b>3</b> 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.
<b>Comments:</b>	1 If $PID01 = F''$ , then $PID05$ is used. If $PID01 = S''$ , then $PID04$ is used. If $PID01 = PID01 = S''$ , then $PID04$ is used. If $PID01 = S''$ , then $PID04$ is used. If $PID01 = S''$ , then $PID04$ is used. If $PID01 = S''$ , then $PID04$ is used. If $PID01 = S''$ , then $PID04$ is used. If $PID01 = S''$ , then $PID04$ is used. If $PID01 = S''$ , then $PID04$ is used. If $PID01 = S''$ , then $PID04$ is used. If $PID01 = S''$ , then $PID04$ is used. If $PID01 = S''$ , then $PID04$ is used. If $PID01 = S''$ , then $PID04$ is used. If $PID01 = S''$ , then $PID04$ is used. If $PID01 = S''$ , then $PID04$ is used. If $PID01 = S''$ , then $PID04$ is used. If $PID01 = S''$ , then $PID04$ is used. If $PID01 = S''$ , then $PID04$ is used. If $PID01 = S''$ , then $PID04$ is used. If $PID01 = S''$ , then $PID04$ is used. If $PID01 = S''$ , then $PID04$ is used. If $PID01 = S''$ , then $PID04$ is used. If $PID04$ is u
	``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.
	<b>3</b> PID07 specifies the individual code list of the agency specified in PID03.

**Data Element Summary** Ref. Data Element Des. Name Attributes 349 **PID01 Item Description Type** >> Μ ID 1/1 Code indicating the format of a description F Free-form Х 750 **Product/Process Characteristic Code PID02** 0 ID 2/3 Code identifying the general class of a product or process characteristic Refer to 003050 Data Element Dictionary for acceptable code values. 559 Х PID03 **Agency Qualifier Code** ID Х 2/2Code identifying the agency assigning the code values Refer to 003050 Data Element Dictionary for acceptable code values. Х **PID04** 751 **Product Description Code** AN 1/12 Х A code from an industry code list which provides specific data about a product characteristic **PID05** 352 Description Х AN 1/80 A free-form description to clarify the related data elements and their content Х 752 Surface/Laver/Position Code PID06 0 ID 2/2Code indicating the product surface, layer or position that is being described Refer to 003050 Data Element Dictionary for acceptable code values. Х PID07 822 Source Subqualifier 0 AN 1/15 A reference that indicates the table or text maintained by the Source Qualifier Х **PID08** 1073 Yes/No Condition or Response Code ID 1/1 0 Code indicating a Yes or No condition or response Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	<ul> <li>PKG Marking, Packaging, Loading</li> <li>080</li> <li>PO1</li> <li>Detail</li> <li>Optional</li> <li>200</li> <li>To describe marking, packaging, loading, and unloading requirements</li> <li>1 At least one of PKG04 PKG05 or PKG06 is required.</li> <li>2 If PKG04 is present, then PKG03 is required.</li> <li>3 If PKG05 is present, then PKG01 is required.</li> <li>1 PKG04 should be used for industry-specific packaging description codes.</li> <li>1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.</li> <li>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.</li> <li>3 Use PKG03 to indicate the organization that publishes the code list being referred to.</li> <li>4 Special marking or tagging data can be given in PKG05 (description).</li> <li>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</li> </ul>							
	of a unit	container or an inte	ermediate container, is carried in th	e 2/PO4/090	) segm	ent.		
		Data Ele	ment Summary					
Ref.	Data Flomont	Nomo		A ++	mihuta			
<u>Des.</u> PKG01	Element 349	<u>Name</u> Item Description	Type	Au X	<u>ribute</u> ID	<u>:s</u> 1/1		
PKG02	753	Code indicating the Refer to 003050 I <b>Packaging Char</b>	he format of a description Data Element Dictionary for accept	able code va	alues. ID	1/5		
PKG03	559		the agency assigning the code value		ID alues.	2/2		
PKG04	754	Refer to 003050 Data Element Dictionary for acceptable code values.         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       1. 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).         2. When the offeror is to select the appropriate requirement or method						
			and appropriate requi					

