

NIST PUBLICATIONS

**NIST Special Publication 881-54** 



# Federal Implementation Guideline for Electronic Data Interchange

# ASC X12 003040 Transaction Set 840 Request for Quotation (Revision 1)

# **Implementation Convention**



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

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<sup>1</sup>At Boulder, CO 80303.

#### <sup>2</sup>Some elements at Boulder, CO.

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## **Implementation Convention**

Electronic Commerce Acquisition Program Management Office Standard Management Committee - Secretariat National Institute of Standards and Technology Gaithersburg, MD 20899-0001

Editor: Dr. Jean-Philippe Favreau

January 1998



U.S. DEPARTMENT OF COMMERCE William M. Daley, Secretary

Technology Administration Gary R. Bachula, Acting Under Secretary for Technology

National Institute of Standards and Technology Raymond G. Kammer, Director

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

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## 840 Request for Quotation

## Functional Group ID=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.

#### Notes:

1. Use this transaction set to solicit quotations for federal government small purchases, or to amend, cancel or reissue a solicitation.

2. In this convention, the terms solicit and quote are used generically and can encompass such other terms as IFB and bid; RFP and proposal.

3. Use, if available, segments in table 1 when the solicitation contains one line item or multiple line items and the data applies to all line items. Use the corresponding segment in table 2 when the solicitation contains multiple line items and the data varies among the line items.

#### Heading:

Must Use	<b>Pos.</b> <u>No.</u> 010	Seg. <u>ID</u> ST	<u>Name</u> Transaction Set Header	Req. <u>Des.</u> M	<u>Max.Use</u> l	Loop <u>Repeat</u>	Notes and <u>Comments</u>
Must Use	020	BQT	Beginning Segment for Request For Quotation	М	1		
	030	NTE	Note/Special Instruction	F	100		
	040	CUR	Currency	0	1		
	050	REF	Reference Numbers	Ο	12		
	060	PER	Administrative Communications Contact	Ο	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	Ι		
	110	CSH	Header Sale Condition	0	1		
	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	Ο	10		
	160	LDT	Lead Time	0	12		
Not Used	180	LIN	Item Identification	0	5		n I
	190	PID	Product/Item Description	0	200		
	200	MEA	Measurements	Ο	40		
	210	PWK	Paperwork	0	25		
	220	PKG	Marking, Packaging, Loading	Ο	200		
Not Used	230	TDI	Carrier Details (Quantity and Weight)	0	2		
	240	TD5	Carrier Details (Routing Sequence/Transit Time)	0	12		
Not Used	250	TD3	Carrier Details (Equipment)	0	12		

	260	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	0	5	
	270	MAN	Marks and Numbers	Ο	10	
	280	RRA	Required Response	0	25	
			LOOP ID - N9			1000
	290	N9	Reference Number	0	1	tanin (aadda.ada, ammanada)), filinailintaadi daa
	300	MSG	Message Text	Ο	1000	
			LOOP ID - NI			10000
Must Use	310	N1	Name	Ò	ĩ	zois enikliikki, menetteki kiriklekkiitäänkkiikiitään
	320	N2	Additional Name Information	0	2	
	330	N3	Address Information	0	2	
	340	N4	Geographic Location	0	1	
	350	REF	Reference Numbers	0	12	
	360	PER	Administrative Communications Contact	О	3	
Not Used	370	FOB	F.O.B. Related Instructions	О	1	
Not Used	380	TD1	Carrier Details (Quantity and Weight)	Ο	2	
	390	TD5	Carrier Details (Routing Sequence/Transit Time)	Ο	12	
Not Used	400	TD3	Carrier Details (Equipment)	Ο	12	
Not Used	410	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	0	5	
Not Used	420	PKG	Marking, Packaging, Loading	О	200	
Not Used	430	RRA	Required Response	0	25	

## Detail:

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	<u>Max.Use</u>	Loop <u>Repeat</u>	Notes and <u>Comments</u>
			LOOP ID - PO1			100000	and the second
Must Use	010	PO1	Baseline Item Data	М	1		
Not Used	020	CUR	Currency	0	1		
	030	PO3	Additional Item Detail	Ο	25		
	040	СТР	Pricing Information	0	1		
	049	MEA	Measurements	0	40		
			LOOP ID - PID			1000	
	050	P1D	Product/Item Description	0	*** <u>1</u>	<ol> <li>Altrastational appendix from the</li> </ol>	tanihitan manana tina an filipita ing katalan katalan katalan katalan katalan katalan katalan katalan katalan k
Not Used	060	MEA	Measurements	0	10		
	070	PWK	Paperwork	0	25		
	080	PKG	Marking, Packaging, Loading	0	200		
	090	PO4	Item Physical Details	О	1		
	100	REF	Reference Numbers	0	12		
	110	PER	Administrative Communications Contact	О	3		
	130	SAC	Service, Promotion, Allowance, or Charge Information	0	25		
	140	IT8	Conditions of Sale	0	1		
Not Used	150	ITD	Terms of Sale/Deferred Terms of Sale	0	2		
Not Used	160	DIS	Discount Detail	О	20		
Not Used	170	TAX	Tax Reference	О	3		
	180	FOB	F.O.B. Related Instructions	О	1		
	190	SDQ	Destination Quantity	О	50		
	200	DTM	Date/Time Reference	О	10		
	220	SCH	Line Item Schedule	О	104		n2

Not Used	230	FST	Forecast Schedule	0	>1		
Not Used	240	TD1	Carrier Details (Quantity and Weight)	0	1		
	250	TD5	Carrier Details (Routing Sequence/Transit	0	12		
NT . TT 1			Time)		10		
Not Used	260	TD3	Carrier Details (Equipment)	0	12		
	270	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	0	5		
	280	MAN	Marks and Numbers	0	10		
	290	RRA	Required Response	0	25		
	295	MSG	Message Text	0	1000		
			LOOP ID - LDT			>1	
	298	LDT	Lead Time	0	1		
	299	QTY	Quantity	Ο	>1		
			LOOP ID - SLN			1000	
Not Used	300	SLN	Subline Item Detail	0	1		
Not Used	310	PID	Product/Item Description	0	1000		
			LOOP ID - N9			1000	Ξ
	320	N9	Reference Number	0	1		
	330	MSG	Message Text	0	1000		
			LOOP ID - NI			200	
	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	390	PER	Administrative Communications Contact	0	3		
Not Used	400	FOB	F.O.B. Related Instructions	0	1		
	405	SCH	Line Item Schedule	0	200		
Not Used	410	TDI	Carrier Details (Quantity and Weight)	0	2		
	420	TD5	Carrier Details (Routing Sequence/Transit Time)	Ο	12		
Not Used	430	TD3	Carrier Details (Equipment)	0	12		
Not Used	440	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	0	5		
Not Used	450	PKG	Marking, Packaging, Loading	Ο	200		
Not Used	460	RRA	Required Response	О	25		
Not Used	465	CTP	Pricing Information	О	1		
Not Used	470	LDT	Lead Time	Ο	100		
Not Used	480	MAN	Marks and Numbers	0	10		
Not Used	490	QTY	Quantity	Ο	5		

## Summary:

	Pos.	Seg.		Req.		Loop	Notes and
	No.	<u>ID</u>	Name	Des.	Max.Use	<u>Repeat</u>	<u>Comments</u>
Must Use	010	CTT	Transaction Totals	М	Ι		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.
- 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.

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:

	Rei.	Data				
	Des.	<b>Element</b>	Name	Att	<u>ributes</u>	
Must Use	ST01	143	Transaction Set Identifier Code	$\mathbf{M}$	ID 3/3	
			Code uniquely identifying a Transaction Set			
			840 X12.7 Request for Quotation			
Must Use	ST02	329	Transaction Set Control Number	$\mathbf{M}$	AN 4/9	
			Identifying control number that must be unique within the	e transa	ction set	
			functional group assigned by the originator for a transacti	ion set		
			Use to identify a unique number assigned by the original	tor of the	he transaction	
			set. This number may be system generated.			

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:		identifyin 1 If BO ASC XI2 contract Award F	ry ate the beginning of a Request for Quotation Tran ing numbers and dates QT05 is present, then BQT04 is required. At has been asked to add data elements to the BQ type (in terms of its pricing arrangement, e.g., F fee, etc.), security classification, and type of produces to be available for use in ASC	saction Set and transmit T segment that will carry the Firm Fixed Price, Cost Plus duct or service code. We
	Ref.	Data	Data Element Summary	
Must Use	Ref. <u>Des.</u> BQT01	Data <u>Element</u> 353	<u>Name</u> Transaction Set Purpose Code Code identifying purpose of transaction set	Attributes M ID 2/2
			1. Use code 00 to indicate an original solicitati	on.
			<ol> <li>Use code 01 to indicate the cancellation of a solicitation. Do not use when the solicitation is use code 17.</li> <li>Use code 02 to indicate an amended solicitation is contains only additions to a previously transmit.</li> <li>Use code 03 to indicate an amended solicitation is only deletions to a previously transmit.</li> <li>Use code 04 to indicate an amended solicitation of additions and deletions of a dditions and deletions to indicate an amended solicitation. This code is also used to indicate a transmitted solicitation has changed, e.g., the of quotes has changed. In effect, the old date is a added.</li> <li>Use code 14 to indicate the re-transmission of consolicitation.</li> <li>Use code 14 to indicate the transmission of consolicitation.</li> <li>Use code 14 to indicate the transmission of consolicitation.</li> <li>Use code 14 to indicate the transmission of consolicitation.</li> <li>Use code 14 to indicate the transmission of consolicitation.</li> <li>Use code 14 to indicate the transmission of consolicitation.</li> <li>Use code 14 to indicate the transmission of consolicitation.</li> <li>Use code 14 to indicate the transmission of consolicitation.</li> <li>Use code 22 to indicate the transmission of consolicitation.</li> </ol>	s to be reissued. In that case, tion, (BQT07 is code 06), that itted solicitation. ation, (BQT07 is code 06), that itted solicitation. tion, (BQT07 is code 06), that ons to a previously transmitted data in a previously transmitted closing date for receipt of leleted and the new date is of a previously transmitted complete or partial data i-invitation notice. This code roposed solicitation from
			<ul> <li>8. Use code 17 to cancel a previously transmitter solicitation is to be reissued. Otherwise use contransmitted solicitation.</li> <li>9. Use code 18 to indicate the reissue of a previous providence of the solicitation of the solicitation</li></ul>	de 01 to cancel a previously iously cancelled solicitation.

			with statistics when	ZZ to indicate a Commerce Busine.	ss Daily Anno	uncement.
			00	Original		
			01	Cancellation		
		,	02	Add		
			03	Delete		
			04	Change		
			07	Duplicate		
			14	Advance Notification		
			17	Cancel, to be Reissued		
			18	Reissue		
			ZZ	Mutually Defined		
Must Use	BQT02	586		Quote Reference Number and by the purchaser to identify his	M request for que	AN 1/45 ote
			the type of sol is code 02, 03	fy the unique number assigned to th licitation. If this is an amendment d, or 04 and BQT07 is code 06), the number will be concatenated.	to a solicitatio	n (e.g., BQTO
lust Use	BQT03	652	Request Quo	tation Control Date	M	DT 6/6
			Date to be use	ed for reference purposes in an RFQ	and a response	e to RFQ.
			codes 00,07 o announcemen	weither the date of the solicitation, ( $r 18$ ); the date of the advanced notion the transformed energy of the solution of the	fication or CB code ZZ); or t	D
Not Used	BQT04	374	Date/Time Q	e.g., when BQT01 is code 02, 03, 04 nolifier	<i>t or 17).</i> X	ID 3/3
tor Used	DQ104	374		ing type of date or time, or both date		ID 3/3
lot Used	BQT05	373	Date	ing type of date of time, of cour date	0	DT 6/6
or esta	DQ105	575	Date (YYMM	(DD)	0	D1 0/0
	BQT06	92		der Type Code	0	ID 2/2
	-			ng the type of Purchase Order		
				al and reissued solicitations to indic presented by this transaction set.	cate the type of	f procurement
			1. Use code N	IE to indicate a purchase order.		
				L to indicate releases, calls or deliv instruments, e.g., if soliciting quote 1.		
			3. Use code R	T to indicate a rental order.		
			a lease, purch the following contemplated. types of procu Contract, Bas Delivery Inde Indefinite Del and Letter Co Version/Relea approved, will	Z to indicate that a type of procurer hase order or delivery order is conten NTE segment to explain the type of A request has been submitted to A wrement instruments: Agreement, B sic Agreement, Basic Ordering Agree finite Quantity (IDIQ), Labor Hour livery Definite Quantity (IDDQ), Re- intract. We expect these codes to be ase 3050. A code for unpriced order I be available in a later version of the	mplated. Whe f contractual i. ISC X12 for th lanket Purcha eement, Grant, rs, Purchase G equirements, T e available in A r will be asked	en used, use nstrument ue following use Agreement Indefinite Order, Cask Order, ASC X12 I for and if
			LS	Lease		peddiriae y
			NE	New Order		
			RL	Release or Delivery Order		

		RT	An order for goods and services p existing contract or blanket order Rental	-	inst a pre-
		ZZ	Mutually Defined		
BQT07	960	Request for <b>Q</b>	Quote Type Code	0	ID 2/2
		Code specifyi	ng the type of request for quote		
		1. Use to iden	tify the type of solicitation.		
		X12; Request For Informati	or the following additional codes has be for Technical Proposal, Request For P. fon and Broad Announcement. We exp SC X12 Version/Release 3050.	riced Prop	oosal, Request
		ASC X12 has Announcemen Version/Relea	when BQT01 is code ZZ, indicating a C been requested to add a code indicating at. We expect that code to be available ase 3060. Use of the new code will be av ition of the federal implementation con	a CBD in ASC XI uthorized	12
		4. Use of code	01 is required when BQT01 is either c	ode 00, 01	, 07, 14, or 18.
		-	06 is required when BQT01 is either c	ode 0 <b>2, 03</b>	, 04 or 17.
		01	Request For Quote		
		03	Invitation for Bid		
		04	Request for Proposal		
		06	Amendment to Solicitation		

		_					
	Segment:	NTE	Note/Special Instruction				
	Position:	030					
	Loop:						
	Level:	Heading					
	Usage:	Floating					
	Max Use:	100					
	Purpose:		To transmit information in a free-form format, if necessary, for comment or special instruction				
	ax Notes: tic Notes:						
	omments:	stan	NTE segment permits free-form information/data which, und dard implementations, is not machine processable. The use of ld therefore be avoided, if at all possible, in an automated env	the N	VTE segment		
	Notes:	transmitt instruction 2. Must of	ot recommended. Use, only in those cases where no other m ting the data within the transaction set exists, to provide not ons in free-form text that are applicable to the entire solicita use only when BQT06 is code ZZ to identify the type of proc ont being contemplated.	es/spo tion.	ecial		
			Data Element Summary				
	Ref.	Data					
	Des.	<u>Element</u>	Name	Att	<u>ibutes</u>		
	NTE01	363	Note Reference Code	0	ID 3/3		
			Code identifying the functional area or purpose for which th	e not	e applies		
			Use any code. Use to identify the nature of the text carried	in N	TE02.		
			Refer to 003040 Data Element Dictionary for acceptable cod	le val	ues.		
Must Use	NTE02	3	Free Form Message Free-form text	М	AN 1/60		
			Must use when BQT06 is code ZZ to identify the type of co instrument contemplated.	ntrac	tual		

Segment:	CUR Currency
<b>Position:</b>	040
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:	1 If CUR08 is present, then CUR07 is required.
	2 If CUR09 is present, then CUR07 is required.
	3 If CUR11 is present, then CUR10 is required.
	4 If CUR12 is present, then CUR10 is required.
	5 If CUR14 is present, then CUR13 is required.
	6 If CUR15 is present, then CUR13 is required.
	7 If CUR17 is present, then CUR16 is required.
	8 If CUR18 is present, then CUR16 is required.
	9 If CUR20 is present, then CUR19 is required.
	10 If CUR21 is present, then CUR19 is required.
Semantic Notes:	
<b>Comments:</b>	1 See Figures Appendix for examples detailing the use of the CUR segment.
Notes:	Use to indicate that quotes may be received in a currency other than U.S. dollars. Do not use when quotes are to be received only in U.S. dollars. When used, one currency other than U.S. dollars must cited in CUR02. CUR05 may be used to cite a second,

## **Data Element Summary**

acceptable, currency.

Ref.	Data			
Des.	<u>Element</u>	Name	Att	<u>ributes</u>
CUR01	98	Entity Identifier Code	Μ	ID 2/2
		Code identifying an organizational entity, a physical loc	ation, or	an individual
		Use to indicate that a quoting party may quote in either currency cited in CUR02, CUR05, or both. C5 Party Submitting Quote	r U.S. do	ollars or a
		the party who ultimately performs received, or the entity may be subm	if an ord nitting th	er is e quote on
CUR02	100	Currency Code	Μ	ID 3/3
		Code (Standard ISO) for country in whose currency the	charges	are specified
		Use any code except the code for U.S. dollars.		and the second second
CUR03	280	Exchange Rate	0	R 4/6
		Value to be used as a multiplier conversion factor to conform one currency to another	ivert moi	netary value
CUR04	98	Entity Identifier Code	0	ID 2/2
		Code identifying an organizational entity, a physical loc	ation, or	an individual
<b>CUR05</b>	100	Currency Code	0	ID 3/3
		Code (Standard ISO) for country in whose currency the	charges a	are specified
		Use, if needed, to cite any code, except the code for U.S.	. dollars	
CUR06	669	- the second	0	ID 3/3
		· 0	change 1	
CUR07	374	Date/Time Qualifier	x	ID 3/3
		Code specifying type of date or time, or both date and tim	me	
<b>CUR08</b>	373	Date	0	DT 6/6
		Date (YYMMDD)		
	Des. CUR01 CUR02 CUR03 CUR04 CUR05 CUR06 CUR07	Des. CUR01Element 98CUR02100CUR03280CUR0498CUR05100CUR06669CUR07374	Des. CUR01Element 98Name Entity Identifier Code Code identifying an organizational entity, a physical loc Use to indicate that a quoting party may quote in either currency cited in CUR02, CUR05, or both. C5C5Party Submitting Quote A business entity submitting a quo the party who ultimately performs received, or the entity may be subm behalf of another entity who will p receivedCUR02100Currency Code Code (Standard ISO) for country in whose currency the Use any code except the code for U.S. dollars.CUR03280Exchange Rate Value to be used as a multiplier conversion factor to con from one currency to anotherCUR0498Entity Identifier Code Code identifying an organizational entity, a physical locCUR05100Currency Code Code identifying the market upon which the currency ex Currency Code Code identifying the market upon which the currency exCUR06669Currency Market/Exchange Code Code identifying the market upon which the currency exCUR08373Date	Des. CUR01Element 98NameAtt Curity Identifier CodeM M Code identifying an organizational entity, a physical location, or Use to indicate that a quoting party may quote in either U.S. do currency cited in CUR02, CUR05, or both. C5Party Submitting Quote A business entity submitting a quote; this end the party who ultimately performs if an ord received, or the entity may be submitting th behalf of another entity who will perform if receivedCUR02100Currency CodeM Code (Standard ISO) for country in whose currency the charges a Use any code except the code for U.S. dollars.CUR03280Exchange Rate Code identifying an organizational entity, a physical location, or from one currency to anotherO Code identifying an organizational entity, a physical location, or CUR05CUR0498Entity Identifier Code Code identifying an organizational entity, a physical location, or CUR05O Currency CodeCUR05100Currency Code Currency CodeO Code identifying an organizational entity, a physical location, or CUR05CUR06669Currency Code Code identifying the market upon which the currency exchange r Currency Market/Exchange Code Code identifying the market upon which the currency exchange r Currency 374DateCUR08373DateO

			Time expressed in 24-hour clock time as follows: HHMM, 6 HHMMSSD, or HHMMSSDD, where $H =$ hours (00-23), M 59), S = integer seconds (00-59) and DD = decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundre	f = n; dec	ninutes (00- imal seconds
Not Used	CUR10	374	Date/Time Qualifier Code specifying type of date or time, or both date and time	X	ID 3/3
Not Used	CUR11	373	Date	0	DT 6/6
Not Used	CUR12	337	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, of HHMMSSD, or HHMMSSDD, where $H =$ hours (00-23), M 59), S = integer seconds (00-59) and DD = decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundre	1 = n ; dec	ninutes (00- imal seconds
Not Used	CUR13	374	Date/Time Qualifier Code specifying type of date or time, or both date and time	Х	ID 3/3
Not Used	CUR14	373	Date Date (YYMMDD)	0	DT 6/6
Not Used	CUR15	337	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, of HHMMSSD, or HHMMSSDD, where $H =$ hours (00-23), M 59), $S =$ integer seconds (00-59) and DD = decimal seconds are expressed as follows: $D =$ tenths (0-9) and DD = hundre	f = rr ; dec dths	ninutes (00- imal seconds (00-99)
Not Used	CUR16	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time	Х	ID 3/3
Not Used	CUR17	373	Date Date (YYMMDD)	0	DT 6/6
Not Used	CUR18	337	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, of HHMMSSD, or HHMMSSDD, where $H =$ hours (00-23), M 59), $S =$ integer seconds (00-59) and DD = decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundred	f = m; deci	inutes (00- imal seconds
Not Used	CUR19	374	Date/Time Qualifier Code specifying type of date or time, or both date and time	Х	ID 3/3
Not Used	CUR20	373	Date Date (YYMMDD)	0	DT 6/6
Not Used	CUR21	337	Time Time expressed in 24-hour clock time as follows: HHMM, of HHMMSSD, or HHMMSSDD, where $H =$ hours (00-23), M 59), $S =$ integer seconds (00-59) and DD = decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundred	f = m ; deci	inutes (00- imal seconds

#### **REF** Reference Numbers Segment: 050 **Position:** Loop: Level: Heading Optional Usage: Max Use: 12 To specify identifying numbers.1 At least one of REF02 or REF03 is required. **Purpose:** Syntax Notes: Semantic Notes: **Comments:**

Must Use	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	Name           Reference Number Qualifier           Code qualifying the Reference Number.	<u>Attributes</u> M ID 2/2			
			A request has been submitted to ASC X12 for a code to specify Type of Science and Catalog number. If approved, these codes will be available for use in ASC X12 Version/ Release 3050.				
			1. Use code 2E to indicate that the item is being solicited as a part of a foreign military sale.				
			2. Use code 73 to indicate the statement of work (S within a statement of work where additional infor- the SOW is a part of the solicitation, the PWK seg indicate how it is being transmitted to the quoting included in the solicitation. If it is included in the following MSG segment, if applicable.	mation can be found. If ment can be used to party if not otherwise			
			3. Use code AU, as applicable, to cite the statutory than full and open competition.	tory authority for using other			
			4. Use code <b>BB</b> to indicate the statutory authority order is to be negotiated.	under which the resultant			
			5. Use code CH to indicate the Catalog of Federal where the funding source for a research effort can maintenance has been submitted to ASC X12 for a Catalog. If approved, that code will be available f Version/Release 3050. In the meantime, use this o	n be found. Data a code for the generic term for use in ASC X12			
			6. Use code CT, if applicable, to indicate a pre-esta pertaining to this solicitation.	ablished contract number			
			7. Use code IJ to indicate the Standard Industrial applicable to this solicitation.	Classification (SIC) Code			
			8. Use code IL to indicate the requisition number ( MILSTRIP/FEDSTRIP document number).	(e.g., the			
			9. Use code IX to indicate a Federal Supply Classi number.	fication (FSC) special item			
			10. Use code K4, if applicable, to indicate the surv designator that will be applicable to any purchase				

#### solicitation.

11. Use code P4 to indicate the project number applicable to this solicitation.

12. Use code PH to indicate the MILSTRIP/FEDSTRIP priority.

13. Use code RQ, as appropriate, to indicate an internal number such as a purchase request or purchase request order number. When citing a purchase request number, concatenate its line item number with the purchase request number if it is necessary to transmit both numbers.

14. Use code TN to indicate the unique reference number of a related transaction set (e.g., an 841 transaction set carrying a related technical specification or drawing). Each transaction has a unique number. In the case of the 841 transaction set, that number is carried in SPI02.

15. Use code ZZ to indicate another type of reference number. When used, indicate the nature of the number in REF03.

16	Military Interdepartmental Purchase Request (MIPR) Number
2E	A specific form used to transmit obligation authority (dollars) and requirements between a service or agency requiring a purchase and a military service or agency responsible for procuring the requirement Foreign Military Sales Case Number
	A reference number designating the foreign military sale records
73	Statement of Work (SOW)
97	Description of a product or service to be procured under a contract; statement of requirements Package Number
	A serial number indicating unit shipped
AU	Authorization to Meet Competition No.
BB	Authorization Number
	Proves that permission was obtained to provide a
	service
BV	Purchase Order Line Item Identifier (Buyer)
C7	Contract Line Item Number
CH	Customer catalog number
CT	Contract Number
DG	Drawing Number
DS	Defense Priorities Allocation System (DPAS) Priority Rating
IJ	Standard Industry Classification (SIC) Code
IL	Internal Order Number
IX	Item Number
K4	Criticality Designator
	A number assigned to a contract or order that expresses the relative importance of that contract or order and thereby assists the contractor in making performance decisions and assists in making production surveillance decisions
K6	Purchase Description

		К7	Paragraph Number
		P4	Project Code
		PH	Priority Rating
		QC	Product Specification Document Number
			Model designation of replacement component
		RQ	Purchase Requisition No.
		RS	Returnable Container Serial Number
		S2	Military Specification Number (MILSPEC)
		S3	Specification Number
		TN	Transaction Reference Number
		TP	Test Specification Number
		W2	Weapon System Number
			Identifies a weapon system
		W6	Federal Supply Schedule Number
		XE	Identifies an item with a two-digit group number, two- digit part number, and one-character section letter Transportation Priority Number
		ZF	Number indicating the level of government priority associated with the transportation of a shipment Contractor Establishment Code (CEC)
		ZZ	Goverment identifier to designate a contractor; it is nine characters, eight numeric and a final alpha Mutually Defined
REF02 1	27	Reference Number	X AN 1/30
		Reference number or Transaction Set, or a If a document numb	r identification number as defined for a particular s specified by the Reference Number Qualifier. <i>For has an associated revision number, concatenate the</i> <i>fon numbers and carry the resultant number in this data</i>
REF03 3		Description	X AN 1/80
		•	ion to clarify the related data elements and their content
			ional information related to the number cited in REF02.

## PER Administrative Communications Contact

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:

060

Heading
Optional
3
To identify a person or office to whom administrative communications should be directed
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.

Semantic Notes: Comments: Notes:

1. Use the 1/PER/060 segment to identify name and communication number information for parties and offices where their addresses are not provided. When the address of a party or office is to be carried in the transaction, use the 1/PER/360 segment to identify the communications information.

2. A request has been submitted to ASC X12 to add data element 443, Contract Inquiry Reference, at PER07. This data element will permit citing the title of the party identified in PER02. If approved, this data element will be available for use in ASC X12 Version/Release 3050.

	Ref.	Data	Data Diei	inent Summary			
	Des.	Element	Name	<u>A</u>	<u>.ttributes</u>		
Must Use	PER01	366	<b>Contact Function</b>				
			Code identifying the	he major duty or responsibility of the person	or group named		
				eeen submitted to ASC X12 asking for a coo code will be available for use in ASC X12 V			
			2. For code AT, th correct word shou	e word "contract" is incorrect in the stand ld be "contact."	ards. The		
			AT	Material Safety Data Sheet Contact	tán -		
			CD	Contract Contact			
			HM	Hazardous Material Contact			
			IO	Issuing Officer			
			QR	Ordering Officer			
				An individual authorized to place orders a existing contracts	against		
			ZZ	Mutually Defined			
	PER02	93	Name	0	AN 1/35		
			Free-form name				
				first, followed by the first name. Do not transme is longer than 35 characters. Instead the first name.			
	PER03	365	<b>Communication</b> N	Number Qualifier X	ID 2/2		
			Code identifying the	ne type of communication number			
			1. If code IT is use	ed, include the country code.			
			2. Use code TE to identified party.	indicate the commercial telephone number	of the		
			AU	Defense Switched Network	allalalata. 200		
				Department of Defense telecommunication successor of the Automatic Voice Network (AUTOVON)			

		EM	Electronic Mail		
		FX	Facsimile		
		IT	International Telephone		
		TE	Telephone		
PER04	364	Communicati	on Number	X	AN 1/80
		applicable	munications number including country is code TE, be sure to include the are		le when
PER05	365	Communicati	on Number Qualifier	Х	ID 2/2
		Code identifyi	ng the type of communication number		
		code AU, TE o 2. For code II	, include the country code.		
			E to indicate the commercial telephon	e number o	f the party
		<i>identified in P</i> AU	Defense Switched Network		asa maaddaasaaniinaa,
		EM	Department of Defense telecom successor of the Automatic Voi (AUTOVON) Electronic Mail		s system and
		EX	Telephone Extension		
		FX	Facsimile		
		IT	International Telephone		
		TE	Telephone		
PER06	364	Communicati	*	X	AN 1/80
		applicable	munications number including country is code TE, be sure to include the are		le when

Segment:	FOF	<b>F</b> .O.B. Relat	ed Instructions				
Position:	080						
Loop:							
Level:	Heading	-					
Usage: Max Use:	Optional >1						
Purpose:	-	fy transportation	instructions relating to shipment				
Syntax Notes:			then FOB02 is required.				
			then FOB05 is required. then FOB06 is required.				
			then FOB09 is required.				
Semantic Notes:			ich party will pay the carrier.				
			pecifying transportation responsibili pecifying the title passage location.	ty location.			
			pecifying the point at which the risk	of loss transfe	ers. This may		
			location specified in FOB02/FOB03				
Comments: Notes:	all of the	line items. Wh	gment if the FOB point and the acc en the FOB point or acceptance loo				
	use the 2	/FOB/180 segm	ent.				
	2. This s	egment is not no	ecessary when the item being solicit	ed is a service	458		
Def	Data	Data I	Element Summary				
Ref. Des.	Data <u>Element</u>	Name		Aft	<u>ributes</u>		
Must Use FOB01	146		hod of Payment	M	ID 2/2		
			ng payment terms for transportation				
		1. Use code Bl	to indicate when the FOB point is	origin.			
			E to indicate when transportation co lded to the invoice.	osts are autho	rized to be		
		3. Use code PI	to indicate when the FOB point is	destination.			
		BP	Paid by Buyer		etteresiles den		
		PE	The buyer agrees to the transp requiring the buyer to pay tran specified location (origin or d Prepaid and Summary Bill	nsportation ch	arges to a		
		PP	Prepaid (by Seller)				
FOB02	309	Location Qual		Х	ID 1/2		
10202		-	ng type of location				
			the FOB point.				
		1. Use code IT	to indicate a Freight Forwarder.				
		destination. W FOB point is a	to indicate that the FOB point is n then used, cite the actual FOB point n address or geographical location f the appropriate N1 loop, using con Destination (Shipping)	t in FOB03. , use in conju	If the actual nction with		
		FV	Free Alongside Vessel (Free G	On Board [F.C	D.B.] Point)		
		IT	Intermediate FOB Point				
			A location indicating the poin origin or final destination but				

			OR	Origin (Shipping Point)		
			ZZ	Mutually Defined		
	FOB03	352	Description		0	AN 1/80
			A free-form des	cription to clarify the related data eler	ments and t	heir content
			use one iteratio	he FOB point only when FOB02 is c n of the N1 loop, using code KX in N FOB point. Use of this data element i	101, to spe	cify the
Not Used	FOB04	334	Transportation	Terms Qualifier Code g the source of the transportation term	0	ID 2/2
Not Used	FOB05	335	Transportation	Terms Code	Х	ID 3/3
			Code identifying responsibility	g the trade terms which apply to the sl	hipment tra	nsportation
	FOB06	309	Location Quali	fier	Χ	ID 1/2
			Code identifying	g type of location		
			1. Use to identi	fy the acceptance point.	. Jon Alla	
			destination. Wi actual FOB point with one iteration	to identify that the acceptance point then used, cite the actual acceptance p int is an address or geographical loca on of the N1 loop, using code ZZ in N	point in FO ution, use in	B07. If the
			DE	Destination (Shipping)		
			OR	Origin (Shipping Point)		
			ZZ	Mutually Defined		
	FOB07	352	Description		0	AN 1/80
			A free-form des	cription to clarify the related data eler	nents and the	heir content
			use one iteration	he acceptance point when FOB06 is n of the 1/N1/310 loop, using code Za cceptance point. Use of this data ele	Z in N101,	to identify the
Not Used	FOB08	54	Risk of Loss Qu		0	ID 2/2
Not Used	FOB09	352	Description		X	AN 1/80
			A free-form des	cription to clarify the related data eler	nents and th	heir content

## CSH Header Sale Condition

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:

110

Heading
Optional

To specify general conditions or requirements of the sale
If CSH02 is present, then CSH03 is required.
If either CSH06 or CSH07 is present, then the other is required.
CSH04 is the account number to which the purchase amount is to be charged.
CSH06 identifies the source of the code value in CSH07.
CSH09 is the percent of the Set-Aside.

#### Comments: Notes:

Semantic Notes:

1. Use the 1/CSH/110 segment to identify conditions of sale that apply to all of the line items in the solicitation. When the conditions of sale vary by line item, use the 2/IT8/140 segment.

2. Data maintenance has been submitted to ASC X12 to increase the maximum use of the CSH segment to 25. If approved, this use will be available in ASC X12 Version/Release 3050.

Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		<b>Attributes</b>
CSH01	563	Sales Requir	ement Code	O ID 1/2
		Code to ident	ify a specific requirement or agreement of	sale
		Section (8a) S or Minority I Industrial Pr Aside, Restric Manufacture Restricted to Unrestricted J Additional da qualifier code for an emerge	nance has been sent to ASC X12 asking for Set-Aside, Restricted to Historically Black Institution, Restricted to Educational Insti- teparedness Program Participants, Labor cted to Qualified Bidders List, Restricted to trs List, Restricted to Qualified Products H U.S. and Canadian Sources, Other Unlist Procurement, and Restricted to Young In the maintenance will be requested, asking es for a Buy Indian Act set-aside and for ing small business. If approved, those co ubsequent issue of the ASC X12 standard	k College or University itutions, Restricted to Surplus Area Set- to Qualified List (QPL) Products, ted Sales Condition, ivestigator Program. for the addition of a purchase set-aside des will be available
		1. Use code P	to indicate a contract set-aside for a sma	ıll business.
		2. Use code S	C to indicate that a partial shipment will	not be acceptable.
		3. Use code S	W to indicate that the solicited item(s) are	e to be shipped in place.
		4. Use code Z	to indicate a warranty is required.	
		IS	Substitute Item Allowed	ann salain seilinteidean s- additeideadh an ann an ann an ann an ann an ann ann
		K	Small Purchase Set Aside for Sma	ll Businesses
		Р	A procurement action that has been aside for) businesses classified as Large Purchase, Set-Aside for Sma	"small business"
		P2	Ship As Soon As Possible	
		P4	Do Not Preship	
		Q	Small, Disadvantaged Business Se	t-Aside
		R	Combined Small, Disadvantaged E Surplus Area Set-Aside	3usiness and Labor

			S	Partial Labor Surplus Area Set Aside	e	
			SC	Ship Complete		
			SV	Ship Per Release		
			Т	Small Business with Small, Disadva Consideration Set-Aside	ntaged	Business
			Z	Mutually Defined		
Not Used	CSH02	564	Do-Not-Excee	-	0	ID 1/1
				g the action to be taken if the order amount d Amount (565)	excee	ds the value of
Not Used	CSH03	565	Do-Not-Excee		X	N2 2/9
			Maximum mor	etary amount value which the order must a	iot exc	eed.
Not Used	CSH04	508	Account Num		0	AN 1/35
Not Used	CSH05	596	Required Invo Date specified	tice Date by the sender to be shown on the invoice.	0	DT 6/6
	CSH06	559	Agency Qualif	ier Code	X	ID 2/2
			Code identifyir	ig the agency assigning the code values		
			Use code AX to	comply with the syntax of the CSH segm	ent.	
			AX	ANSI Accredited Standards Commit	tee, X	12
	CSH07	560	Special Servic	es Code	X	ID 2/10
			Code identifyir	ng the special service		
			element 560 do the inspection	the inspection point as either at origin or bes not appear in Table 2 of this transaction location varies by line item, code L1 in No sed for this purpose. Inspect at Destination	on set.	Therefore, if
			IO	Inspect at Origin		
	CSH08	566		ce Substitution Code	0	ID 1/2
		200		g product or service substitution conditions		
			1. Use only on	e of codes A, X, or Y when CSH01 is code licable to offering a substitute product.		identify any
				only when CSH01 cites a code other than		
			А	No Quantity or Unit of Measure Cha	nge Al	lowed
			BO	No Substitution Allowed		
			Х	Equivalent Item Substitution		
			Y	Alternate Item Substitution Allowed		
	CSH09	954	Percent		0	R 1/10
			Percentage exp	ressed as a decimal		
			Ų I	is one of codes K, P, Q, R, S, or T, use to i		

		SAC	7	
-	Segment:		Service, Promotion, Allowance, or Charge Information	1
	Position: Loop:	120		
	Level:	Heading		
	Usage:	Optional		
	Max Use:	25 T		
Sum	Purpose:	or percer	st or identify a service, promotion, allowance, or charge; to s stage for the service, promotion, allowance, or charge	specify the amount
Syn	tax Notes:		east one of SAC02 or SAC03 is required. ther SAC03 or SAC04 is present, then the other is required.	
		3 If ei 4 If ei	ther SAC06 or SAC07 is present, then the other is required. ther SAC09 or SAC10 is present, then the other is required. AC11 is present, then SAC10 is required.	
			AC13 is present, then at least one of SAC02 or SAC04 is req	uired.
			AC14 is present, then SAC13 is required.	
Semar	ntic Notes:	2 SAC If SA	AC01 is "A" or "C", then at least one of SAC05, SAC07, or S 205 is the total amount for the service, promotion, allowance, AC05 is present with SAC07 or SAC08, then SAC05 takes p	or charge. recedence.
		that	10 alone is used to indicate a specific quantity which could l is applicable to service, promotion, allowance or charge.	
			10 and SAC11 used together indicate a quantity range, whic unt, that is applicable to service, promotion, allowance, or ch	
		4 SAC	13 is used in conjunction with SAC02 or SAC04 to provide	
			ber as identified by the code used. 14 is used in conjunction with SAC13 to identify an option v	when there is more
		than	one option of the promotion.	
С	omments:		04 may be used to uniquely identify the service, promotion,	
		2 In so actua to re It is	ge. In addition, it may be used in conjunction to further the c me business applications, it is necessary to advise the tradin al dollar amount that a particular allowance, charge, or prom- duce ambiguity. This amount is commonly referred to a "Do represented in the SAC segment in SAC10 using the qualifie	g partner of the otion was based on llar Basis Amount".
	Notes:	will be in	09. e 1/SAC/120 segment to identify services that apply to all of ccluded in the resultant order. The bidder is to indicate in t no charge for the service or identify the applicable charges.	he quote that there
		2. If serv	ices vary by line item, use the 2/SAC/130 segment.	and and another details the
			Data Element Summary	
	Ref.	Data		
Maret II.	Des.	Element	Name	Attributes
Must Use	SAC01	248	Allowance or Charge Indicator Code which indicates an allowance or charge for the service	M ID 1/1 e specified
			Use to comply with the mandatory nature of this data elem transmitting only a service, promotion, allowance, or chan When used in that manner, enter the value "0" in SAC05 semantic note governing the use of that data element.	tent when ge code in SAC02.
			A Allowance	erusteinu juta resitutationikkinintaihikkinik
			C Charge	
			R Allowance Request	
	SAC02	1300	Service, Promotion, Allowance, or Charge Code	X ID 4/4
			Code identifying the service, promotion, allowance, or chan	ge
			Use any code.	
			Refer to 003040 Data Element Dictionary for acceptable co	
Not Used	SAC03	559	Agency Qualifier Code	X ID 2/2

			Code identifying the agency assigning the code values		
Not Used	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	Х	AN 1/10
			Agency maintained code identifying the service, promotio charge	n, allo	wance, or
	SAC05	610	Amount	0	N2 1/15
			Monetary amount		
			Use to enter an actual dollar amount of an allowance or '0' when SAC01 is used to comply with the syntax necess value in SAC02.		
Not Used	SAC06	378	Allowance/ Charge Percent Qualifier	X	ID 1/1
			Code indicating on what basis allowance or charge percen	t is cal	culated
Not Used	SAC07	332	Allowance or Charge Percent	Х	R 1/6
	G + <b>G</b> 00	0.50	Allowance or charge expressed as a percent.	0	D 4/0
Not Used	SAC08	359	Allowance or Charge Rate Allowance or Charge Rate per Unit	0	R 1/9
Not Used	SAC09	355	Unit or Basis for Measurement Code	Х	ID 2/2
			Code specifying the units in which a value is being expres which a measurement has been taken	sed, or	manner in
Not Used	SAC10	339	Allowance or Charge Quantity	X	R 1/10
			Quantity basis when allowance or charge quantity is differ purchase order or invoice quantity	ent fro	om the
Not Used	SAC11	339	Allowance or Charge Quantity	0	R 1/10
			Quantity basis when allowance or charge quantity is differ	ent fro	om the
Not Used	SAC12	331	purchase order or invoice quantity Allowance or Charge Method of Handling Code	0	ID 2/2
not Oscu	OACIM	551	Code indicating method of handling for an allowance or cl	-	
Not Used	SAC13	127	Reference Number	Х	AN 1/30
			Reference number or identification number as defined for		
			Transaction Set, or as specified by the Reference Number		
Not Used	SAC14	770	<b>Option Number</b> A unique number identifying available promotion or allow	0	AN 1/20
			more than one is offered		phons when
Not Used	SAC15	352	Description	0	AN 1/80
			A free-form description to clarify the related data elements	s and tl	heir content

#### Segment:

150

## **DTM** Date/Time Reference

Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:

Heading
Optional
10
To specify pertinent dates and times
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 1/DTM/150 segment to specify a required delivery date when it is expressed as an actual date. If the delivery schedule is expressed as a set time period after the occurrence of some event, use the LDT segment. If the LDT segment is used, do not use this segment.