<ul> <li>3. Insert "Z" or "ZZ" (dependent on the number of positions in the code) to indicate that supplementary or special requirements apply to a packaging characteristic which are not represented by a code listed in MIL-STD- 2073-2C. Use PKG05 to provide the supplemental or special requirement information.</li> <li>4. When the requirement associated with a packaging characteristic code is included as part of the requirements defined for the preservation method code, insert either "X" or "XX" (dependent on the number of positions in the code).</li> <li>5. Whenever a code used in PKG04 requires an explanation or additional information, provide it in PKG05.</li> <li>PKG05 352 Description X AN 1/80 A free-form description to clarify the related data elements and their content Use to provide Supplemental Instructions or Special Packaging Instructions.</li> <li>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.</li> </ul>				associated with a packaging characteristic code, insert "Y" or "YY" (d on the number of positions in the code).					
PKG05352DescriptionXAN1/80XPKG06400Unit Load Option CodeXID2/2				indicate that supplementary or special requirements apply to a packag characteristic which are not represented by a code listed in MIL-STD- 2C. Use PKG05 to provide the supplemental or special requirement					
PKG05352DescriptionXAN1/80A free-form description to clarify the related data elements and their contentUse to provide Supplemental Instructions or Special Packaging Instructions.XPKG06400Unit Load Option Code Code identifying loading or unloading a shipmentXID2/2				<ul><li>included as part of the requirements defined for the preservation method code, insert either "X" or "XX" (dependent on the number of positions in the code).</li><li>5. Whenever a code used in PKG04 requires an explanation or additional</li></ul>					
XPKG06400Use to provide Supplemental Instructions or Special Packaging Instructions.XPKG06400Unit Load Option Code Code identifying loading or unloading a shipment		PKG05	352		X	AN	1/80		
XPKG06400Unit Load Option Code Code identifying loading or unloading a shipmentXID2/2				A free-form description to clarify the related data elements a	and t	heir co	ntent		
Code identifying loading or unloading a shipment				Use to provide Supplemental Instructions or Special Packag	ing l	instruct	tions.		
	X	PKG06	400	Code identifying loading or unloading a shipment			2/2		

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.
	<b>3</b> 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:	
<b>Comments:</b>	<b>1</b> 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 $355 = OZ$ .
<b>N</b> T (	<b>2</b> PO413 defines the unit of measure for PO410, PO411, and PO412.
Notes:	Use this segment to specify the weight, cube, or dimensions of the unit or intermediate
	pack, or the unit pack quantity or intermediate container quantity; to indicate that
	palletized loads are required; or to indicate that shrink wrap is required. To specify the unit pack quantity, use PO401 and PO404 (code UNT). If there are 50 pairs in a unit
	container, PO401 would cite 50 and PO404 (code ON1). If there are 50 pairs in a unit container, PO401 would cite 50 and PO404 would cite code UNT. The number of unit
	containers in an intermediate container would be carried in PO414. If only the quantity
	per intermediate container is required, use code INT in PO404 and cite the quantity in
	PO414.
	1,111,