2. Use to specify the date by which the quotation must be received or to specify a date of a referenced transaction set.

3. Use the 1/DTM/150 segment to specify the required delivery date if it applies to all the line items. When the date varies by line item, use the 2/DTM/200 segment.

	Ref.	Data		J.	
	Des.	<u>Element</u>	<u>Name</u>		<b>Attributes</b>
Must Use	DTM01	374	Date/Time Qu	ualifier	M ID 3/3
			Code specifyin	ng type of date or time, or both date and time	2
			code will be u	been submitted to ASC X12 to add a code j sed to specify the date of a pre-proposal con be available for use in ASC X12 Version/R	ference. We expect
			1. Use code 07	77 to specify the beginning date of the week	•
				06 to indicate delivery is due exactly on the lue on or before a specified date.	specified date. Use
			3. Use code 15 soliciting a set	50 to indicate the performance commencem rvice.	ent date when
			4. Use code 15 a service.	51 to indicate the performance completion of	late when soliciting
			5. When code	174 is used, cite the last day of the month.	
				/REF/050 segment contains code TN in RE date of the reference transaction set, e.g., a t.	
				96 to indicate the required delivery date who fore the specified date.	en delivery can be
			received.	97 to specify the date and time by which the	quotation must be
			037	Ship Not Before	
			063	Do Not Deliver After	
			064	Do Not Deliver Before	

		065	1st Schedule Delivery	
		066	1st Schedule Ship	
		077	Requested for Delivery (Week of)	
		106	Required By	
		150	Service Period Start	
		151	Service Period End	
		174	Month Ending	
		276	Contract Start	
			The start date for a contract	
		279	Contract Completion	
			The finish date for a contract	
		368	Submittal	
			Date an item was submitted to a customer	
		373	Order Start	
		374	Order End	
			Point after which data can no longer be used	(or
		996	becomes invalid for use) Required Delivery	
			A date on which or before, ordered goods or	services
			must be delivered	
		997	Quote to be Recieved By	
			A date on which or before a quote must be re location specified in an RFQ	eceived at a
DTM02	373	Date	X	DT 6/6
		Date (YYMMDD)		
DTM03	337	Time	X	TM 4/8
		HHMMSSD, or HI 59), S = integer sec are expressed as fo	24-hour clock time as follows: HHMM, or HH HMMSSDD, where $H =$ hours (00-23), $M =$ mi conds (00-59) and DD = decimal seconds; decin llows: D = tenths (0-9) and DD = hundredths (0 <i>n the HHMM format.</i>	nutes (00- mal seconds
DTM04	623	Time Code	0 •	ID 2/2
		Organization stand in hours in relation restricted character	the time. In accordance with International Stands and 8601, time can be specified by $a + or - and$ to Universal Time Coordinate (UTC) time; sin a, + and - are substituted by P and M in the codecomposition of the suppress a time.	an indication ace + is a
		CD	Central Daylight Time	dinina.
		CS	Central Standard Time	
		CT	Central Time	
		ED		
			Eastern Daylight Time Eastern Standard Time	
		ES		
		ET	Eastern Time	
		GM	Greenwich Mean Time	
		LT	Local Time	
		MD	Mountain Daylight Time	
		MS	Mountain Standard Time	
		MT	Mountain Time	
		PD	Pacific Daylight Time	
		PS	Pacific Standard Time	
		PT	Pacific Time	

DTM05	624	Century	0	N0 2/2					
		The first two characters in the designation of the year	(CCYY)						
DTM06	1250	Date Time Period Format Qualifier		ID 2/3					
		Code indicating the date format, time format, or date a	Code indicating the date format, time format, or date and time format						
		Use only when the date or time cannot be expressed format. In that case, use any code and specify the da DTM07.	te and/or t	ime in					
		Refer to 003040 Data Element Dictionary for acceptat	ole code va	lues.					
<b>DTM07</b>	1251	Date Time Period	Х	AN 1/35					
		Expression of a date, a time, or range of dates, times o	r dates and	times					
		When delivery is specified as a range of time for a gi RTM in DTM06 to qualify a range of times for a deli between 1:00 PM and 4:00 PM local time. Use DTM March 30, 1994 date.	ivery on M	arch 30, 1994					

	Sogmonte	LDT	Lead Time		
	Segment: Position:	160	Leau Ime		
	Loop:	100			
	Level:	Heading			
	Usage:	Optional			
	Max Use:	12			
Com	Purpose:	To specif	ty lead time for av	vailability of products and services	
	tax Notes: ntic Notes:	1 LDT	04 is the effectiv	e date of lead time information.	
	omments:			v of unit of time periods.	
	Notes:	Use the l	/LDT/160 segme	ent to identify time periods express t that apply to all the line items. W	
		· · · · · · · · · · · · · · · · · · ·	em, use the 2/LD		nen me nine perious vary
			Data E	lement Summary	
	Ref.	Data	Norma		A 44.11 m 4 m a
Must Use	<u>Des.</u> LDT01	<u>Element</u> 345	<u>Name</u> Lead Time Coo	۵.	<u>Attributes</u> M ID 2/2
withst Use	LDIVI	545	Code indicating		
			-	een submitted to ASC X12 to add a	a code for From Date of
			*	of Delivery. We expect this code w	
			ASC X12 Versio	on/Release 3050.	
			1 The order AT	to indicate that the considure on at	has contract write he
				to indicate that the consignee or ot the time period cited to schedule a	
			2. Use code AT	to indicate the time period for whi	ch a submitted quote must
			remain valid wi	th the quote opening date as the be	<i>asis</i> .
			3. Use code AU	to indicate the time period a quote	e must remain valid with
				ived by" date as the basis.	
			ÂA	From date of PO receipt to sar	nple ready
			AD	From date of sample approval	to first product shipment
			AE	From date of PO receipt to sha	ipment
			AF	From date of PO receipt to de	livery
			AH	From Date of Receipt of First	Article to First Article
			AI	Approval From Date of a Specified Eve	nt to Delivery
			AT	From Bid Opening to Expirati	-
			AU	From Required-By Date to Ex	
			AZ	From Date of Receipt of Item Item	-
Must Use	LDT02	380	Quantity	item	M R 1/15
			Numeric value o	of quantity	
Must Use	LDT03	344		eriod or Interval the time period or interval	M ID 2/2
				indicate a flexible time period, e.g	, X number of days or less.
			ĊŸ	Calendar Year	
			DA	Calendar Days	
			KK	Maximum Calendar Days	
			MO	Month	
			QY	Quarter of a Year	
			SA	Semiannual	
			WK	Weeks	

Date

Segment:	PID Product/Item Description
<b>Position:</b>	190
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	200
<b>Purpose:</b>	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 $PID01 =$
Commentation	`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:	1. Use to provide a brief description of the supplies or services being solicited.
	2. Use not recommended. Whenever possible, items should be described by successive
	iterations of 235/234 pairs in the PO1 segment or by a reference number. Use coded data whenever possible.

3. Use the 1/PID/190 segment to identify an overall description of the solicitation that applies to all line items. When the descriptions vary by line item, transmit a general description in this segment and use the 2/PID/050 segment to transmit the varying descriptions.

			Data Element Summary		
	Ref.	Data			
	Des.	<u>Element</u>	Name	<u>Att</u>	ributes
Must Use	PID01	349	Item Description Type	Μ	ID 1/1
			Code indicating the format of a description		
			F Free-form		
Not Used	PID02	750	Product/Process Characteristic Code	0	ID 2/3
			Code identifying the general class of a product or process c	harac	teristic
Not Used	PID03	559	Agency Qualifier Code	Χ	ID 2/2
			Code identifying the agency assigning the code values		
Not Used	PID04	751	Product Description Code	$\mathbf{X}$	AN 1/12
			A code from an industry code list which provides specific of	lata a	bout a product
			characteristic		
Must Use	PID05	352	Description	X	AN 1/80
			A free-form description to clarify the related data elements	and ti	heir content
Not Used	PID06	752	Surface/Layer/Position Code	0	ID 2/2
			Code indicating the product surface, layer or position that is	s bein	g described
Not Used	PID07	822	Source Subqualifier	0	AN 1/15
			A reference that indicates the table or text maintained by th	e Sou	rce Qualifier
Not Used	PID08	1073	Yes/No Condition or Response Code	0	ID 1/1
			Code indicating a Yes or No condition or response		

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 MEA03 is present, then MEA04 is required.
	3 If MEA05 is present, then MEA04 is required.
	4 If MEA06 is present, then MEA04 is required.
	5 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
	6 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 the 1/MEA/200 segment to identify measurements that apply to all the line items. When the measurements vary by line item, use the 2/MEA/049 segment.
	2. This segment can be used to identify any measurement applicable to the solicitation

2. This segment can be used to identify any measurement applicable to the solicitation including the maximum size standard for the SIC code applicable to the solicitation, variations in quantity, and the length of a warranty required from the bidder. Data maintenance has been submitted to ASC X12 to allow for identifying the percents or rank order of the evaluation factors. If the submitted data maintenance is approved by ASC X12, the codes for evaluation factors will be available in the ASC X12 Version/Release 3050.

Ref.	Data		, , , , , , , , , , , , , , , , , , ,	
Des.	Element	Name		Attributes
MEA01	737	Measurement	Reference ID Code	O ID 2/2
		Code identifyir	ng the broad category to which a measu	rement applies
		<ol> <li>Use code CS cited SIC code.</li> <li>Use code CI quantity. Use I</li> <li>Use code DE</li> <li>Use code PM minimum and</li> </ol>	when REF01 is code IJ, to indicate the	he size standard of the n expressed as a discrete er and under. are applicable to the mitted per order against
		CS	Core Size	unana tarah dika main
		CT	Counts	
		DE	Defects	
		PM	Permitted	
		1 141	The condition or activity approve regulatory agency	ed by the appropriate
MEA02	738	Measurement	Qualifier	O ID 1/3
		Code identifyin measurement a	ng a specific product or process charact pplies	eristic to which a
		Listed codes ar	e preferred.	

			following evaluation factors: price, prior experience, past	submitted to ASC X12 to add co cost, cost realism, human fact performance, quality, schedule able for use in ASC X12 Versio	ors, i and	nanagemen technical.
				1 is code CS, to indicate the m C code identified in the 1/REF.		
				e percent variation in quantity o indicate the percent over and		
				e length of a warranty period. I the time period in MEA04-1.	Spec	ify the
			MX Maximu	m		4 /2011
			PO Percent of	of Order (-, +)		
			either as	on of allowable variance of ord absolute (for example 92% to 1 percent (for example - 8% to +	10%	) or
	MEA03	739	Measurement Value		X	R 1/10
			The value of the measurement	t		
	MEA04	C001	<b>Composite Unit of Measure</b>		X	
			•	of measure (See Figures Appen		or examples
			of use)	(Bares rippen		p100
				quired to convert agency codes	to th	e codes use
			by ASC X12.			
Must Use	C00101	355	Unit or Basis for Measureme Code specifying the units in w			ID 2/2
				vnich a valle is neino exhibectar	orr	nanner in
			· · ·	÷ .	l, or r	nanner in
			which a measurement has bee <i>Listed codes are preferred</i> .	÷ .	l, or r	nanner in
			which a measurement has bee	÷ .	l, or r	nanner in
			which a measurement has bee <i>Listed codes are preferred</i> .	÷ .		No. 1999
			<ul> <li>which a measurement has bee Listed codes are preferred.</li> <li>1. When MEA01 is code CS a either code IE or code R5.</li> </ul>	n taken	04-01	can be
			<ul> <li>which a measurement has been Listed codes are preferred.</li> <li>1. When MEA01 is code CS and either code IE or code R5.</li> <li>2. A conversion table may be by ASC X12.</li> <li>3. Use code IE to indicate the second secon</li></ul>	n taken and MEA02 is code MX, MEAU	04-01 les to	can be codes used
			<ul> <li>which a measurement has been Listed codes are preferred.</li> <li>1. When MEA01 is code CS and either code IE or code R5.</li> <li>2. A conversion table may be by ASC X12.</li> <li>3. Use code IE to indicate the employees, for the SIC code and co</li></ul>	n taken and MEA02 is code MX, MEA0 required to convert agency cod size standard in terms of the n cited in the 1/REF/050 segment e size standard in terms of dolla	04-01 les to umb t.	can be codes used er of
			<ul> <li>which a measurement has been Listed codes are preferred.</li> <li>1. When MEA01 is code CS and either code IE or code R5.</li> <li>2. A conversion table may be by ASC X12.</li> <li>3. Use code IE to indicate the employees, for the SIC code and a code and</li></ul>	n taken and MEA02 is code MX, MEA0 required to convert agency cod size standard in terms of the n cited in the 1/REF/050 segment e size standard in terms of dolla segment. tion factors are available for us EA03 is the rank order of the en mber 2 would indicate the eval	des to numb t. nrs, fi se in . valua	can be codes used er of or the SIC ASC X12 to ttion factor
			<ul> <li>which a measurement has been Listed codes are preferred.</li> <li>1. When MEA01 is code CS are either code IE or code R5.</li> <li>2. A conversion table may be by ASC X12.</li> <li>3. Use code IE to indicate the employees, for the SIC code are code cited in the 1/REF/050 set of the second in order of import IE Person</li> </ul>	n taken and MEA02 is code MX, MEA0 required to convert agency cod size standard in terms of the n cited in the 1/REF/050 segment e size standard in terms of dolla segment. tion factors are available for us EA03 is the rank order of the en mber 2 would indicate the evaluance).	des to numb t. nrs, fi se in . valua	can be codes used er of or the SIC ASC X12 to ttion factor
			<ul> <li>which a measurement has been Listed codes are preferred.</li> <li>1. When MEA01 is code CS are either code IE or code R5.</li> <li>2. A conversion table may be by ASC X12.</li> <li>3. Use code IE to indicate the employees, for the SIC code are code cited in the 1/REF/050 set of the second in order of import IE Person</li> </ul>	n taken and MEA02 is code MX, MEA0 required to convert agency cod size standard in terms of the n cited in the 1/REF/050 segment e size standard in terms of dolla segment. tion factors are available for us EA03 is the rank order of the en mber 2 would indicate the eval	des to numb t. nrs, fi se in . valua	can be codes used er of or the SIC ASC X12 to ttion factor
			<ul> <li>which a measurement has been Listed codes are preferred.</li> <li>1. When MEA01 is code CS are either code IE or code R5.</li> <li>2. A conversion table may be by ASC X12.</li> <li>3. Use code IE to indicate the employees, for the SIC code are code cited in the 1/REF/050 set of the second in order of import IE Person</li> </ul>	n taken and MEA02 is code MX, MEA0 required to convert agency cod size standard in terms of the n cited in the 1/REF/050 segment e size standard in terms of dolla segment. tion factors are available for us EA03 is the rank order of the en mber 2 would indicate the evaluance).	des to numb t. nrs, fi se in . valua	can be codes used er of or the SIC ASC X12 to ttion factor
Not Used	C00102	1018	<ul> <li>which a measurement has been Listed codes are preferred.</li> <li>1. When MEA01 is code CS of either code IE or code R5.</li> <li>2. A conversion table may been by ASC X12.</li> <li>3. Use code IE to indicate the employees, for the SIC code of a code cited in the 1/REF/050 set of the second in order of important indicate the value cited in MEA02, (e.g., the number of the second in order of important IE Person R5 Thousant UN Unit</li> </ul>	n taken and MEA02 is code MX, MEA0 required to convert agency cod size standard in terms of the n cited in the 1/REF/050 segment e size standard in terms of dolla segment. tion factors are available for us EA03 is the rank order of the en mber 2 would indicate the evalu ance).	les to numb t. urs, fi valua uatio	can be codes used er of or the SIC ASC X12 to ttion factor
Not Used			which a measurement has been Listed codes are preferred.	n taken and MEA02 is code MX, MEAU required to convert agency cod size standard in terms of the n cited in the 1/REF/050 segment e size standard in terms of dolla segment. tion factors are available for us EA03 is the rank order of the eval ance). ds of Dollars	les to numb t. valuatio	can be codes used er of or the SIC ASC X12 to thion factor n factor is R 1/15
Not Used Not Used	C00102 C00103	1018 649	<ul> <li>which a measurement has been Listed codes are preferred.</li> <li>1. When MEA01 is code CS of either code IE or code R5.</li> <li>2. A conversion table may been by ASC X12.</li> <li>3. Use code IE to indicate the employees, for the SIC code of a code cited in the 1/REF/050 set of the second in order of important indicate the value cited in MEA02, (e.g., the number of the second in order of important IE Person R5 Thousant UN Unit</li> </ul>	n taken and MEA02 is code MX, MEAU required to convert agency cod size standard in terms of the n cited in the 1/REF/050 segment e size standard in terms of dolla segment. tion factors are available for us EA03 is the rank order of the eval ance). ds of Dollars	les to numb t. valuatio	can be codes used er of or the SIC ASC X12 to thion factor n factor is

			Code specifying the units in which a value is being express which a measurement has been taken			
Not Used	C00105	1018	Exponent Power to which a unit is raised	0	F	R 1/15
Not Used	C00106	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	0	F	R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being express which a measurement has been taken	O ssed, or		<b>D 2/2</b> anner in
Not Used	C00108	1018	<b>Exponent</b> Power to which a unit is raised	0	R	8 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	0	R	8 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expres which a measurement has been taken	O sed, or		<b>D 2/2</b> anner in
Not Used	C00111	1018	<b>Exponent</b> Power to which a unit is raised	0	R	8 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	0	R	<b>1/10</b>
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expres which a measurement has been taken	O sed, or		<b>D 2/2</b> anner in
Not Used	C00114	1018	<b>Exponent</b> Power to which a unit is raised	0	R	1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	0	R	1/10
	MEA05	740	Range Minimum	Х	R	1/10
			The value specifying the minimum of the measurement rat	nge		
			1. When MEA01 is code CT or MEA02 is code PO, use to variation under.	o ident	tify	the
			2. When MEA01 is code PM, use to identify the minimum value for an order that can be placed against a requirem quantity instrument.	-		
	MEA06	741	Range Maximum	Х	R	1/10
			The value specifying the maximum of the measurement ra	-		
			1. When MEA01 is code CT or MEA02 is code PO, use to variation over.	o ident	tify	the
			2. When MEA01 is code PM, use to identify the maximum value for an order that can be placed against a requirement quantity instrument.			
Not Used	MEA07	935	Measurement Significance Code	0		0 2/2
Not Used	MEA08	936	Code used to benchmark, qualify or further define a measu Measurement Attribute Code	iremen X		) 2/2
Not Used	MEAUO	930	Code used to express an attribute response when a numeric cannot be determined			
Not Used	MEA09	752	Surface/Layer/Position Code Code indicating the product surface, layer or position that	<b>O</b> is bein		<b>) 2/2</b> escribed
Not Used	MEA10	1373	Measurement Method or Device	0	-	0 2/4
			The method or device used to record the measurement			

Segment:	
Position:	2
Loop:	
Level:	H
Usage:	C
Max Use:	2
Purpose:	Т
Syntax Notes:	1
Semantic Notes:	
Comments:	1

## PWK Paperwork

210	J				
Heading Optional					
25					
To identify the type and transmission of paperwork or supporting information					
1	If either PWK05 or PWK06 is present, then the other is required.				
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.				
2	DWK 09 may be used to indicate estion partsining to a new set				

Notes:

3 PWK08 may be used to indicate action pertaining to a report.

1. Use, as applicable, to indicate how technical documentation, drawings or specifications are being provided by the buying party or required to be provided by the quoting party.

2. Use also, if applicable, to specify either paperwork required to complete a response to the RFQ, or paperwork required by a resultant order, and how that paperwork is to be provided.

3. Use the 1/PWK/210 segment when the information applies to all the line items. When the information varies by line item, use the 2/PWK/070 segment.

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		<b>Attributes</b>
Must Use	PWK01	755	Report Type		M ID 2/2
			Code indicating the title or contents of a document, report or supporting item		
	x	•	and Price Da	s been submitted to ASC X12 to add codes ta, Wage Determination, Union Agreemet ese codes to be available for use in ASC X	nt, and Attachment.
			1. Use code 2	5 to indicate a make or buy plan is require	ed.
			2. Use code 3	5 to indicate a subcontracting plan is requ	iired.
			3. Use code C1 to indicate cost and price data is required.		
			4. Use code C	<b>CP</b> to indicate a Certificate of Conformance	:e.
			statement of	D to indicate that supporting technical do work or other information is either being j ty or required of the selling party in the qu	provided by the
			25	Purchase Plan	
			35	Subcontractor Plan	
			C1	Cost Data Summary	
			CP	Certificate of Compliance (Materia	l Certification)
			CX	Cost/Schedule Status Report (C/SS	R)
				Contract status report showing bud actual, cost variance, schedule varia complete, estimate at complete, and complete at specified levels of the structure	ance, budget at d variance at
			CY	Contract Funds Status Report (CFS	R)

			Status report for funds appropriation including
			commitments, actual cost, forecast of billings, and
			estimated termination costs
		DW	Drawing(s)
		F1	Cost Performance Report (CPR) Format 1
			Detailed contract status report including current
			reporting month values at specified levels of the work
		53	breakdown structure
		F2	Cost Performance Report (CPR) Format 2
			Detailed contract status report at specified levels of the organization breakdown structure
		F3	Cost Performance Report (CPR) Format 3
			Contract baseline report that summarizes changes to the
			contract over a given reporting period with beginning
			and ending values
		F4	Cost Performance Report (CPR) Format 4
			Contract resource summary report that forecasts labor
		DC	requirements for the remainder of a contract
		F5	Cost Performance Report (CPR) Format 5
			Contract summary or detail report explaining significant cost or schedule variances
		IT	Certified Inspection and Test Results
		MR	Material Inspection and Receiving Report
		MS	Material Safety Data Sheet
		PD	Proof of Delivery
		PJ	Purchasing Specification
		1 5	Specifications, generated by a customer, setting
			acceptance limits on the properties or performance of
			the product being purchased; purchasing specifications
			may additionally supply instructions for packaging,
		CD	transportation, delivery, and payments
		SD	Support Data for a Request for Quote
		SN	Shipping Notice
		SP	Specification
		US	"BUY AMERICA" Certification of Compliance
PWK02	756	Report Transm	
		be sent	iming, transmission method or format by which reports are to
			ferred when the identified paperwork can be provided
			sing one of the ASC X12 transaction sets specifically
		designed for the	
		BM	By Mail
		EL	Electronically Only
		FX	By Fax
		WS	With Shipment (With Package)
PWK03	757	Report Copies	
			copies of a report that should be sent to the addressee
PWK04	98	Entity Identifie	
			g an organizational entity, a physical location, or an individual
		*	Use, as applicable, to identify a party relevant to the cited
		paperwork.	Data Element Dictionary for acceptable code values.
PWK05	66	Identification (	
1 11 1203	00	Inclumeation (	Loue Quanner A ID 1/2

			Code designating the system/method of code structure Code (67) <i>Use any code.</i> Refer to 003040 Data Element Dictionary for acceptal		
	PWK06	67	Identification Code	Х	AN 2/17
			Code identifying a party or other code		
	PWK07	352	Description	0	AN 1/80
			A free-form description to clarify the related data elem	nents and tl	
	PWK08	C002	Use only if necessary to identify information or instr specified paperwork item. Use is discouraged. Actions Indicated		
			Actions to be performed on the piece of paperwork id-	entified	
Must Use	C00201	704	Paperwork/Report Action CodeCode specifying how the paperwork or report that is is segment relates to the transaction set or to identify the1. Use code 2 to indicate that the specified paperwork resultant contract or order.2. Use code 3 to indicate that the specified paperwork separate medium or transaction set, but is a part of the maintenance has been submitted to ASC X12 asking If approved, that code will be available for use in AS 3050. In the meantime, use this code.3. Use code 5 to indicate that the specified paperwork timely manner in the response to the solicitation (e.g medium, but to be included as a part of the quote).2Report to be Filed3Complete Use the information provided, act data, distribute as indicated	M dentified in action that k will be rea k is being p he solicitat for a code C X12 Ver k must be p ., possibly i	is required quired in the rovided in a ion. Data for Provided. sion /Release rovided in a in a different
NT - 4 TT 1	C00202	70.4	5 Generate	0	ID 1/2
Not Used	C00202	704	Paperwork/Report Action Code Code specifying how the paperwork or report that is in	O lentified in	ID 1/2 the PWK
			segment relates to the transaction set or to identify the		
Not Used	C00203	704	Paperwork/Report Action Code Code specifying how the paperwork or report that is in segment relates to the transaction set or to identify the	O lentified in	ID 1/2 the PWK
Not Used	C00204	704	Paperwork/Report Action Code Code specifying how the paperwork or report that is its segment relates to the transaction set or to identify the	O lentified in	ID 1/2 the PWK
Not Used	C00205	704	Paperwork/Report Action Code Code specifying how the paperwork or report that is in segment relates to the transaction set or to identify the	O lentified in	ID 1/2 the PWK

# $PKG \ {\tt Marking, Packaging, Loading}$

Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:

Semantic Notes:

**Comments:** 

Segment:

220

Heading
Optional
200
To describe marking, packaging, loading, and unloading requirements
1 At least one of PKG04 PKG05 or PKG06 is required.
2 If PKG04 is present, then PKG01 is required.
3 If PKG05 is present, then PKG01 is required.
1 PKG04 should be used for industry-specific packaging description codes.
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:

1. Use the 1/PKG/220 segment to identify packaging requirements that apply to all the line items. When the packaging requirements vary by line item, use the 2/PKG/080 segment.

2. A request has been submitted to ASC X12 to add MIL-STD 2073-2C codes to ASC X12 standards. If approved, those codes will be available for use in ASC X12 Version/Release 3050 and they will be carried in PKG02/03/04. Until those codes are available, packaging information can be transmitted as a MIL-STD 2073-2C code string (as is currently done in a paper instrument) in PKG05. If additional packaging information is required to be provided to prospective bidders, use the N9 loop (code K7).

3. Do not use when standard commercial packaging is acceptable.

Ref.	Data			
Des.	<b>Element</b>	Name	Att	<u>ributes</u>
PKG01	349	Item Description Type	Χ	ID 1/1
		Code indicating the format of a description		
		Use code F when the packaging information is identified a	is fre	e-form text.
		F Free-form		
PKG02	753	Packaging Characteristic Code	0	ID 1/5
		Code specifying the marking, packaging, loading and relate being described	d cha	racteristics
		A request has been submitted to ASC X12 to add MIL-ST packaging characteristic codes, e.g., CD - Cleaning/Dryin, Cushioning Thickness, etc. We expect those codes to be a ASC X12 Version/Release 3050.	g Pro	cedures, CT -
		Use code 65 to indicate MIL-STD 2073-2C packaging cod string in PKG05.	es. C	ite the code
		65 Core Characteristics		
PKG03	559	Agency Qualifier Code	Х	ID 2/2
		Code identifying the agency assigning the code values		
		Use code ZZ to indicate an activity other than DoD or GSA maintenance has been submitted to ASC X12. If approved Federal Government will be available in ASC X12 Version DD Department of Defense	l, a ca	ode for

			GS	Responsible for Military Specification General Services Administration (GSA Responsible for Federal Specification		
			ZZ	Mutually Defined		
Not Used	PKG04	754		ription Code ndustry code list which provides specific of ing or loading and unloading of a product	X lata al	AN 1/7 bout the
	PKG05	352	Description		Х	AN 1/80
			A free-form desc	ription to clarify the related data elements	and th	heir content
			packaging inforu uses a positional sequence and nu 2073-1. Zeros sl provided. A com string. Use of th	string of MIL-STD 2073-2C packaging c mation in free-form text. The MIL-STD 2 and sequential system. Coded data must mber of positions specified in Appendix 1 hall be inserted in the code string for data tma (,) will be used as a delimiter between is data element is discouraged if other me data exist within this transaction set.	2073 appe F of N that data	2C code string ar in the AIL-STD is not being in the code
Not Used	PKG06	400	Unit Load Optio		Х	ID 2/2
			Code identifying	loading or unloading a shipment		

Segment:	TD5 Carrier Details (Routing Sequence/Transit Time)
Position:	240
Loop:	
Level:	Heading
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.
	<b>3</b> 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 the 1/TD5/240 segment to identify the transportation method that is applicable to all the line items. When the transportation methods vary by line item, use the

2/TD5/250 segment.

2. Use the 1/TD5/390 segment when the transportation method code is the same for all line items but is dependent upon the citing of a named entity.

			Data Element Summary		
	Ref.	Data			
	Des.	<u>Element</u>	Name	Att	<u>ributes</u>
Not Used	TD501	133	Routing Sequence Code	0	ID 1/2
			Code describing the relationship of a carrier to a specific shi	ipme	nt movement
	TD502	66	Identification Code Qualifier	X	ID 1/2
			Code designating the system/method of code structure used Code (67)	for I	dentification
			When TD504 is code PL, use code 10 to indicate the numb	or i	TDSA3 is the
			DoDAAC of the pipeline.	Ci 11	1 11000 10 1010
			10 Department of Defense Activity Addre	ess C	ode
	TD503	67	(DODAAC) Identification Code	X	AN 2/17
	10505	07	Code identifying a party or other code	2 <b>h</b>	
	TD 204	0.1		v	ID 1/2
	TD504	91	Transportation Method/Type Code	X	ID 1/2
			Code specifying the method or type of transportation for the	-	
			Use any code. When code D is used, it is to be defined as the provided only by the United States Postal Service, and not A conversion table may be required to convert agency code by ASC X12.	a pri	vate carrier.
			Refer to 003040 Data Element Dictionary for acceptable cod	de va	lues.
Not Used	TD505	387	Routing	X	AN 1/35
			Free-form description of the routing or requested routing for	r ship	oment, or the
			originating carrier's identity		
Not Used	TD506	368	Shipment/Order Status Code	X	ID 2/2
			Code indicating the status of an order or shipment or the dis		
			difference between the quantity ordered and the quantity shi item or transaction	pped	for a line
Not Used	TD507	309	Location Qualifier	0	ID 1/2
Not Used	10507	303	Code identifying type of location	U	10 1/2
Not Used	TD508	310	Location Identifier	X	AN 1/30
HUL Used	10300	510	Code which identifies a specific location	Λ	ALT 1/30
Not Used	TD509	731	Transit Direction Code	0	ID 2/2
0020405040	1		27		16.0 / 1 1007

			The point of origin and point of direction		
Not Used	TD510	732	Transit Time Direction Qualifier	0	ID 2/2
			Code specifying the value of time used to measure the tran	sit tim	ie
Not Used	TD511	733	Transit Time	Χ	R 1/4
			The numeric amount of transit time		
Not Used	TD512	284	Service Level Code	X	ID 2/2
			Code defining service		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	260 Heading Optional 5 To specifi informat: 1 At le 2 If Th Use the L all of the	Carrier Details (Special Handling or Haz y transportation special handling requirement on, or both ast one of TD401 TD402 or TD404 is requir 402 is present, then TD403 is required. /TD4/260 segment to identify hazardous material in line items. When the hazardous material in 4/270 segment.	nts, or hazardous mate red. a <i>terial information tl</i>	erials hat applies to
		Data Element Summary		249
Ref.	Data	Data Element Summary		
Des.	<u>Element</u>	Name	Att	ributes
TD401	152	Special Handling Code	Х	ID 2/3
		Code specifying special transportation hand	lling instructions	
		HM Endorsed as Hazardou	is Material	
		NC Notify Consignee Bef	ore Delivery	
TD402	208	Hazardous Material Code Qualifier	X	ID 1/1
		Code which qualifies the Hazardous Materi	al Class Code (209)	
		A request for the following codes has been Compatibility Group and Hazard Class or be available in ASC X12 Version/Release 3 D Hazardous Materials I	Division. We expect 3050.	
TD403	209	Hazardous Material Class Code	x, 201	AN 2/4
10405	407	Code specifying the kind of hazard for a ma		A MALE AND I TO
TD404	352	Description	X	AN 1/80
1 1/404	554	A free-form description to clarify the related		
		Use is discouraged.	a data cientento and t	nen coment
		use is uiscouragea.		

Segment:	MAN Marks and Numbers
<b>Position:</b>	270
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	10
Purpose:	To indicate identifying marks and numbers for shipping containers
Syntax Notes:	
Semantic Notes:	<ol> <li>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.</li> <li>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.</li> </ol>
Comments:	
Notes:	1. Use the 1/MAN/270 segment when marks and numbers apply to all the line items in the solicitation. When the marks and numbers vary by line item, use the 2/MAN/280 segment.
	2. Use to identify such data as MILSTRIP/FEDSTRIP number, Transportation Control number, Project Priority, and consignee related codes.

			Data Element Summary		
Must Use	Ref. <u>Des.</u> MAN01	Data <u>Element</u> 88	Name Marks and Numbers Qualifier Code specifying the application or source of Marks and N	Μ	ributes ID 1/2 s (87)
			Use to indicate that the marks and numbers are applicable the solicitation. S Entire Shipment		
Must Use	MAN02	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of	<b>M</b> f a ship	AN 1/45 oment
	MAN03	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of	<b>O</b> f a ship	AN 1/45
	MAN04	88	Marks and Numbers Qualifier Code specifying the application or source of Marks and N	0	ID 1/2
			Use to indicate additional marks and numbers applicable the solicitation. S Entire Shipment	e to all	line items in
	MAN05	87	Marks and Numbers	0	AN 1/45
	MAN06	87	Marks and numbers used to identify a shipment or parts of <b>Marks and Numbers</b>	r a snip O	AN 1/45
	141771400	07	Marks and numbers used to identify a shipment or parts of	-	

### **RRA** Required Response

280

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:

Heading
Optional
25
To indicate information that is required to be included in the response
1 Use RRA02 only to specify applicable regulatory or contractual clause.

1. Use the 1/RRA/280 segment to indicate to prospective quoting parties that specific information must be provided with the quote, e.g., and applicable certification or representation not previously made as a part of the registration process, or other information, that applies to all of the line items in the solicitation. When the required information varies by line item, use the 2/RRA/290 segment.

2. Data maintenance has been submitted to ASC X12 to increase the maximum use of this segment to 100.

#### **Data Element Summary** Ref. Data Des. Element Attributes Name Information Type Must Use RRA01 701 M ID 2/2 Code specifying the information required in the response Use code 14 to indicate the reference number that requires a quoting party to provide a response with the quote. This reference will be a clause number or other specific reference to information previously provided to the trading partner. 14 As Indicated by the Cited Reference RRA02 **Reference Number** AN 1/30 127 Ω Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

	Segment:	<b>N9</b> R	eference Number				
	Position:	290					
	Loop:	N9 Optional					
	Level:	Heading					
	Usage:	Optional					
I	Max Use:	1					
	Purpose:	To transi number c	nit identifying numbers and descriptive inform qualifier	mation as specified by the reference			
Synt	ax Notes:		east one of N902 or N903 is required.				
			906 is present, then N905 is required.				
	tic Notes:	1 N90	6 reflects the time zone which the time reflect	ts.			
Co	mments:			· · · · · · · · · · · · · · · · · · ·			
Notes:	reference	1. Use the 1/N9/290 segment to identify clauses, special instructions or other references which are applicable to all of the line items in the solicitation. When the reference numbers vary by line item use the 2/N9/320 segment.					
			an alternate section is relevant for a cited cl meric alternate designation with the clause				
		upnumu	meric auernaie designation win the clause	number in 19702. an anti-internet and			
	D.f	D - 4-	Data Element Summary				
	Ref.	Data Flomont	Nomo	Attributes			
Must Use	<u>Des.</u> N901	<u>Element</u> 128	<u>Name</u> Reference Number Qualifier	M ID 2/2			
Must Use	14701	120	Code qualifying the Reference Number.	IVI 11/2/2			
			A request has been submitted to ASC X12 to add codes, which will be used to identify an OMB Circular number and Federal Information Resources Management Regulation. We expect these codes to be available for use in ASC X12 Version/Release 3050.				
			1. Use code CJ to indicate a purchasing activity generated clause or special provision not found in the FAR, DFARS, Agency acquisition regulation supplement, or FIRMR. Identify the source of the clause in N903.				
			2. Use code DD to identify a Department of Labor wage determination number.				
			3. Use code DF to indicate a clause found i	in the DFARS.			
			4. Use code DX to indicate an agency claus supplement to the Federal Acquisition Reg agency in N903.				
			5. Use code K7 to indicate information for portain the provident of the provided of the information of the provide the information. The numbering system can be based on the provide the result of the provide of the provide the provided of	ictions, etc. Cite an applicable fon in the following MSG segment. e uniform contract format, e.g., H- umbering system the originator			
			6. Use code KT to indicate another type of a the solicitation. This number is not the RF BQT02). Indicate the source of the reference necessary, the text of the item in the followe this code could be used as a way of getting when the full text must be transmitted. In the follows the uniform contract format could be	TQ number (which is found in tee in N903 and provide, if ing MSG segment. For example, to the following MSG segment that case, a reference number that			

			··········	
			7. Use code Ka to the solicitat	Z, if applicable, to indicate the master solicitation that applies ion.
			73	Statement of Work (SOW)
			CJ	Description of a product or service to be procured under a contract; statement of requirements Clause Number
			DD	Document Identification Code
			DF	Defense Federal Acquisition Regulations (DFAR)
			DX	Department/Agency Number
			FA	Federal Acquisition Regulations (FAR)
			GS	General Services Administration Regulations (GSAR)
			K7	Paragraph Number
			KT	Request for Quotation Reference
				A discrete number assigned for identification purposes
			KY	to a request for quotation Site Specific Procedures, Terms, and Conditions
			KZ	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 Master Solicitation Procedures, Terms, and Conditions
			VB	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 Department of Veterans Affairs Acquisition Regulations (VAAR)
	N902	127	Reference Nu	
				ber or identification number as defined for a particular t, or as specified by the Reference Number Qualifier.
	N903	369	Free-form Des	scription X AN 1/45
			Free-form desc	criptive text
			Use is discourd	aged.
	N904	373	Date Date (YYMMI	O DT 6/6
			When the date always end wit	the date of a clause or wage determination, or other reference. is used it will be in YYMMDD format so a clause date should h the numeric 01 indicating the first day of the month. This ry to comply with ASC X12 syntax.
lot Used	N905	337	Time Time expressed HHMMSSD, o 59), S = integer	X TM 4/8 d in 24-hour clock time as follows: HHMM, or HHMMSS, or or HHMMSSDD, where H = hours (00-23), M = minutes (00- r seconds (00-59) and DD = decimal seconds; decimal seconds as follows: D = tenths (0-9) and DD = hundredths (00-99)
Not Used	N906	623	Time Code Code identifyir Organization st in hours in rela	o ID $2/2$ ng the time. In accordance with International Standards tandard 8601, time can be specified by a + or - and an indication tion to Universal Time Coordinate (UTC) time; since + is a acter, + and - are substituted by P and M in the codes that follow

Segment:	MSG Message Text
Position:	300
Loop:	N9 Optional
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.

	Ref.	Data			
	Des.	<u>Element</u>	Name	Att	<u>ributes</u>
Must Use	MSG01	933	Free-Form Message Text	$\mathbf{M}$	AN 1/264
			Free-form message text		
Not Used	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	printer

### N1 Name

Segmente	_
Position:	3
Loop:	ľ
Level:	H
Usage:	(
Max Use:	1
Purpose:	]
Syntax Notes:	1
	1

Notes:

Semantic Notes: Comments:

Segment.

310 N1 Optional (Must Use) Heading Optional (Must Use) To identify a party by type of organization, name, and code At least one of N102 or N103 is required. If either N103 or N104 is present, then the other is required. 2 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. 1. Whenever possible, address information should be transmitted using code values

contained in a combination of the N101, N103/04 data elements. Use N102 and the N2-N4 segments only when it is necessary to transmit the full address. For example, if a vendor can be identified by a DUNS number, it is not necessary to transmit the vendor's full address since the relationship between the DUNS number and the vendor's address can be established by accessing a data base in which the information is stored, having been put there at the time the vendor electronically registered as a federal government trading partner.

2. Use this 1/N1/310 loop to identify organizations or people that apply to all of the line items in the solicitation, or are not applicable at the line item level (e.g., soliciting party, etc.). When the addresses vary be line item, use the 2/N1/340 loop.

3. There must be at least 1 iteration of the N1 segment code BY and as many iterations as necessary using code PK to identify the solicited party(ies).

4. While the Federal EDI system uses the DUNS number, other government users may use other or additional number for a transition period in order to be able to crossreference data bases to new procurement actions.