			Data E	Jement Summary						
	Ref.	Data								
	Des.	<u>Element</u>	<u>Name</u>		Att	<u>Attributes</u>				
	PO401	356	Pack		0	N0	1/6			
			Number of inne	er pack units per outer pack unit						
			1. Use to identi	Use to identify the unit pack quantity.						
			2. Cite the num code BLK).	2. Cite the number 777777 to indicate a bulk quantity (MIL-STD 2073-2C code BLK).						
				. Cite the number 8888888 to indicate "Packager's option as long as all other equirements are met" (MIL-STD 2073-2C code YYY).						
				4. Cite the number 9999999 to indicate "Special requirements - refer to supplemental data, special instructions or drawings provided" (MIL-STD 2073-2C code ZZZ)						
X	PO402	357	Size Size of supplier	units in pack	Х	R	1/8			
X	PO403	355	Code specifyin which a measure	<b>for Measurement Code</b> g the units in which a value is being ex rement has been taken D Data Element Dictionary for accepta	-		2/2 er in			
	PO404	103	Packaging Co	le	0	AN	3/5			
				Code identifying the type of packaging; Part 1: Packaging Form, I Packaging Material			:			
			UNT	Unit			1007			
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X	PO405	187	Weight Qualifier Code defining the type of weight	0	ID	1/2		
			Refer to 003050 Data Element Dictionary for acceptable cod	e va	lues.			
X	PO406	384	Gross Weight per Pack Numeric value of gross weight per pack	X	R	1/9		
X	PO407	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable cod			2/2 er in		
X	PO408	385	Gross Volume per Pack Numeric value of gross volume per pack	X	R	1/9		
X	PO409	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable cod			2/2 er in		
X	PO410	82	<b>Length</b> Largest horizontal dimension of an object measured when the upright position	X e ob	<b>R</b> oject is	1/8 in the		
X	PO411	189	Width Shorter measurement of the two horizontal dimensions meas object in the upright position	X urec	<b>R</b> l with	1/8 the		
X	PO412	65	<b>Height</b> Vertical dimension of an object measured when the object is position	X in ti	<b>R</b> he upr	<b>1/8</b> ight		
X	PO413	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable cod			2/2 er in		
	PO414	810	Inner Pack	0	NO	1/6		
			Number of units in each selling pack					
			1. Use to specify the quantity of unit containers in an interme	edia	te cont	ainer.		
			2. Cite the number 666666 to indicate "See appendix B, MIL-STD 2073-1B" (MIL-STD 2073-2C code AAA).					
			3. Cite the number 777777 to indicate "See method of preservation" (MIL-STD 2073-2C code XXX).					
			4. Cite the number 888888 to indicate "Packer's option as long as all other requirements are met" (MIL-STD 2073-2C code YYY).					

## **REF** Reference Numbers

Segment:	<b>REF</b> Reference Numbers
Position:	100
Loop:	PO1
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying numbers.
Syntax Notes:	<b>1</b> At least one of REF02 or REF03 is required.
Semantic Notes:	
<b>Comments:</b>	

	Ref.	Data		·	• • •		
	Des.	<u>Element</u>	<u>Name</u>	0.114		ribute	-
>>	REF01	128	Reference Number	-	Μ	ID	2/2
			Code qualifying the				
			2E	Foreign Military Sales Case Number			
				A reference number designating the fo sale records	reign	milita	ry
			DG	Drawing Number			
			IL	Internal Order Number			
				Requisition Number			
			NI	Military Standard (MIL-STD) Number	r		
			P4	Project Code			
			PH	Priority Rating			
			RQ	Purchase Requisition No.			
			S2	Military Specification Number (MILS)	PEC)		
			<b>S</b> 3	Specification Number			
				Identifies a specification number other SPEC. When used, the specification v in REF03.			
			XE	Transportation Priority Number			
				Number indicating the level of govern associated with the transportation of a		-	У
			ZZ	Mutually Defined	-		
	REF02	127	<b>Reference Number</b>		Х	AN	1/30
				r identification number as defined for a as specified by the Reference Number Q			
	REF03	352	Description		Х	AN	1/80
			A free-form descript	tion to clarify the related data elements	and tl	neir co	ntent

Segment:	LDT Lead Time
Position:	302
Loop:	LDT
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify lead time for availability of products and services
Syntax Notes:	
Semantic Notes:	<b>1</b> LDT04 is the effective date of lead time information.
<b>Comments:</b>	<b>1</b> LDT02 is the quantity of unit of time periods.