	Ref.	Data	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
	<u>Des.</u> N101	<u>Element</u> 98	Name Entity Identifier Code Code identifying an organizational entity, a physi	<u>Attributes</u> M ID 2/2 ical location, or an individual
			1. A data maintenance request has been submitted following codes: Meeting Location and Party to meeting location code would be used to identify conference is to be held. Since neither code is p small purchases, no effort was made to use a su If approved, the code will be applicable in ASC.	Receive Proposal. The a place where a prequoting particularly applicable to rrogate code for the purpose.
	2. Use code 31 only when an actual mailing address different from the address provided for any other qu if another qualifier code can be used to pass this add indicate the name of the party in N102 and N2 segme	er qualifier code. Do not use s address. When used,		
			3. Use code BY to indicate the purchasing or sol	liciting office or activity.
			4. Use code CP to indicate the address to send th Conformance when it is different from the purch activity.	

5. Use code IC to indicate a freight forwarder.

6. Use code KW to indicate the location of a public opening, if applicable, when the address is different than the address of the soliciting activity.

7. Use code KX to indicate the FOB point when it must be described by a specific address rather than as a code value indicating either origin or destination.

8. Use code KY to indicate the technical office that has cognizance over the technical portion of the solicitation, if different than the office originating the solicitation. Do not use unless it is intended for the recipient of the solicitation to deal directly with the cited party on technical matters related for the solicitation.

9. Use code L1 to indicate the inspection location when it must be described as a specific address rather than a location such as origin or destination.

10. Use code OH to indicate the Hazardous Materials Office. A request has been submitted to ASC X12 to add a code for this location. If approved it will be available for use in ASC X12 Version/Release 3050. Until that time, use this code.

11. Use code PK to indicate the party receiving an original solicitation when a named party is to be solicited. A request has been submitted to ASC X12 to add a code for this purpose. We expect it to be available for use in ASC X12 Version/Release 3050. Until that time, use this code.

12. Use code PZ to indicate the requesting agency/activity. Data maintenance has been submitted to add code 96 - Requestor. Use this code until that code is approved.

13. Use code RC to indicate a location where the material will be both inspected and accepted. A request has been submitted to ASC X12 to add a code for Inspection and Acceptance. We expect this code to be available for use in ASC X12 Version/Release 3050. Until that time, use this code.

14. Use code ST to indicate the address to which an item must be shipped. For purposes of a solicitation, it may suffice to simply transmit the ZIP code of the location rather than the full address which can be added in the resultant purchase order.

15. Use code SV to indicate a location where a service, e.g., grass cutting, will be performed and accepted after performance is complete.

16. Use code Z7, when applicable, only when the inclusion of this address is necessary to prepare a quote. Otherwise, when applicable, include in the resulting purchase order.

17. Use ZZ to indicate the acceptance location when it cannot be described using a point such as origin or destination. Data maintenance has been submitted to ASC X12 asking for a code for Acceptance Point. If approved, the code will be available in ASC X12 Version/Release 3050.

31	Postal Mailing Address
BY	Buying Party (Purchaser)
СР	Party to Receive Cert. of Compliance
IC	Intermediate Consignee

		KW	Bid Opening Location
		KX	Free on Board Point
		KY	Technical Office
		L1	Inspection Location
			Place where the item was viewed or inspected
		OH	Other Departments
		PK	Party to Receive Copy
		PZ	Party to Receive Equipment
			Name a party to receive the transfer of equipment
		RC	Receiving Location
		ST	Ship To
		SV	Service Performance Site
		Z7	When services are contracted for, this describes the organization for whom or location address at which those services will be performed Mark-for Party
		21	The party for whom the needed material is intended
		ZZ	Mutually Defined
N102	93	Name	X AN 1/35
		Free-form name	
N103	66		Code Qualifier X ID 1/2
			ng the system/method of code structure used for Identification
		Establishment X12 Version/R 3. While the Fe government us other and addit reference exists 4. Use of the L any other code 5. Use code 10 Agency Activity 6. When N101 location for qu provided later, indicate the FH 7. Use code 33	s been submitted to ASC X12 to add a code for Contractor Code. We expect this code to be available for use in the ASC elease 3050. Ederal EDI program uses the DUNS number, other ers of this implementation convention may require the use of tional numbers for a transition period in order to cross- ing data bases with new procurement actions. DUNS or DUNS+4 number (code 1 or code 9) is preferred over d number to identify a named party. to indicate either a Department of Defense or a Civilian v Address Code. is code ST, use code 16 to indicate the ZIP code as a general oting purposes. The full address of the ship to party can be in the purchase order. If the ZIP code is an FPO or APO, PO/APO in the N4 segment. to indicate vendors with CAGE codes. to indicate a MAPAC address.
		ş.	to indicate a vendor facility that cannot be identified by a
		9. Use code FA	to indicate a vendor facility that cannot be identified by a D-U-N-S Number, Dun & Bradstreet D-U-N-S+4, D-U-N-S Number with Four Character

			10	Department of Defense Activity Ad (DODAAC)	dress C	ode
			16	ZIP Code		
			33	Commercial and Government Entity	y (CAG	E)
			A2	Military Assistance Program Addre	ss Code	(MAPAC)
			FA	Contained in the Military Assistanc Directory (MAPAD); represents the entity Facility Identification	U	
	N104	67	Identification		X	AN 2/17
			Code identifyin	ng a party or other code		
Not Used	N105	706	Entity Relatio Code describin	nship Code g entity relationship	0	ID 2/2
Not Used	N106	98	Entity Identifi Code identifyin	ier Code ng an organizational entity, a physical loca	<b>O</b> tion, or	ID 2/2 an individual

Segment:	${ m N2}$ Additional Name Information
Position:	320
Loop:	N1 Optional (Must Use)
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:	Do not use when the cited party can be identified by a code value in N101/03/04.

Data Element Summary

	Ref.	Data			
	Des.	<u>Element</u>	Name	Att	ributes
Must Use	N201	93	Name	$\mathbf{M}$	AN 1/35
			Free-form name		
	N202	93	Name	0	AN 1/35
			Free-form name		
	N202	93	Name	0	AN 1/35

Segment:	N3 Address Information
<b>Position:</b>	330
Loop:	N1 Optional (Must Use)
Level:	Heading
Usage:	Optional
Max Use:	2
Purpose:	To specify the location of the named party
Syntax Notes:	
Semantic Notes:	
<b>Comments:</b>	Transmission ( Management ) (
Notes:	<i>This segment is not necessary when the cited party can be identified by a code value in N101/03/04.</i>

	Ref. <u>Des.</u>	Data <u>Element</u>	Name		ributes
Must Use	N301	166	Address Information Address information	М	AN 1/35
	N302	166	Address Information Address information	0	AN 1/35

### N4 Geographic Location

Segment:
<b>Position:</b>
Loop:
Level:
Usage:
Max Use:
Purpose:
Syntax Notes:
Semantic Notes:
Comments:

340 N1 Optional (Must Use) Heading Optional 1 To specify the geographic place of the named party If N406 is present, then N405 is required. 1 1 specify a location.

Notes:

- A combination of either N401 through N404, or N405 and N406 may be adequate to
- N402 is required only if city name (N401) is in the USA or Canada. 2

1. This segment is not necessary when the cited party can be identified by a code value in N101/03/04.

2. A request has been submitted to ASC X12 to increase the maximum use of this segment to greater than 1 to accommodate specifying multiple states or countries in a delivery zone. We expect this maximum use to be available in ASC X12 Version/Release 3050.

Ref.	Data			
Des.	<u>Element</u>	Name	Att	<u>ributes</u>
N401	19	City Name	0	AN 2/30
		Free-form text for city name		٠
N402	156	State or Province Code	0	ID 2/2
		Code (Standard State/Province) as defined by appropriate g	overn	ment agency
N403	116	Postal Code	0	ID 3/9
		Code defining international postal zone code excluding pun (zip code for United States)	ctuati	on and blanks
N404	26	Country Code	0	ID 2/3
		Code identifying the country		
		A conversion table may be required to convert agency code by ASC X12.	es to i	the codes used
N405	309	Location Qualifier	С	ID 1/2
		Code identifying type of location		
		Refer to 003040 Data Element Dictionary for acceptable co	de va	lues.
N406	310	Location Identifier	0	AN 1/30
		Code which identifies a specific location		

Segment:	<b>REF</b> Reference Numbers
<b>Position:</b>	350
Loop:	N1 Optional (Must Use)
Level:	Heading
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying numbers.
Syntax Notes:	1 At least one of REF02 or REF03 is required.
Semantic Notes:	
<b>Comments:</b>	
Notes:	This segment can be used to establish distribution.

### This segment can be used to establish distribution lists for parties when applicable. Use of distribution lists reduces the need to repeat addresses in table 2.

	Ref. <u>Des.</u>	Data <u>Element</u>	Name	·	Att	ributes	
Must Use	REF01	128	<b>Reference Num</b> Code qualifying	ber Qualifier the Reference Number.	Μ	ID 2/2	
			1. Use code KC number in REF	to indicate a CDRL distribution list. 02.	Cite the di	stribution list	
			there are multip	to indicate a delivery (e.g., a shipmen le ship to addresses but the list is the the distribution list number in REF()	same for r		
			KC	Exhibit Distribution List		(0000101000 00000000000	
				Qualifies a list of addressees to v a cited contract exhibit must be		istribution of	
			KK	Delivery Reference			
Must Use	REF02	127	<b>Reference Num</b>	ber	X	AN 1/30	
			Reference number or identification number as defined for a particular				
			Transaction Set,	or as specified by the Reference Nun	nber Qualif	ier.	
Not Used	REF03	352	Description		Х	AN 1/80	
			A free-form desc	cription to clarify the related data eler	nents and tl	neir content	

#### Segment:

## PER Administrative Communications Contact

**Position:** Loop: Level: Usage: Max Use: **Purpose:** Syntax Notes:

3

2

360 N1 Optional (Must Use) Heading Optional To identify a person or office to whom administrative communications should be directed 1 If either PER03 or PER04 is present, then the other is required. If either PER05 or PER06 is present, then the other is required.

Semantic Notes: **Comments:** Notes:

1. Use to identify the names and communication numbers for the administrative points of contact and other named parties.

2. A request has been submitted to ASC X12 to add data element 443, Contact Inquiry Reference, at PER07. This data element will permit citing the title of the party identified in PER02. If approved, this data element will be available for use in ASC X12 Version/Release 3050.

	Ref.	Data	Data El	lement Summary		
	Des.	Element	Name		Att	<u>ributes</u>
Iust Use	PER01	366	Contact Functi	on Code	M	ID 2/2
			Code identifying	g the major duty or responsibility of	of the person o	r group named
			1. Use to identij solicitation.	fy individuals who can be contact	ed regarding i	he
			2. Use code IC t location cited in	to indicate a general information [ N101.	point of conta	ct at the
			BD	Buyer Name or Department		thaddenae - Andria ad
			CD	Contract Contact		
			HM	Hazardous Material Contact		
			IC	Information Contact		
			ΙΟ	Issuing Officer		
			PC	Purchasing Contracting Offic	er (PCO)	
			QR	Person to whom a warrant ha that person to obligate funds government Ordering Officer		-
				An individual authorized to p existing contracts	lace orders ag	ainst
	<b>PER02</b>	93	Name		0	AN 1/35
			Free-form name			
			name if whole n	ne first, followed by the first name name is longer than 35 characters. to initial of the first name.		
	PER03	365	Communication	n Number Qualifier	Х	ID 2/2
			Code identifying	g the type of communication numb	er	
				ountry code with code IT.		. Margaren
			party.	to indicate the commercial teleph	one number o	f the named
			AU	Defense Switched Network		
				Department of Defense teleco successor of the Automatic V		s system and

			(AUTOVON)		
		EM	Electronic Mail		
		FX	Facsimile		
		IT	International Telephone		
		TE	Telephone		
PER04	364	Communicatio	on Number	Х	AN 1/80
		Complete comr applicable	nunications number including country of	or area cod	le when
PER05	365	Communicatio	n Number Qualifier	X	ID 2/2
		Code identifyin	g the type of communication number		
		PER02. For ex PER05/06 can 2. Include the c 3. Do not use c code AU or cod 4. Use code TE party.	ode EX unless there is one iteration of le TE. to indicate the commercial telephone	al telephor ress. FPER03/04	he number, 4 using either
		ÂU	Defense Switched Network		
			Department of Defense telecomm successor of the Automatic Voice (AUTOVON)		s system and
		EM	Electronic Mail		
		EX	Telephone Extension		
		FX	Facsimile		
		IT	International Telephone		
		TE	Telephone		
PER06	364	Communicatio	n Number	Х	AN 1/80
		Complete comm applicable	nunications number including country of	or area cod	le when

	Segment:	TD5	Carrier Details (Routing Sequence/Transit Time)					
	Position:							
	Loop:							
	Level:	Heading						
	Usage:	Optional						
	Max Use:	12						
Syn	Purpose: tax Notes:		fy the carrier and sequence of routing and provide transit t east one of TD502 TD504 TD505 TD506 or TD512 is req		ormation			
			D502 is present, then TD503 is required.					
			D507 is present, then TD508 is required.					
6		4 If TI	D510 is present, then TD511 is required.					
	ntic Notes: Comments:	spec resp	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					
	Nteday		ing sequence, specified by the party identified in TD502.					
	Notes:		1/TD5/390 segment when the shipment is applicable to a e for all the items that will be shipped to that named entit					
			for the named entity vary by line item, use the 2/TD5/42					
		memous	<i>for the number charge they by the here, we the 2.12 of the</i>	o seguie	2224			
			Data Element Summary					
	Ref.	Data						
BT . TT .	Des.	Element	<u>Name</u>		ributes			
Not Used	TD501	133	Routing Sequence Code	0	ID 1/2			
	TD #03	((	Code describing the relationship of a carrier to a specific	-				
	TD502	66	Identification Code Qualifier	X	ID 1/2			
			Code designating the system/method of code structure us $C_{12}$ de (67)	sed for I	dentification			
			Code (67) When TD504 is code PL, use code 10 to indicate the nu DoDAAC of the pipeline.	mber in	TD503 is the			
			10 Department of Defense Activity Ac (DODAAC)					
	TD503	67	Identification Code	Х	AN 2/17			
			Code identifying a party or other code					
	TD504	91	Transportation Method/Type Code	Х	ID 1/2			
			Code specifying the method or type of transportation for	the ship	oment			
			1. Use any code.					
			2. A conversion table may be required to convert agency used by ASC X12.	y codes :	to the codes			
			3. When code D is used, it is to be read as the class of submitted States Postal Service and not a private carrier.	ervice p	rovided by the			
			Refer to 003040 Data Element Dictionary for acceptable	code va	lues.			
Not Used	TD505	387	Routing	Х	AN 1/35			
			Free-form description of the routing or requested routing originating carrier's identity	, for ship	oment, or the			
Not Used	TD506	368	Shipment/Order Status Code	Х	ID 2/2			
			Code indicating the status of an order or shipment or the					
			difference between the quantity ordered and the quantity	shipped	for a line			
			item or transaction	0				
Not Used	TD507	309	Location Qualifier	0	ID 1/2			
No.4 FT P	TD#40	210	Code identifying type of location	v	A NI 1/20			
Not Used	TD508	310	<b>Location Identifier</b> Code which identifies a specific location	Х	AN 1/30			
Not Used	TD509	731	Transit Direction Code	0	ID 2/2			
0030405940	1		55	5	15 October 1007			

			The point of origin and point of direction		
Not Used	<b>TD510</b>	732	Transit Time Direction Qualifier	0	ID 2/2
			Code specifying the value of time used to measure the	transit tim	e
Not Used	TD511	733	Transit Time	X	R 1/4
			The numeric amount of transit time		
Not Used	TD512	284	Service Level Code	X	ID 2/2
			Code defining service		

Segment:	PO1	Baseline Item Data				
Position:	010					
Loop:	PO1	Mandatory				
Level:	Detail	Trandatory				
Usage:	Mandato	ry				
Max Use:	1					
Purpose:	To specia	fy basic and most frequently used line item data				
Syntax Notes:		D103 is present, then PO102 is required.				
		D105 is present, then PO104 is required.				
		D106 is present, then PO107 is required.				
		D108 is present, then PO109 is required.				
		D110 is present, then PO111 is required. D112 is present, then PO113 is required.				
		D114 is present, then PO115 is required.				
		D116 is present, then PO117 is required.				
		D118 is present, then PO119 is required.				
		D120 is present, then PO121 is required.				
		D122 is present, then PO123 is required.				
	12 If PC	0124 is present, then PO125 is required.				
Semantic Notes: Comments:	1 See	the Dete Distingent for a complete list of ID's				
Comments:		the Data Dictionary for a complete list of ID's. 01 is the line item identification.				
		06 through PO125 provide for ten (10) different product/serv	vice ID's per each			
		. For example: Case, Color, Drawing No., UPC No., ISBN N				
	SKU	· ·				
Notes:		2/PO1/010 loop to specify all information related to a CLIN				
		Each iteration of the PO1 loop will identify all the information	on related to the			
	CLIN, S	UBCLIN or ELIN cited in PO101.				
		Data Element Summary				
Ref.	Data					
Des.	<u>Element</u>	Name	<b>Attributes</b>			
PO101	350	Assigned Identification	O AN 1/11			
		Alphanumeric characters assigned for differentiation within	a transaction set			
		Use to identify the CLIN, SUBCLIN or ELIN, if one is as	signed.			
PO102	330	Quantity Ordered	X R 1/9			
		Quantity ordered				
		1. Use to identify the quantity of the item being solicited.				
		2. Do not use this data element when quantities are specif	ied at the			
		SUBCLIN level.				
PO103	355	Unit or Basis for Measurement Code	O ID 2/2			
		Code specifying the units in which a value is being express	ed, or manner in			
		which a measurement has been taken				
		1. Use any code.				
		2. A conversion table may be required to convert agency c	odes to codes used			
		by ASC X12.				
		Refer to 003040 Data Element Dictionary for acceptable co	de values.			
PO104	212	Unit Price	X R 1/14			
		Price per unit of product, service, commodity, etc.				
		Use only when PO105 is code TB and enter the number 0.				
PO105	639	Basis of Unit Price Code	O ID 2/2			
10105	037	Masis of Onit Frite Cout				

Code identifying the type of unit price for an item

Use to indicate that bidders are not to provide a separate price for the item

cited in P0101. The cost of the item may be included in the cost of another, related item. For example, if this line item is for data or documentation, it might be "not separately priced." The cost of the data or documentation in that case could be included in the cost of the item itself. Data maintenance has been submitted to ASC X12 asking for a code value indicating Not Separately Priced. If approved, that code will be available for use in ASC X12 Version/Release 3050. Until a new code is approved, use this code. TB To be negotiated.

PO106

235

Product/Service ID QualifierOID 2/2Code identifying the type/source of the descriptive number used in<br/>Product/Service ID (234)<br/>Listed codes are preferred.(234)

1. PO106 through PO125 are used in pairs. For example, PO106 will contain a qualifier code and PO107 will contain the data related to the qualifying code. If PO106 is code FS then PO107 would carry the National Stock Number.

2. Use as many codes as necessary to describe the solicited item. There is no need to use all the codes or even all of the applicable codes. Select from the code list the minimum set of codes and code values necessary to describe the item being solicited.

3. Data maintenance has been submitted to ASC X12 for the following additional codes: Exhibit Identifier, Data Category Code, Replacement National Stock Number, Item Type Number, Time Compliant Technical Order, Cognizance symbol, Material Control code, Special Material Identification code, Item Management Code, Shelf-Life Code, and Shelf-Life Action Code. If approved, these codes will be available for use in ASC X12 Version/Release 3050.

4. Use code F7 to indicate the end item, if applicable, to which the solicited item applies.

5. Use code F8 to indicate, if applicable, the next higher assembly to which the solicited item applies.

6. The National Stock Number, code FS, shall be transmitted as a continuous set of numbers, and without the dashes.

7. See Code Source 27 for the Federal Stock Classifications associated with code FT.

8. Use code KA, if applicable, to indicate the list that contains the technical information related to the line item cited in PO101.

9. When PO101 is a CLIN or a SUBCLIN related to an exhibit, use code KB to indicate the data category of a CDRL.

10. Use code MF to indicate a manufacturer (by name) who does not have a CAGE code. Use code ZB when the manufacturer has a CAGE code.

11. Use code MG to indicate the manufacturer's part number assigned to the solicited item.

12. Use code PD to indicate a text description of an item.

13. Use code PU to indicate a part number assigned by an industry not tied to

a specific manufacturer. Do not use for National Drug Codes.

14. Use code RC to indicate an NSN, manufacturer's part number or other identifying number (except a serial number) of a returnable container. The serial number of a returnable container will be carried in a REF segment using qualifier code RS.

15. Use code SH to indicate in text, the service being solicited.

16. Use code SN to indicate, if applicable, the serial number of the item cited in PO101. For example, if the solicitation is for the repair of a serial numbered aircraft engineer.

17. Use code SW to indicate a local stock number.

18. Use code SZ to indicate the size of the item being solicited.

19. Use code VP to indicate a part number assigned by a selling party other than the manufacturer.

U.	Use coae ZB to l	inaicate the manufacturer of an item.
	A8	Exhibit Line Item Number
		The line item of a document referenced in and appended to a procurement instrument which establishes a delivery requirement
	AK	Refined Product Code
	CG	Commodity Grouping
	CL	Color
	CN	Commodity Name
	F7	End-Item Description
	F8	Item identifier describes an end-item associated with the use of the required material Next Higher Used Assembly
	70	Item identifier describes the next higher assembly associated with the use of the required material
	FS	National Stock Number
	FT	Federal Supply Classification
	KA	Engineering Data List
	KB	Data Category Code
	LT	Lot Number
	MF	Manufacturer
	MG	Manufacturer's Part Number
	MN	Model Number
	MS	Military Specification (MILSPEC) Number
	N1	National Drug Code in 4-4-2 Format
		4-digit manufacturer ID, 4-digit product ID, 2-digit trade package size
	N2	National Drug Code in 5-3-2 Format
		5-digit manufacturer ID, 3-digit product ID, 2-digit trade package size
	N3	National Drug Code in 5-4-1 Format
		5-digit manufacturer ID, 4-digit product ID, 1-digit trade package size
	N4	National Drug Code in 5-4-2 Format

20. Use code ZB to indicate the manufacturer of an item.

			5-digit manufacturer ID, 4-digit produ	ct ID	2-digit
			trade package size	cend,	, 2 Migit
		ND	National Drug Code (NDC)		
		PD	Part Number Description		
		PU	Part Reference Number		
			Often on a part or subassembly drawin reference number shown that is not a p may refer to a set of notes for use in fa assembly, or in repairing the item; it m physical location within the product, se a particular part on a truck engine, or t circuit location on an electronic assem	bart nu ibrica nay re uch as to a re	umber but tion, fer to a s location of
		RC	Returnable Container No.		
		SH	Service Requested		
		SN	A numeric or alphanumeric code from available to the customer Serial Number	a list	of services
		SW	Stock Number		
		SZ	Vendor Alphanumeric Size Code (NR	MA)	
		UK	U.P.C./EAN Shipping Container Code		-5-5-1)
		VP	A 14-digit code that uniquely identifie manufacturer's shipping unit, including indicator and check digit; the first digi indicator, the next two digits are the m characters, the next five digits are the m number, the second five digits are the final final digit is the check digit Vendor's (Seller's) Part Number	s the g the j t is th umber manu:	packaging e packaging r system facturer ID
		ZB	Commercial and Government Entity (	CAGI	E) Code
			A code that identifies a commercial co to do business with the U.S. governme		or authorized
PO107	234	<b>Product/Service ID</b>		X	AN 1/30
			for a product or service		
PO108	235	Product/Service ID		0	ID 2/2
		Product/Service ID	e type/source of the descriptive number (234) ta Element Dictionary for acceptable co-		
PO109	234	<b>Product/Service ID</b>		X	AN 1/30
		Identifying number	for a product or service		
PO110	235	<b>Product/Service ID</b>	Qualifier	0	ID 2/2
		Product/Service ID	e type/source of the descriptive number (234) a Element Dictionary for acceptable co		
PO111	234	<b>Product/Service ID</b>		Х	AN 1/30
		Identifying number	for a product or service		
PO112	235	Product/Service ID	Qualifier	0	ID 2/2
		Product/Service ID (	type/source of the descriptive number (234) a Element Dictionary for acceptable co		
PO113	234	<b>Product/Service ID</b>		Х	AN 1/30
		Identifying number	for a product or service		
PO114	235	<b>Product/Service ID</b>	Qualifier	0	ID 2/2
		Code identifying the	type/source of the descriptive number	used i	in

		Product/Service ID (234)		
		Refer to 003040 Data Element Dictionary for acceptable co	ode va	lues.
PO115	234	Product/Service ID	X	AN 1/30
		Identifying number for a product or service		
PO116	235	Product/Service ID Qualifier	0	ID 2/2
		Code identifying the type/source of the descriptive number Product/Service ID (234)	used	in
		Refer to 003040 Data Element Dictionary for acceptable co	de va	lues.
PO117	234	Product/Service ID	Х	AN 1/30
		Identifying number for a product or service		
PO118	235	Product/Service ID Qualifier	0	ID 2/2
		Code identifying the type/source of the descriptive number Product/Service ID (234)		
70110		Refer to 003040 Data Element Dictionary for acceptable co		
PO119	234	Product/Service ID	Х	AN 1/30
		Identifying number for a product or service		
PO120	235	Product/Service ID Qualifier	0	ID 2/2
		Code identifying the type/source of the descriptive number Product/Service ID (234) Refer to 003040 Data Element Dictionary for acceptable co		
PO121	234	Product/Service ID	X	AN 1/30
		Identifying number for a product or service		
PO122	235	Product/Service ID Qualifier	0	ID 2/2
		Code identifying the type/source of the descriptive number Product/Service ID (234) Refer to 003040 Data Element Dictionary for acceptable co		
PO123	234	Product/Service ID	X	AN 1/30
10125	434	Identifying number for a product or service	~ ``	MIN 1/50
PO124	235	Product/Service ID Qualifier	0	ID 2/2
10124	433	Code identifying the type/source of the descriptive number	0	
		Product/Service ID (234) Refer to 003040 Data Element Dictionary for acceptable co		
PO125	234	Product/Service ID	X	AN 1/30
1 0 1 80	201	Identifying number for a product or service		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:		structure 1 If PC 1 Som segn 2 PO3	Mandatory fy additional ite D304 is present, he examples of p nent, price chan 07 defines the u	mem Detail m-related data involving then at least one of PO3 price/quantity variations a ges by date, or price char unit of measure for PO30 al information relative to	03 or PO305 is requi are: price in different ages by quantity (bre 5.	ired. units eak ar	s from the PO1 ad level).
			Data	Element Summary			
	Ref.	Data					
Must Use	<u>Des.</u> PO301	Element 371	Name Change Bees	on Codo			ributes
wiust Use	F0301	3/1	Change Reas	ng the reason for price or	quantity change	Μ	ID 2/2
			measurement the requirement Another way 10,000 pound billing units of 2. Use code E	Q to indicate that an iten with both being application of describing the item co s of steel. This issue is r f measurement. V to indicate the estimate ntity instrument. Alternate Quantity Estimated Quantity	ble to the solicited it s of steel of a certain uld be in terms of it. elated to the differen ed quantity for a req y and Unit of Measu	em. 1 dim 5 weig nce in 1 uiren	For example, ension. ght, such as a order and
Not Used	PO302	373	Date Date (YYMM	DD)		0	DT 6/6
Not Used	PO303	236	Price Identifi			X	ID 3/3
Not Used	PO304	212	<b>Unit Price</b> Price per unit	of product, service, comr	nodity, etc.	0	R 1/14
Not Used	PO305	639	Basis of Unit Code identifyi	<b>Price Code</b> ng the type of unit price :	for an item	Х	ID 2/2
Must Use	PO306	380	<b>Quantity</b> Numeric value	e of quantity		Μ	R 1/15
Must Use	PO307	355	Code specifyin which a measu <i>A conversion</i> <i>ASC X12</i> .	for Measurement Code og the units in which a va urement has been taken table may be required to 40 Data Element Dictiona	lue is being expresse convert agency cod	es to	codes used by
Not Used	PO308	352	Description	2 ata Brement Diettont		0	AN 1/80
THE OSCU	1 0 3 0 0	J <b>J H</b>		escription to clarify the re	lated data elements	-	

(	CTP	Prici

### cing Information

	Segment:	CTI	Pricing Information					
	Position:	040						
	Loop:	PO1	Mandatory					
	Level:	Detail						
	Usage:	Optional						
	Max Use:	1						
	Purpose:	To speci	fy pricing information					
Syn	tax Notes:	1 If C	TP04 is present, then CTP05 is required.					
			TP06 is present, then CTP07 is required.					
			TP09 is present, then CTP02 is required.					
Semar	ntic Notes:	wou	<ol> <li>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.</li> <li>CTP08 is the rebate amount.</li> </ol>					
C	omments:		Figures Appendix for an example detailing the	use of CTP03 and (	77204			
	omments.		Figures Appendix for an example detailing the					
	Notes:	1. This s	egment will eventually be used to signal to pro	spective quoting pa	urties that a			
		variety o range of locations labor rat material specify q	f prices are being solicited, e.g., step-ladder pr quantities), zone prices (prices based on delive s), prices based on different packaging require tes for categories of labor that a quoting party s or labor hours type instrument. It can be use uantities at which price breaks are offered, or offered price is required.	icing (prices based eries to various geo ments for the same may offer for a tim ed to request the ver	on a solicited graphic item, or e and ndor to			
		2 16	1	Lidden Alexand	and the			
		conveyed quoting subline i	-ladder price quantities are required from the I in text in the MSG segment in the N9 loop us party will be able to respond with the step-ladd tem number because the CTP segment is avail transaction.	ing code KT in N9 ler prices for any gi	01. The iven line or			
		increase various j	uest has been sent to ASC X12 asking that the d from 1 to greater than 1. If approved, this w prices identified in note 1. We expect the requi vailable for use in ASC X12 Version/Release 3	ill facilitate soliciti ested increase in th	ng the			
		499 Con be used t	test has been submitted to ASC X12 asking for dition Code as an optional data element as CT to identify the packaging level, protection level clated code.	P10. This data elem	ment would			
			Data Element Summary					
	Ref.	Data						
	Des.	<b>Element</b>	Name	Attr	ibutes			
Not Used	CTP01	687	Class of Trade Code Code indicating class of trade	0	ID 2/2			
	CTP02	236	Price Identifier Code	X	ID 3/3			
			Code identifying pricing specification					
			1. Use to identify the type of prices a bidder is quote.	s required to submi	it in the			
			2. Data maintenance has been submitted to A of codes for: Hourly labor rates for categorie packaging protection levels and different pac codes will be available for use in ASC X12 V	es of labor, prices fo cking levels. If app	or different roved, these			
			3 Use code AIT to indicate a lease-to-nurch	ase price. Data ma	intenance			

3. Use code ALT to indicate a lease-to-purchase price. Data maintenance

			has been subm	itted to ASC X12.		
				T to indicate that the quoting party, in a idea in the catalog price for the item cited in 1		to the quoted
			5. Use code GO	W to indicate the sale price to the govern	ment.	
				<b>Q</b> to indicate that quoting party is to pro m if it is less costly than to repair the iten		eplacement
			7. Use code PU costly than to r	<b>R</b> to indicate the quoting party price for epair the item.	an item	if it is less
			8. Use code SP submitted to AS	C to indicate a lease price. Data mainter SC X12.	nance h	as been
			ALT	Alternate Price		, gett het fan de fa
			CAT	Catalog Price		
			GOV	Government Price		
			PAQ	Price Break Quantity(s)		
			PUR	Purchase		
			SPC	Special Price		
Not Used	CTP03	212	<b>Unit Price</b>		0	R 1/14
			Price per unit of	f product, service, commodity, etc.		
	CTP04	380	Quantity		0	R 1/15
			Numeric value	of quantity		
	CTP05	355	Unit or Basis f	or Measurement Code	X	ID 2/2
				g the units in which a value is being expre	ssed, or	manner in
				ement has been taken	1-12×	
			the codes used			
				Data Element Dictionary for acceptable		
Not Used	CTP06	648	Price Multiplie Code indicating	r Qualifier the type of price multiplier	0	ID 3/3
Not Used	CTP07	649	<b>Multiplier</b> Value to be use	d as a multiplier to obtain a new value	Х	R 1/10
Not Used	CTP08	782	Monetary Amo Monetary amou		0	R 1/15
Not Used	CTP09	639	Basis of Unit P		0	ID 2/2

Segment:	ME	A Measurements				
Position:	049					
Loop:	PO1	Mandatory				
Level:	Detail					
Usage:	Optional					
Max Use:	40					
Purpose:		fy physical measurements or counts, inclu thts (See Figures Appendix for example of				
Syntax Notes:		east one of MEA03 MEA05 MEA06 or N	1			
		EA03 is present, then MEA04 is required				
		EA05 is present, then MEA04 is required				
		EA06 is present, then MEA04 is required				
		(EA07 is present, then at least one of MEA08 or MEA03 may be present				
Semantic Notes:	-	y one of MEA08 or MEA03 may be prese A04 defines the unit of measure for MEA				
Comments:		en citing dimensional tolerances, any mea				
Comments.	any	measurement where a positive (+) value of the time of time of time of the time of	cannot be assumed, use MEA05 as the			
Notes:		e 2/MEA/049 segment when measureme				
	measurements apply to all the line items, use the 1/MEA/200 segment.					
	2 Tise to	identify any measurements applicable to	a specific line item includings the			
		m size standard for the SIC code applica	* •			
		required to be provided by the bidder, the				
		item, and the minimum/maximum quant				
		i indefinite type of instrument.	V & J & J			
		Data Element Summary				
Ref.	Data	Data Dientoni Samming				
Des.	<u>Element</u>	Name	Attributes			
MEA01	737	Measurement Reference ID Code	O ID 2/2			
		Code identifying the broad category to v	which a measurement applies			
		1. Use any code.				
		1. Use may could				
		2. Listed codes are preferred and shall their accompanying notes.	be used for the purpose described in			
		3. When REF01 is code IJ, use code C. specified SIC code.	S to indicate the size standard for the			
		4. Use code CT to indicate variation in quantity. Use MEA05/06 to indicate th				
		5. Use code DE to indicate a warranty	period.			
		6. Use code PM to indicate that measur minimum and maximum quantity or do an indefinite instrument. Use MEA05/ maximum.	ollar value permitted per order against 06 to indicate the minimum and			
		Refer to 003040 Data Element Dictionat	ry for acceptable code values.			
MF 402	738	Measurement Qualifier	0 ID 1/3			

 MEA02
 738
 Measurement Qualifier
 O
 ID 1/3

 Code identifying a specific product or process characteristic to which a measurement applies
 1. Use any code. Listed codes are to be used in accordance with their accompanying notes.
 0

2. When MEA01 is code CS, use code MX to indicate the maximum size

			standard of the SIC code applicable to the line item.		
			3. Use code PO to indicate the percent variation in quantiline items. Use MEA05/06 to indicate the percent over a		
			4. Use code TT to indicate the length of a warranty period length of time in MEA03 and the time period in MEA04. Refer to 003040 Data Element Dictionary for acceptable of the time period in MEA04.	-1.	
	MEA03	739	Measurement Value	X	R 1/10
	MEAUS	137	The value of the measurement	Л	K 1/10
	MEADA	C001		v	
	MEA04	C001	Composite Unit of Measure	X	C 1
			To identify a composite unit of measure (See Figures App of use)		
			A conversion table may be required to convert agency co X12.	aes us	ea by ASC
Must Use	C00101	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being express which a measurement has been taken	M sed, or	ID 2/2 manner in
			1. Use any code. Listed codes are required for the purpo accompanying notes.	se indi	icated in their
			2. A conversion table may be required to convert agency by ASC X12.	codes	to codes used
			3. Use code IE to indicate the SIC size standard in terms employees.	ofnur	mbers of
			4. Use code R5 to indicate the SIC size standard in terms sales.		
	C10.010.0	1010	Refer to 003040 Data Element Dictionary for acceptable of		
Not Used	C00102	1018	Exponent Power to which a unit is raised	0	R 1/15
Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	0	R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code	0	ID 2/2
itor Oscu	00104	555	Code specifying the units in which a value is being expres which a measurement has been taken		
Not Used	C00105	1018	<b>Exponent</b> Power to which a unit is raised	0	R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	0	R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expres	O sed, or	ID 2/2 manner in
Not Used	C00108	1018	which a measurement has been taken Exponent Power to which a unit is raised	0	R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	0	R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expres which a measurement has been taken	<b>O</b> sed, or	ID 2/2 manner in
Not Used	C00111	1018	<b>Exponent</b> Power to which a unit is raised	0	R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	0	R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code	0	ID 2/2

			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
Not Used	C00114	1018	Exponent Power to which a unit is raised	0	R	1/15
Not Used	C00115	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	0	R	1/10
	MEA05	740	Range Minimum	X	R	1/10
			The value specifying the minimum of the measurement ra	ange		
			1. When MEA01 is code CT or MEA02 is code PO, use variation under.	to iden	tify t	the
			2. When MEA01 is code PM, use to identify the minimu value of each order that can be placed against an indefinities instrument.	-	P	
	MEA06	741	Range Maximum	Χ	R	1/10
			The value specifying the maximum of the measurement r	ange		
			1. When MEA01 is code CT or MEA02 is code PO, use variation over.	to ident	tify t	he
			2. When MEA01 is code PM, use to identify the maximu value of each order that can be placed against an indefi	-		
Not Used	MEA07	935	Measurement Significance Code	0	ID	2/2
			Code used to benchmark, qualify or further define a meas	uremer	it va	lue
Not Used	MEA08	936	Measurement Attribute Code	Х	1.10	2/2
			Code used to express an attribute response when a numer cannot be determined	ic meas	surer	nent value
Not Used	MEA09	752	Surface/Layer/Position Code	0		2/2
			Code indicating the product surface, layer or position that is being described			
Not Used	MEA10	1373	Measurement Method or Device	0	ID	2/4
			The method or device used to record the measurement			

Segment:	PID Product/Item Description
Position:	050
Loop:	PID Optional
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.
Syntax rioteor	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.
Semanne 1 (Stest	<ul> <li>PID04 should be used for industry-specific product description codes.</li> </ul>
	<ul><li>3 PID08 describes the physical characteristics of the product identified in PID04. A</li></ul>
	"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 $PID01 =$
Comments.	`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.
	<ul><li>3 PID07 specifies the individual code list of the agency specified in PID03.</li></ul>
Notes:	Use is discouraged. Use the 2/PID/050 segment when the information applies to a
110165.	specific line item. Use the 1/PID/190 segment when the information applies to all the
	line items.
	une nems.

			Data Element Summary		
Must Use	Ref. <u>Des.</u> PID01	Data <u>Element</u> 349	NameItem Description TypeCode indicating the format of a descriptionFFFree-form	<u>Att</u> M	<u>ributes</u> ID 1/1
Not Used	PID02	750	<b>Product/Process Characteristic Code</b> Code identifying the general class of a product or process of	<b>O</b> harac	ID 2/3 eteristic
Not Used	PID03	559	Agency Qualifier Code Code identifying the agency assigning the code values	Х	ID 2/2
Not Used	PID04	751	<b>Product Description Code</b> A code from an industry code list which provides specific of characteristic	X lata a	AN 1/12 bout a product
Must Use	PID05	352	<b>Description</b> A free-form description to clarify the related data elements	X and t	AN 1/80 heir content
			Use, if necessary, to identify a brief description of the line solicited.	item	being
Not Used	PID06	752	Surface/Layer/Position Code Code indicating the product surface, layer or position that i	O s bein	ID 2/2 ng described
Not Used	PID07	822	<b>Source Subqualifier</b> A reference that indicates the table or text maintained by th	O le Sou	AN 1/15 arce Qualifier
Not Used	PID08	1073	Yes/No Condition or Response Code Code indicating a Yes or No condition or response	0	ID 1/1

# PWK Paperwork

Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:

Segment:

070
PO1 Mandatory
Detail
Optional
25
To identify the type and transmission of paperwork or supporting information
1 If either PWK05 or PWK06 is present, then the other is required.
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.
1. Use to indicate how technical documentation, specifications or drawings, etc.,

Notes:

1. Use to indicate how technical documentation, specifications or drawings, etc., applicable to a line item, are being provided by the buying party or required to be provided by the selling party.

2. Use also, as applicable, to identify either paperwork required to complete a response to this solicitation, or paperwork required by the resultant contract and how that paperwork is to be provided.

3. Use the 2/PWK/070 segment to provide paperwork that applies to a line item. If the paperwork applies to all the line items, use the 1/PWK/210 segment.