			Data Elem	ient Summary			
	Ref.	Data					
	Des.	<u>Element</u>	<u>Name</u>		Att	ributes	<u>s</u>
>>	LDT01	345	Lead Time Code		Μ	ID	2/2
			Code indicating the	e time range			
			AY	From Date of Award to Date of Delive	ery		
>>	LDT02	380	Quantity		Μ	R	1/15
			Numeric value of q	uantity			
>>	LDT03	344	Unit of Time Perio	od or Interval	Μ	ID	2/2
			Code indicating the	e time period or interval			
			DA	Calendar Days			
Χ	LDT04	373	Date		0	DT	6/6
			Date (YYMMDD)				

Segment:	N9 Reference Number
Position:	320
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:	<ol> <li>At least one of N902 or N903 is required.</li> <li>If N906 is present, then N905 is required.</li> </ol>
Semantic Notes: Comments:	1 N906 reflects the time zone which the time reflects.

#### **Data Element Summary** Ref. Data **Attributes** Des. **Element** Name **Reference Number Qualifier** ID N901 128 Μ 2/2>> Code qualifying the Reference Number. KΥ Special Instructions Number Х N902 127 **Reference Number** Х 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** Х AN 1/45 Free-form descriptive text Х N904 373 Date DT 6/6 0 Date (YYMMDD) Х N905 337 Time Х 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 secondsare expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)Х N906 623 **Time Code** ID 0 2/2Code 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:	330
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:	<b>1</b> MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

	Ref.	Data				
	Des.	<u>Element</u>	Name	Att	ribute	<u>s</u>
>>	MSG01	933	Free-Form Message Text	Μ	AN	1/264
			Free-form message text			
			<ol> <li>Information on the batch quoting format can be fo Quoting Help" topic of the "Help" section found a <u>https://www.dibbs.bsm.dla.mil/</u></li> </ol>		nder th	e "Batch
	MSG02	934	Printer Carriage Control Code	0	ID	2/2
			A field to be used for the control of the line feed of the rece	eiving	, printe	r
			Refer to 003050 Data Element Dictionary for acceptable co	ode va	lues.	

Segment:	N1 _{Name}
Position:	340
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.

	Ref.	Data	Data Elem	nent Summary			
	Des.	Element	Name		A #1	ribute	e.
>>	N101	<u>98</u>	Entity Identifier (	`ode	M	ID ID	<u>2/2</u>
		70		n organizational entity, a physical location			_/ _
			31	Postal Mailing Address	, -		
			01	Provides the Parcel Post address wher	diff	erent fr	om
				the Freight shipping address.	i univ		om
			ST	Ship To			
			Z7	Mark-for Party			
				The party for whom the needed mater	ial is	intende	ed
	N102	93	Name	1 2	X	AN	1/35
			Free-form name				
	N103	66	Identification Cod	le Oualifier	х	ID	1/2
				he system/method of code structure used	for 1	dentifi	cation
			Code (67)		. 101 1	aontin	cution
			10	Department of Defense Activity Addr	ess C	ode	
				(DODAAC)			
	N104	67	Identification Cod	le	Х	AN	2/20
			Code identifying a	party or other code			
Χ	N105	706	Entity Relationshi	ip Code	0	ID	2/2
			Code describing en	tity relationship			
			Refer to 003050 Da	ata Element Dictionary for acceptable co	de va	alues.	
Χ	N106	98	Entity Identifier (	Code	0	ID	2/2
			Code identifying an	n organizational entity, a physical location	on, or	an ind	ividual
			Refer to 003050 Da	ata Element Dictionary for acceptable co	de va	alues.	
				· •			

Segment:	${ m N2}$ Additional Name Information
<b>Position:</b>	350
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:	
<b>Comments:</b>	

			Data Element Summary			
	Ref.	Data				
	Des.	<u>Element</u>	Name	At	tribute	<u>s</u>
>>	N201	93	Name	Μ	AN	1/35
			Free-form name			
	N202	93	Name	0	AN	1/35
			Free-form name			