			Data Ele	ment Summary	
	Ref.	Data		·	
	Des.	<u>Element</u>	Name		<u>Attributes</u>
Must Use	PWK01	755	Report Type Co		M ID 2/2
			•	he title or contents of a document, report o	
			and Price Data,	en submitted to ASC X12 to add codes for Vage Determination, Union Agreement, o codes to be available for use in ASC X12	and Attachment.
			1. Use code 25 to	indicate that a make or buy plan is requi	ired.
			2. Use code 35 to	indicate that a subcontracting plan is req	quired.
			3. Use code C1 to	indicate that cost and price data is requi	red.
			4. Use code CP to	o indicate a Certificate of Conformance.	
				o indicate that additional information will L being transmitted in this solicitation.	l be provided
			statement of work	o indicate that supporting technical docur to or other information is either being pro r required of the selling party in the quote	vided by the
			25	Purchase Plan	
			35	Subcontractor Plan	
			C1	Cost Data Summary	
			СР	Certificate of Compliance (Material C	ertification)
			CX	Cost/Schedule Status Report (C/SSR)	
				Contract status report showing budget actual, cost variance, schedule varianc complete, estimate at complete, and va	e, budget at

			complete at specified levels of the work breakdown structure
		CY	Contract Funds Status Report (CFSR)
			Status report for funds appropriation including
			commitments, actual cost, forecast of billings, and
			estimated termination costs
		F1	Cost Performance Report (CPR) Format 1
			Detailed contract status report including current
			reporting month values at specified levels of the work
		F2	breakdown structure Cost Performance Report (CPR) Format 2
		1 2	Detailed contract status report at specified levels of the
			organization breakdown structure
		F3	Cost Performance Report (CPR) Format 3
			Contract baseline report that summarizes changes to the
			contract over a given reporting period with beginning
		74	and ending values
		F4	Cost Performance Report (CPR) Format 4
			Contract resource summary report that forecasts labor requirements for the remainder of a contract
		F5	Cost Performance Report (CPR) Format 5
			Contract summary or detail report explaining significant
			cost or schedule variances
		IT	Certified Inspection and Test Results
		KA	Contract Data Requirements List (CDRL)
		MR	Material Inspection and Receiving Report
		MS	Material Safety Data Sheet
		PD	Proof of Delivery
		SD	Support Data for a Request for Quote
		SN	Shipping Notice
		SP	Specification
PWK02	756	Report Transr	
			timing, transmission method or format by which reports are to
		be sent While any liste	d code may be used, code EL is preferred when the indicated
			be provided electronically using one of the transaction sets
		4 4	igned for the purpose.
		BM	By Mail
		EL	Electronically Only
		FX	By Fax
		WS	With Shipment (With Package)
PWK03	757	<b>Report</b> Copies	
			copies of a report that should be sent to the addressee
PWK04	98	Entity Identifi	
			g an organizational entity, a physical location, or an individual
			Use, as applicable, to identify a party relevant to the cited
		paperwork.	0 Deta Element Distionery for acceptable and values
DWEAS	66		0 Data Element Dictionary for acceptable code values. Code Oualifier X ID 1/2
PWK05	66		Code QualifierXID 1/2ng the system/method of code structure used for Identification
		Code (67)	ng the system method of code structure used for identification
		Use any code.	
			0 Data Element Dictionary for acceptable code values.

	PWK06	67	Identification	1 Code	Х	AN 2/17
			Code identify	ing a party or other code		
	PWK07	352	Description		0	AN 1/80
			A free-form d	escription to clarify the related data eleme	ents and t	heir content
			Use only if no	ecessary to identify additional information	n or instr	uctions
				pecific paperwork item. Use is discourage		
	PWK08	C002	Actions India	cated	0	
			Actions to be	performed on the piece of paperwork iden	tified	
Must Use	C00201	704	Paperwork/F	Report Action Code	M	ID 1/2
				ng how the paperwork or report that is ide		
			-	es to the transaction set or to identify the a		*
				to indicate the specific paperwork will be	e require	d under the
			resulting con	tract or order.		
			2 The code 3	to indicate the specified paperwork will l	he nrovid	ed Diata
				has been submitted to ASC X12. If appr		
				use in ASC X12 Version/Release 3050. I		
			this code.			
				to indicate the specified paperwork must	be provi	ded in the
				is solicitation.		
			2	Report to be Filed		
			3	Complete		
				Use the information provided, add	addition	al required
			5	data, distribute as indicated Generate		
Net Heed	C00202	704			0	ID 1/2
Not Used	C00202	704		Report Action Code ng how the paperwork or report that is ide	-	
				es to the transaction set or to identify the a		
Not Used	C00203	704		Report Action Code	0	ID 1/2
				ng how the paperwork or report that is ide	ntified in	
				es to the transaction set or to identify the a		
Not Used	C00204	704		Report Action Code	0	ID 1/2
				ng how the paperwork or report that is ide		
NT / TT - 1	C10.0.0.0.0	<b>50</b> 4		es to the transaction set or to identify the a		
Not Used	C00205	704		Report Action Code ng how the paperwork or report that is ide	0 ntified in	ID 1/2
				es to the transaction set or to identify the a		
			segment relate	to the transaction set of to identify the a	chon ma	i is required

Segment:	PKG Marking, Packaging, Loading
Position:	080
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	200
Purpose:	To describe marking, packaging, loading, and unloading requirements
Syntax Notes:	1 At least one of PKG04 PKG05 or PKG06 is required.
	2 If PKG04 is present, then PKG01 is required.
	3 If PKG05 is present, then PKG01 is required.
Semantic Notes:	1 PKG04 should be used for industry-specific packaging description codes.
Comments:	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.
	<ul> <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> </ul>
Notes:	1. Use the 2/PKG/080 segment if the packaging information applies to a specific line item. If the packaging information applies to all the line items in the solicitation, use the 1/PKG/220 segment.
	2. A request has been submitted to ASC X12 to add MIL-STD 2073-2C codes to ASC

2. A request has been submitted to ASC X12 to dad WIL-SID 20/3-2C codes to ASC X12 standards. If approved, those codes will be available for use in ASC X12 Version/Release 3050 and they will be carried in PKG02/03/04. Until those codes are available, packaging information can be transmitted as a MIL-STD 2073-2C code string (as is currently done in a paper instrument) in PKG05. If additional packaging information is required to be provided to prospective bidders, use the N9 loop (code K7).

3. Do not use when standard commercial packaging is acceptable.

Ref.	Data	v		
Des.	<b>Element</b>	Name	Attr	<u>·ibutes</u>
PKG01	349	Item Description Type	X	ID 1/1
		Code indicating the format of a description		
		Use code F only when the packaging information is identify text.	ied a	s free-form
		F Free-form		
<b>PKG02</b>	753	Packaging Characteristic Code	0	ID 1/5
		Code specifying the marking, packaging, loading and related being described	char	racteristics
		1. A request has been submitted to ASC X12 to add MIL-S. packaging characteristic code, e.g., CD - Cleaning/Drying I Cushioning Thickness, etc. We expect those codes to be ave ASC X12 Version/Release 3050. In the meantime, use code providing the MIL-STD 2073-2C code strings in PKD05.	Proce ailab	edures, CT -
		2. Use code 65 to indicate MIL-STD 2073-2C packaging co string in PKG05.	des.	Cite the code
		65 Core Characteristics		
PKG03	559	Agency Qualifier Code	Χ	ID 2/2
		Code identifying the agency assigning the code values		
		Use to indicate an activity other than DoD or GSA. Data m been submitted to ASC X12. If approved, a code for Federa will be available in ASC X12 Version/Release 3060.		

			ZZ Mutually Defined		
Not Used	PKG04	754	Packaging Description Code	X	AN 1/7
			A code from an industry code list which provides specific marking, packaging or loading and unloading of a produc		bout the
	PKG05	352	Description	X	AN 1/80
			A free-form description to clarify the related data elemen	its and t	heir content
			Use to identify a string of MIL-STD 2073-2C packaging packaging information in free-form text. The MIL-STI uses a positional and sequential system. Coded data mu sequence and number of positions specified in Appendic 2073-1. Zeros shall be inserted in the code string for da provided. A comma (,) will be used as a delimiter betwee string. Use of this data element is discouraged if other transmitting the data exist within this transaction set.	D 2073- ist appe x F of N ita that pen data	2C code string par in the MIL-STD is not being in the code s of
Not Used	PKG06	400	Unit Load Option Code	X	ID 2/2
			Code identifying loading or unloading a shipment		

Segment:	PO4 Item Physical Details
Position:	090
Loop:	PO1 Mandatory
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 PO402 is present, then PO403 is required.
	2 If PO405 is present, then PO406 is required.
	3 If PO406 is present, then PO407 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 to identify the dimensions of the unit or intermediate pack. In ASC X12 Version/Release 3050, this segment will be used to also carry the number of items in a unit container, the number of unit containers in an intermediate container and the gross weight and cube of a container. Until then, this information is contained in the MIL-STD 2073-2C code string at either the header or detail level.
	2. A request has been submitted to ASC X12 to increase the maximum use of this segment to greater than one in order to pass dimensions of both a unit and intermediate container and to permit identifying the number of items in a unit and/or intermediate container. If approved, this increase will be available in ASC X12 Version/Release 3050. In the meantime, dimensions of either a unit of intermediate container can be provided.

	Ref.	Data			
	Des.	<u>Element</u>	Name	Att	tributes
Not Used	PO401	356	Pack	0	N0 1/6
			Number of inner pack units per outer pack unit		
Not Used	PO402	357	Size	0	R 1/8
			Size of supplier units in pack		
Not Used	PO403	355	Unit or Basis for Measurement Code	Χ	ID 2/2
			Code specifying the units in which a value is being expresse which a measurement has been taken	ed, oi	r manner in
	PO404	103	Packaging Code	0	AN 5/5
			Code identifying the type of packaging; Part 1: Packaging F Packaging Material	Form,	, Part 2:
			1. Use code PKG to indicate an intermediate container. A submitted to ASC X12 to add a code for Intermediate containts code will be available in ASC X12 Version/Release 30 meantime, use this code.	ainer	. If approved,
			2. Use code UNT to indicate a unit container.		-
			3. Use part 2 code 04 in conjunction with part 1 codes PK comply with the X12 min/max attributes of this data element		

			should not be p	rocessed by the receiving applicatio	) <i>11</i> .	
			PKG	Package		
			UNT	Unit		
			04	As Specified by the DOT		
Not Used	PO405	187	Weight Qualifi Code defining t	er he type of weight	0	ID 1/2
Not Used	PO406	384	Gross Weight p Numeric value of	<b>ber Pack</b> of gross weight per pack	Х	R 1/9
Not Used	PO407	355	Code specifying	or Measurement Code () the units in which a value is being () ement has been taken	X expressed, or	<b>ID 2/2</b> manner in
Not Used	PO408	385	Gross Volume		Х	R 1/9
Not Used	PO409	355	Code specifying	or Measurement Code ( the units in which a value is being of ement has been taken	X expressed, or	ID 2/2 manner in
	PO410	82	Length		0	R 1/8
			upright position	tal dimension of an object measured		-
	PO411	189	Width		0	R 1/8
			Shorter measure object in the upr	ement of the two horizontal dimension ight position	ons measured	l with the
	PO412	65	Height "		0	R 1/8
			position	ion of an object measured when the <i>he depth of a container</i> .	object is in t	he upright
	PO413	355	Unit or Basis fo	or Measurement Code	Х	ID 2/2
				the units in which a value is being or ement has been taken	expressed, or	manner in
				table may by required to convert ag	gency codes	used by ASC

Refer to 003040 Data Element Dictionary for acceptable code values.

# Segment:REF Reference NumbersPosition:100Loop:PO1MandatoryLevel:DetailUsage:OptionalMax Use:12Purpose:To specify identifying numbers.tax Notes:1At least one of REF02 or REF03 is required.

Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:

Use the 2/REF/100 segment to identify reference numbers that vary by line item. When the reference number applies to all the line items, use the 1/REF/050 segment.

	Ref. <u>Des.</u>	Data Flomont	Name	Attributos							
Must Use	<u>Des.</u> REF01	<u>Element</u> 128	Reference Number Qualifier Code qualifying the Reference Number.	Attributes M ID 2/2							
			1. Use code 2E to indicate that the item is being sol foreign military sale.	icited as a part of a							
			2. Use code 73 to indicate the statement of work (So within a statement of work where additional inform the SOW is a part of the solicitation, the PWK segn indicate how it is being transmitted to the quoting p included in the solicitation. If it is included in the so following MSG segment, if applicable.	nation can be found. If nent can be used to party if not otherwise							
			3. Use code EV to indicate the office or other symbolic responsible for ensuring the adequacy of the technic								
		4. Use code IJ to indicate the Standard Industrial C of the cited line item.	Classification (SIC) Code								
			5. Use code IL to indicate the requisition number (e MILSTRIP/FEDSTRIP document number).	2.g., the							
							with 7. Us			6. Use code K0 to indicate the approval code on a C with code K0 are found in code source 329.	DRL. Codes associated
								7. Use code K4, if applicable, to indicate the surveil designator that will be applicable to the line item.	lance criticality		
				8. Use code K7 to indicate a particular paragraph o that contains information relative to the line item.	r section in a solicitation						
			the CDRL are to be delivered.		9. Use code KC to indicate an exhibit distribution li the CDRL are to be delivered.	st to which data items on					
				10. Use code KK to indicate a Ship-To address list.							
		11		11. Use code KV to qualify a cited CDRL distribution	on list.						
			12. Use code PH to indicate the MILSTRIP/FEDST	TRIP priority.							
			13. Use code RQ, as appropriate, to indicate an inte purchase request or purchase request order number								

purchase request number, concatenate its line item number with the purchase request number if it is necessary to transmit both numbers.

14. Use code S3 to indicate a specification other than a MILSPEC.

15. Use code ZZ to indicate another type of reference number. When used, indicate the nature of the number in REF03.

16	Military Interdepartmental Purchase Request (MIPR) Number
2E	A specific form used to transmit obligation authority (dollars) and requirements between a service or agency requiring a purchase and a military service or agency responsible for procuring the requirement
ZE	Foreign Military Sales Case Number A reference number designating the foreign military sale records
73	Statement of Work (SOW)
	Description of a product or service to be procured under a contract; statement of requirements
82	Data Item Description (DID) Reference
	Specific data elements that the government will ask a contractor to provide and are spelled out in specific requirement documents
83	Extended (or Exhibit) Line Item Number (ELIN)
	Identifies specific line items to be delivered for a contract
97	Package Number
	A serial number indicating unit shipped
BV	Purchase Order Line Item Identifier (Buyer)
C7	Contract Line Item Number
CH	Customer catalog number
CT	Contract Number
DG	Drawing Number
EV	Receiver Identification Number
	A unique number identifying the organization/site location designated to receive the current transmitted transaction set
IJ	Standard Industry Classification (SIC) Code
IL	Internal Order Number
K0	Approval Code
K4	Criticality Designator
	A number assigned to a contract or order that expresses the relative importance of that contract or order and thereby assists the contractor in making performance decisions and assists in making production surveillance decisions
K6	Purchase Description
K7	Paragraph Number
KC	Exhibit Distribution List
	Qualifies a list of addressees to which the distribution of a cited contract exhibit must be made
KK	Delivery Reference

		KV	Distribution Statement Code
		LT	Lot Number
		P4	Project Code
		PH	Priority Rating
		QC	Product Specification Document Number
			Model designation of replacement component
		RQ	Purchase Requisition No.
		RS	Returnable Container Serial Number
		S2	Military Specification Number (MILSPEC)
		S3	Specification Number
		TN	Transaction Reference Number
		TP	Test Specification Number
		W2	Weapon System Number
			Identifies a weapon system
		W6	Federal Supply Schedule Number
		XE	Identifies an item with a two-digit group number, two- digit part number, and one-character section letter Transportation Priority Number
		ZF	Number indicating the level of government priority associated with the transportation of a shipment Contractor Establishment Code (CEC)
		ZZ	Goverment identifier to designate a contractor; it is nine characters, eight numeric and a final alpha Mutually Defined
REF02	127	<b>Reference</b> Number	X AN 1/30
		Transaction Set, or a	or identification number as defined for a particular as specified by the Reference Number Qualifier.
		extension, concaten	ber has an associated revision number, suffix, or nate the reference number and the nsion number and carry the resultant number in this data
REF03	352	Description	X AN 1/80
		A free-form descrip	tion to clarify the related data elements and their content
		Use to identify addi Use is discouraged.	tional information related to the cited reference number.

# PER Administrative Communications Contact

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:

110
PO1 Mandatory
Detail
Optional
3
To identify a person or office to whom administrative communications should be directed
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.

Semantic Notes: Comments: Notes:

1. Use to identify the names and communication numbers for the administrative points of contact and other named parties.

2. A request has been submitted to ASC X12 to add data element 443, Contact Inquiry Reference, at PER07. This data element will permit citing the title of the party identified in PER02. If approved, this data element will be available for use in ASC X12 Version/Release 3050.

3. Use only for CRDL information.

	Ref.	Data	Dutu	John Summer y		
	Des.	<u>Element</u>	<u>Name</u>			<u>ributes</u>
Must Use	PER01	366	Contact Funct			ID 2/2
				ng the major duty or responsibility of the	-	e .
			1. Use code AU requirements l	I to indicate the party approving the con ist.	tract dat	a
			2. Use code PI AU	to indicate the preparer of the contract Report Authorizer	data requ	uirements list.
			PI	Preparer		
	PER02	93	Name	A firm, organization, or individual tax liability from information supp		
	1 20100		Free-form nam	e		
	PER03	365	name if whole name or use th	ame first, followed by the first name. Do name is longer than 35 characters. Inst e initial of the first name. on Number Qualifier		
	I LIKUD	505		ing the type of communication number		
				country code with code IT.		- restances -
			1. Include the	country coue wan coue 11.		
			2. Use code TE	to indicate the commercial telephone n	umber oj	f the named
			party.			uitte - scitter killeren
			AU	Defense Switched Network		
				Department of Defense telecommu successor of the Automatic Voice 2 (AUTOVON)		s system and
			EM	Electronic Mail		
			FX	Facsimile		
			IT	International Telephone		
			TE	Telephone		
	PER04	364	Communicatio	on Number	Х	AN 1/80
			Complete com	munications number including country or	r area cod	le when

DEDAS	265	applicable	- Normhan Onell'Gen	V	ID 2/2
PER05	365		on Number Qualifier	X	ID 2/2
			g the type of communication number		
		PER02. For ex	a second communications network for the cample, if PER03/04 cites a commercial be used to cite an Electronic Mail addre	telepho	
		1. Do not use c code AU or coa	ode EX unless there is one iteration of I le TE.	PER03/0	4 using either
		2. Include the c	country code with code IT.		
		3. Use code TE party.	to indicate the commercial telephone n	umber o	f the named
		AU	Defense Switched Network		
			Department of Defense telecommu successor of the Automatic Voice I (AUTOVON)		s system and
		EM	Electronic Mail		
		EX	Telephone Extension		
		FX	Facsimile		
		IT	International Telephone		
		TE	Telephone		
PER06	364	Communicatio		Х	AN 1/80
		Complete comr applicable	nunications number including country or	area coo	le when

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		SAC			
	Segment:	SAC	Service, Promotion, Allowance, or Charge Information		
	Position:	130			
	Loop: Level:	PO1 Detail	Mandatory		
	Usage:	Optional			
	Max Use:	25			
	Purpose:		est or identify a service, promotion, allowance, or charge; to spatage for the service, promotion, allowance, or charge	pecify	the amount
Synt	ax Notes:	1 At le	east one of SAC02 or SAC03 is required.		
			ther SAC03 or SAC04 is present, then the other is required.		
			ther SAC06 or SAC07 is present, then the other is required.		
			ther SAC09 or SAC10 is present, then the other is required. AC11 is present, then SAC10 is required.		
			AC13 is present, then at least one of SAC02 or SAC04 is requ	ired.	
			AC14 is present, then SAC13 is required.	mou,	
Seman	tic Notes:	1 If SA 2 SAC	AC01 is "A" or "C", then at least one of SAC05, SAC07, or S C05 is the total amount for the service, promotion, allowance, AC05 is present with SAC07 or SAC08, then SAC05 takes pro	or ch	arge.
			C10 alone is used to indicate a specific quantity which could be		
		that	is applicable to service, promotion, allowance or charge.		
			10 and SAC11 used together indicate a quantity range, which		d be a dollar
			unt, that is applicable to service, promotion, allowance, or cha	<u> </u>	: C C
			C13 is used in conjunction with SAC02 or SAC04 to provide a ber as identified by the code used.	spec	the reference
			C14 is used in conjunction with SAC13 to identify an option w	/hen t	there is more
			one option of the promotion.		
С	omments:		CO4 may be used to uniquely identify the service, promotion, a	llow	ance, or
			ge. In addition, it may be used in conjunction to further the co		
			ome business applications, it is necessary to advise the trading		
			al dollar amount that a particular allowance, charge, or promo duce ambiguity. This amount is commonly referred to a "Doll		
			represented in the SAC segment in SAC10 using the qualifier		
		SAC			Donars in
	Notes:	Use this	2/SAC/130 segment to identify services that vary by line item	1. If	the requested
		services	are applicable to all of the line items, use the 1/SAC/120 seg	nıent	
	75 C	<b>N</b> (	Data Element Summary		
	Ref.	Data Flomont	Name	A ffi	ributes
Must Use	<u>Des.</u> SAC01	Element 248	Name Allowance or Charge Indicator	M	ID 1/1
must Ose	DACOI	240	Code which indicates an allowance or charge for the service		
			1. Use code C to indicate an actual charge, when used, enti-	-	1445
			amount of the charge in SAC05.		
			2. Use code R to comply with the mandatory nature of this	data	element
			when transmitting only a service, promotion, allowance, or		
			SAC02. When used in that manner, enter the value "0" in		C05 to comply
			with semantic note governing the use of that data element.		siite
			A Allowance		
			C Charge		
			R Allowance Request		
	SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID 4/4
			Code identifying the service, promotion, allowance, or charge	ge	
			Use any code.	1	
			Refer to 003040 Data Element Dictionary for acceptable coo	de va	lues.
Not Used	SAC03	559	Agency Qualifier Code	Х	ID 2/2