 $N3\,$  Address Information Segment: **Position:** 360 Loop: N1 Level: Detail Usage: Optional Max Use: Purpose: 2 To specify the location of the named party Syntax Notes: Semantic Notes: **Comments:** 

			Data Element Summary			
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>	Att	ributes	<u>s</u>
>>	N301	166	Address Information Address information	Μ	AN	1/35
	N302	166	Address Information Address information	0	AN	1/35

Segment:	N4 Geographic Location
Position:	370
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:	
<b>Comments:</b>	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
Max Use: Purpose: Syntax Notes: Semantic Notes:	<ol> <li>To specify the geographic place of the named party</li> <li>If N406 is present, then N405 is required.</li> <li>A combination of either N401 through N404, or N405 and N406 may be adequate to</li> </ol>

2 N402 is required only if city name (N401) is in the USA or Canada.

		Data Elem	ent Summary			
Ref.	Data					
Des.	<u>Element</u>	<u>Name</u>		Att	ribute	<u>S</u>
N401	19	City Name		0	AN	2/30
		Free-form text for c	ity name			
N402	156	State or Province (	Code	0	ID	2/2
		Code (Standard Stat	te/Province) as defined by appropriate g	goveri	nment a	agency
N403	116	Postal Code		0	ID	3/11
		Code defining interr (zip code for United	national postal zone code excluding pur l States)	nctuat	ion and	l blanks
N404	26	<b>Country Code</b>		0	ID	2/3
		Code identifying the	e country			
N405	309	Location Qualifier		Х	ID	1/2
		Code identifying typ	pe of location			
		AR	Armed Services Location Designation	ı		
			Indicates an Army Post Office (APO) Office (FPO).	or Fl	eet Pos	t
N406	310	Location Identifier	•	0	AN	1/30
		Code which identifi	es a specific location			
		When N405 is AR, AA - Miami AE - New York AP - San Francis	this element provides the two letter AP	O or I	FPO id	entifier.

### Segment: **CTT** Transaction Totals

Segment:	<b>C</b> I I 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:	<b>1</b> This segment is intended to provide hash totals to validate transaction completeness and correctness.

			Data Element Summary					
	Ref.	Data						
	Des.	<u>Element</u>	Name		ribute			
>>	CTT01	354	Number of Line Items	Μ	N0	1/6		
			Total number of line items in the transaction set					
			Identifies the number of PO1 segments contained in this transaction set.					
	CTT02	347	Hash Total	0	R	1/10		
			Sum of values of the specified data element. All values in	the da	ta elen	nent will		
			be summed without regard to decimal points (explicit or in					
			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.					
			Examples					
			Example:					
			0018 First occurrence of value being hashed18 Second	d occur	rrence	of value		
			being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth					
			occurrence of value being hashed 1855 Hash total					
			855 Hash total after truncation to three-digit field.					
			This is the sum of the quantities (PO102) for all of the PO	1 segn	nents.			
X	CTT03	81	Weight	Х	R	1/10		
			Numeric value of weight					
Χ	<b>CTT04</b>	355	Unit or Basis for Measurement Code	Х	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.					
Х	CTT05	183	Volume	Х	R	1/8		
			Value of volumetric measure					
Х	CTT06	355	Unit or Basis for Measurement Code	Х	ID	2/2		
			Code specifying the units in which a value is being express	sed, or	r mann	er in		
			which a measurement has been taken					
			Refer to 003050 Data Element Dictionary for acceptable of	ode va				
X	СТТ07	352	Description	0	AN	1/80		
			A free-form description to clarify the related data elements and their content					

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:	
<b>Comments:</b>	<b>1</b> SE is the last segment of each transaction set.

	Ref.	Data						
	Des.	<b>Element</b>	<u>Name</u>	<b>Attributes</b>				
>>	<b>SE01</b>	96	Number of Included Segments	Μ	N0	1/10		
			Total number of segments included in a transaction set including ST and SE					
			segments					
>>	SE02	329	Transaction Set Control Number	Μ	AN	4/9		
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set					