			Code identifying the agency assigning the code values		
Not Used	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	X	AN 1/10
			Agency maintained code identifying the service, promotion	, allo	wance, or
	SAC05	610	charge Amount	0	N2 1/15
	SACVS	010	Monetary amount	0	NZ 1/15
Not Used	SAC06	378	Allowance/ Charge Percent Qualifier	x	ID 1/1
			Code indicating on what basis allowance or charge percent	is cal	
Not Used	SAC07	332	Allowance or Charge Percent	X	R 1/6
			Allowance or charge expressed as a percent.		
Not Used	SAC08	359	Allowance or Charge Rate	0	R 1/9
			Allowance or Charge Rate per Unit		
Not Used	SAC09	355	Unit or Basis for Measurement Code	X	ID 2/2
			Code specifying the units in which a value is being express	ed, oi	manner in
Not Used	SAC10	339	which a measurement has been taken	x	R 1/10
NUL USEd	SACIU	339	Allowance or Charge Quantity Quantity basis when allowance or charge quantity is differe		
			purchase order or invoice quantity	in iic	Jii uic
Not Used	SAC11	339	Allowance or Charge Quantity	0	R 1/10
			Quantity basis when allowance or charge quantity is different	nt fro	om the
Not Used	SAC12	331	purchase order or invoice quantity Allowance or Charge Method of Handling Code	0	ID 2/2
Not Used	SAC12	551	Code indicating method of handling for an allowance or ch	-	117 414
Not Used	SAC13	127	Reference Number	X	AN 1/30
			Reference number or identification number as defined for a	*	
			Transaction Set, or as specified by the Reference Number (	~	
Not Used	SAC14	770	Option Number	0	AN 1/20
			A unique number identifying available promotion or allowated more than one is offered	nce o	ptions when
Not Used	SAC15	352	Description	0	AN 1/80
			A free-form description to clarify the related data elements	and t	heir content

Segment:	IT8 Conditions of Sale
Position:	140
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify general conditions or requirements and to detail conditions for substitution of alternate products
Syntax Notes:	1 At least one of IT801 IT802 IT803 IT805 or IT807 is required.
	2 If IT808 is present, then IT809 is required.
	3 If IT810 is present, then IT811 is required.
	4 If IT812 is present, then IT813 is required.
	5 If IT814 is present, then IT815 is required.
	6 If IT816 is present, then IT817 is required.
	7 If IT818 is present, then IT819 is required.
	8 If IT820 is present, then IT821 is required.
	9 If IT822 is present, then IT823 is required.
	10 If IT824 is present, then IT825 is required.
	11 If IT826 is present, then IT827 is required.
Semantic Notes:	1 IT804 is the account number to which the purchase amount is to be charged.
Comments:	1 Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of ID's.
	2 IT808 through IT827 provides for ten (10) different product/service ID's for each item. Example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.
Notes:	Use the 2/IT8/140 segment to identify conditions of sale that apply to a line item. If the conditions of sale apply to all of the line items in the solicitation, use the 1/CSH/110 segment. Data maintenance has been submitted to ASC X12 to increase the maximum use of this segment to 25. If approved, that increase will be effective with ASC X12 Version/Release 3050.

Data Element Summary

Ref.	Data		·		
Des.	<u>Element</u>	<u>Name</u>		Att	<u>ributes</u>
IT801	563	Sales Require	ment Code	Х	ID 1/2
		Code to identif	fy a specific requirement or agreement o	f sale	
		for: Restricted Institutions, R Preparedness Restricted to Q List (QPL) Pro Unlisted Sales Young Investig use in ASC XI 1. Use code SC	ance has been sent to ASC X12 asking j to Historically Black Colleges and Uni- estricted to Educational Institutions, R. Program Participants, Restricted to Qu Qualified Manufacturers List, Restricted oducts, Restricted to U.S. and Canadian Condition, Unrestricted Procurement, gator Program. If approved, those codu 2 Version/Release 3050. C to indicate that partial shipments will 10 indicate that the cited line item is to	iversities o estricted to alified Bia 1 to Qualif 1 Sources, and Restru- es will be a not be acc	r Minority o Industrial Iders List, fied Products Other icted to tvailable for repted.
		3. Use code Z	to indicate a warranty is required.		
		IS in mathem	Substitute Item Allowed	12000	
		P2	Ship As Soon As Possible		
		P4	Do Not Preship		
		SC	Ship Complete		
		SV	Ship Per Release		
		Z	Mutually Defined		

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Not Used	IT802	564	Do-Not-Exceed Action Code	X	ID 1/1
			Code indicating the action to be taken if the order amount $D_{2}$ Not $F_{2}$ = 1.4 moment (5.65)	excee	ds the value of
Not Hood	177002	E6E	Do-Not-Exceed Amount (565) Do-Not-Exceed Amount	x	N2 2/9
Not Used	IT803	565	Maximum monetary amount value which the order must n		
Not Used	IT804	508	Account Number	0	AN 1/35
Not Oscu	11004	500	Account number assigned	0	ALT 1/55
Not Used	IT805	596	Required Invoice Date	X	DT 6/6
1.00 0.504	11000	070	Date specified by the sender to be shown on the invoice.		
Not Used	IT806	559	Agency Qualifier Code	0	ID 2/2
			Code identifying the agency assigning the code values		
	IT807	566	<b>Product/Service</b> Substitution Code	X	ID 1/2
			Code indicating product or service substitution conditions		
			1. Use only one of codes A, X, or Y when IT801 is code 1	S, to i	dentify any
			conditions applicable to offering a substitute product.	Í	
			2. Use code B0 only when IT801 does not cite code IS.		
			3. Use code X to indicate when an "or equal" product is	haine	solicitad
			A No Quantity or Unit of Measure Chai		
			B0 No Substitution Allowed	-90	
			X Equivalent Item Substitution		
			Y Alternate Item Substitution Allowed		
Not Used	IT808	235	Product/Service ID Qualifier	0	ID 2/2
Not Useu	11000	433	Code identifying the type/source of the descriptive number		
			Product/Service ID (234)		
Not Used	IT809	234	Product/Service ID	Χ	AN 1/30
			Identifying number for a product or service		
Not Used	IT810	235	Product/Service ID Qualifier	0	ID 2/2
			Code identifying the type/source of the descriptive number	rused	ın
Not Used	IT811	234	Product/Service ID (234) Product/Service ID	х	AN 1/30
Not Osed	11011	237	Identifying number for a product or service	21	ALC 1/50
Not Used	IT812	235	Product/Service ID Qualifier	0	ID 2/2
1100 0000			Code identifying the type/source of the descriptive number	r used	
			Product/Service ID (234)		
Not Used	IT813	234	Product/Service ID	X	AN 1/30
			Identifying number for a product or service		
Not Used	IT814	235	Product/Service ID Qualifier	0	ID 2/2
			Code identifying the type/source of the descriptive number Product/Service ID (234)	used	m
Not Used	IT815	234	Product/Service ID (254)	X	AN 1/30
Not Oscu	11015		Identifying number for a product or service	2 1	1111 1/00
Not Used	IT816	235	Product/Service ID Qualifier	0	ID 2/2
			Code identifying the type/source of the descriptive number	used	
			Product/Service ID (234)		
Not Used	IT817	234	Product/Service ID	Х	AN 1/30
			Identifying number for a product or service	0	
Not Used	IT818	235	Product/Service ID Qualifier	0	ID 2/2
			Code identifying the type/source of the descriptive number Product/Service ID (234)	นระน	111
Not Used	IT819	234	Product/Service ID	X	AN 1/30
			Identifying number for a product or service		
Not Used	IT820	235	Product/Service ID Qualifier	0	ID 2/2
			Code identifying the type/source of the descriptive number	used	in

			Product/Service ID (234)		
Not Used	IT821	234	Product/Service ID	Χ	AN 1/30
			Identifying number for a product or service		
Not Used	IT822	235	Product/Service ID Qualifier	0	ID 2/2
			Code identifying the type/source of the descriptive number	r used	in
			Product/Service ID (234)		
Not Used	IT823	234	Product/Service ID	X	AN 1/30
			Identifying number for a product or service		
Not Used	IT824	235	Product/Service ID Qualifier	0	ID 2/2
			Code identifying the type/source of the descriptive number	r used	in
			Product/Service ID (234)		
Not Used	IT825	234	Product/Service ID	X	AN 1/30
			Identifying number for a product or service		
Not Used	IT826	235	Product/Service ID Qualifier	0	ID 2/2
			Code identifying the type/source of the descriptive number	r used	in
			Product/Service ID (234)		
Not Used	IT827	234	Product/Service ID	X	AN 1/30
			Identifying number for a product or service		

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	Segment:	FOE	<b>F.O.B.</b> Rela	ated Instructions		
	Position:	180				
	Loop:	PO1	Mandatory			
	Level: Usage:	Detail Optional				
	Max Use:	1				
	Purpose:			on instructions relating to shipm	ient	
Syn	tax Notes:			t, then FOB02 is required.		
				nt, then FOB05 is required. It, then FOB06 is required.		
				it, then FOB09 is required.		
Seman	tic Notes:	1 FOE	01 indicates w	which party will pay the carrier.		
				specifying transportation responses		
				specifying the title passage loca specifying the point at which the		ers This may
				e location specified in FOB02/I		
С	omments:					
	Notes:			segment to identify the FOB po line item. If the FOB point an		
		* *	· 1 ·	the 1/FOB/080 segment.	iu acceptance tocui	ion apply to all
					*	
		2. This s	egment is not .	necessary when the item being	solicited is a service	en and and a state of the state
			Data	Element Summary		
	Ref.	Data		v		
Mar 4 II -	Des.	Element	<u>Name</u>	- the share of Decomposite		tributes
Must Use	FOB01	146	-	ethod of Payment ying payment terms for transpor	tation charges	ID 2/2
			-	BP to indicate when the FOB p	-	urce).
			0.77		.r. • • . •	
			2. Use code 1 to an invoice	PE when shipping costs are aut	norized to be prepa	id and added
				PP to indicate when the FOB po	oint is destination.	
			BP	Paid by Buyer	4	
				The buyer agrees to the requiring the buyer to p		
				specified location (origi		-
			PE	Prepaid and Summary I	Bill	
			РР	Prepaid (by Seller)		
	FOB02	309	Location Qu		X	ID 1/2
				ving type of location	April 1	i deservation i se
			Use to taenti	fy the FOB point.		
			1. Use code l	T to indicate a Freight Forwar	der.	
				ZZ to indicate that the FOB poi When used, cite the actual FO		
			FOB point is	an address or geographical loo of the appropriate N1 loop, us	cation, use in conju	nction with
			DE	Destination (Shipping)	AND CONC ALX IN 1110	
			FV	Free Alongside Vessel (	(Free On Board [F.C	D.B.] Point)
			IT	Intermediate FOB Point	t	
				A location indicating th	-	

			OR ZZ	Origin (Shipping Point) Mutually Defined		
	FOB03	352	Description		0	AN 1/80
			A free-form des	cription to clarify the related data elem	ents and t	heir content
			use one iteratio	the FOB point only when FOB02 is constant of the N1 loop, using code KX in N1 FOB point. Use of this data element is	01, to spe	cify the
Not Used	FOB04	334	Transportation	Terms Qualifier Code g the source of the transportation terms	0	ID 2/2
Not Used	FOB05	335	Transportation	-	х	ID 3/3
			•	g the trade terms which apply to the shi	ipment tra	
	FOB06	309	Location Quali	fier	X	ID 1/2
			Code identifying	g type of location		
			1. Use to identi	fy the acceptance point.		· . *
			at destination. actual FOB poi	to identify that the acceptance point i When used, cite the actual acceptance int is an address or geographical locat on of the N1 loop, using code ZZ in N Destination (Shipping)	point in . ion, use in	FOB07. If the
			OR	Origin (Shipping Point)		
			ZZ	Mutually Defined		
	FOB07	352	Description		0	AN 1/80
			A free-form des	cription to clarify the related data elem	ents and t	heir content
			use one iteratio	the acceptance point when FOB06 is c n of the 1/N1/310 loop, using code ZZ acceptance point. Use of this data elem	in N101,	to identify the
Not Used	FOB08	54	Risk of Loss Q	ualifier	0	ID 2/2
				where responsibility for risk of loss pa		
Not Used	FOB09	352	Description		X	AN 1/80
			A free-form des	cription to clarify the related data elem	ents and t	neir content

	Segment:	SDC	Destination Quantity	
	_		Destination Quantity	
	Position:	190 PO1	Mandatory	
	Loop: Level:	Detail	Mandatory	
	Usage:	Optional		
	Max Use:	50		
	Purpose:		fy destination and quantity detail	
Syn	tax Notes:		Q05 is present, then SDQ06 is required.	
·		2 If SI	DQ07 is present, then SDQ08 is required.	
			OQ09 is present, then SDQ10 is required.	
			DQ11 is present, then SDQ12 is required.	
			DQ13 is present, then SDQ14 is required.	
			DQ15 is present, then SDQ16 is required.	
			DQ17 is present, then SDQ18 is required. DQ19 is present, then SDQ20 is required.	
			DQ21 is present, then SDQ20 is required.	
Seman	tic Notes:		23 identifies the area within the location id	entified in SDO03, SDO05, SDO07,
			09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ	
С	omments:		02 is used only if different than previously	
			23 may be used to identify areas within a st	
			ng outpost, end aisle display, etc. The value	is agreed to by trading partners or
			stry conventions.	
	Notes:		egment when known quantities of the line	
			s on the same date, and the locations can be umber, a DoDAAC or civilian agency activ	
		DUNDA	amoer, a popriste or etriaan ageney activ	my ununcos coucy or united the state and a second
			Data Element Summary	
	Ref.	Data		
	Des.	<u>Element</u>	Name	Attuilantoo
	20000			Attributes
Must Use	SDQ01	355	Unit or Basis for Measurement Code	M ID 2/2
Must Use			<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value	M ID 2/2
Must Use			Unit or Basis for Measurement Code Code specifying the units in which a value which a measurement has been taken	M ID 2/2
Must Use			<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value	M ID 2/2
Must Use			Unit or Basis for Measurement Code Code specifying the units in which a value which a measurement has been taken 1. Use any code.	M ID 2/2 e is being expressed, or manner in
Must Use			<ul> <li>Unit or Basis for Measurement Code</li> <li>Code specifying the units in which a value which a measurement has been taken</li> <li>1. Use any code.</li> <li>2. A conversion table may be required to a</li> </ul>	M ID 2/2 e is being expressed, or manner in
Must Use			Unit or Basis for Measurement Code Code specifying the units in which a value which a measurement has been taken 1. Use any code.	M ID 2/2 e is being expressed, or manner in convert agency codes to the codes
Must Use			<ul> <li>Unit or Basis for Measurement Code</li> <li>Code specifying the units in which a value which a measurement has been taken</li> <li>1. Use any code.</li> <li>2. A conversion table may be required to a used by ASC X12.</li> </ul>	M ID 2/2 e is being expressed, or manner in convert agency codes to the codes
Must Use	SDQ01	355	<ul> <li>Unit or Basis for Measurement Code</li> <li>Code specifying the units in which a value</li> <li>which a measurement has been taken</li> <li>1. Use any code.</li> <li>2. A conversion table may be required to a used by ASC X12.</li> <li>Refer to 003040 Data Element Dictionary</li> </ul>	M ID 2/2 e is being expressed, or manner in convert agency codes to the codes for acceptable code values. O ID 1/2
Must Use	SDQ01	355	<ul> <li>Unit or Basis for Measurement Code</li> <li>Code specifying the units in which a value which a measurement has been taken</li> <li>1. Use any code.</li> <li>2. A conversion table may be required to a used by ASC X12.</li> <li>Refer to 003040 Data Element Dictionary</li> <li>Identification Code Qualifier</li> <li>Code designating the system/method of code (67)</li> </ul>	M ID 2/2 e is being expressed, or manner in convert agency codes to the codes for acceptable code values. O ID 1/2 ode structure used for Identification
Must Use	SDQ01	355	<ul> <li>Unit or Basis for Measurement Code</li> <li>Code specifying the units in which a value which a measurement has been taken</li> <li>1. Use any code.</li> <li>2. A conversion table may be required to a used by ASC X12.</li> <li>Refer to 003040 Data Element Dictionary</li> <li>Identification Code Qualifier</li> <li>Code designating the system/method of code (67)</li> <li>1. Use of the DUNS or DUNS+4 number</li> </ul>	M ID 2/2 e is being expressed, or manner in convert agency codes to the codes for acceptable code values. O ID 1/2 ode structure used for Identification c (code 1 or code 9) is preferred over
Must Use	SDQ01	355	<ul> <li>Unit or Basis for Measurement Code</li> <li>Code specifying the units in which a value which a measurement has been taken</li> <li>1. Use any code.</li> <li>2. A conversion table may be required to a used by ASC X12.</li> <li>Refer to 003040 Data Element Dictionary</li> <li>Identification Code Qualifier</li> <li>Code designating the system/method of code (67)</li> </ul>	M ID 2/2 e is being expressed, or manner in convert agency codes to the codes for acceptable code values. O ID 1/2 ode structure used for Identification c (code 1 or code 9) is preferred over
Must Use	SDQ01	355	<ul> <li>Unit or Basis for Measurement Code</li> <li>Code specifying the units in which a value which a measurement has been taken</li> <li>1. Use any code.</li> <li>2. A conversion table may be required to a used by ASC X12.</li> <li>Refer to 003040 Data Element Dictionary</li> <li>Identification Code Qualifier</li> <li>Code designating the system/method of con Code (67)</li> <li>1. Use of the DUNS or DUNS+4 number any other coded number to identify a name</li> </ul>	M ID 2/2 e is being expressed, or manner in convert agency codes to the codes for acceptable code values. O ID 1/2 ode structure used for Identification (code 1 or code 9) is preferred over med party.
Must Use	SDQ01	355	<ul> <li>Unit or Basis for Measurement Code</li> <li>Code specifying the units in which a value which a measurement has been taken</li> <li>1. Use any code.</li> <li>2. A conversion table may be required to used by ASC X12.</li> <li>Refer to 003040 Data Element Dictionary</li> <li>Identification Code Qualifier</li> <li>Code designating the system/method of concode (67)</li> <li>1. Use of the DUNS or DUNS+4 number any other coded number to identify a name</li> <li>2. Use code 10 to indicate either a Depart</li> </ul>	M ID 2/2 e is being expressed, or manner in convert agency codes to the codes for acceptable code values. O ID 1/2 ode structure used for Identification (code 1 or code 9) is preferred over med party.
Must Use	SDQ01	355	<ul> <li>Unit or Basis for Measurement Code</li> <li>Code specifying the units in which a value which a measurement has been taken</li> <li>1. Use any code.</li> <li>2. A conversion table may be required to a used by ASC X12.</li> <li>Refer to 003040 Data Element Dictionary</li> <li>Identification Code Qualifier</li> <li>Code designating the system/method of con Code (67)</li> <li>1. Use of the DUNS or DUNS+4 number any other coded number to identify a name</li> </ul>	M ID 2/2 e is being expressed, or manner in convert agency codes to the codes for acceptable code values. O ID 1/2 ode structure used for Identification (code 1 or code 9) is preferred over med party.
Must Use	SDQ01	355	<ul> <li>Unit or Basis for Measurement Code</li> <li>Code specifying the units in which a value which a measurement has been taken</li> <li>1. Use any code.</li> <li>2. A conversion table may be required to used by ASC X12.</li> <li>Refer to 003040 Data Element Dictionary</li> <li>Identification Code Qualifier</li> <li>Code designating the system/method of concode (67)</li> <li>1. Use of the DUNS or DUNS+4 number any other coded number to identify a name</li> <li>2. Use code 10 to indicate either a Depart</li> </ul>	M ID 2/2 e is being expressed, or manner in convert agency codes to the codes for acceptable code values. O ID 1/2 ode structure used for Identification (code 1 or code 9) is preferred over med party.
Must Use	SDQ01	355	<ul> <li>Unit or Basis for Measurement Code</li> <li>Code specifying the units in which a value which a measurement has been taken</li> <li>1. Use any code.</li> <li>2. A conversion table may be required to a used by ASC X12.</li> <li>Refer to 003040 Data Element Dictionary</li> <li>Identification Code Qualifier</li> <li>Code designating the system/method of code (67)</li> <li>1. Use of the DUNS or DUNS+4 number any other coded number to identify a nam</li> <li>2. Use code 10 to indicate either a Depart Agency Activity Address Code.</li> </ul>	M ID 2/2 e is being expressed, or manner in convert agency codes to the codes for acceptable code values. O ID 1/2 ode structure used for Identification (code 1 or code 9) is preferred over med party. tment of Defense or a Civilian
Must Use	SDQ01	355	<ul> <li>Unit or Basis for Measurement Code Code specifying the units in which a value which a measurement has been taken</li> <li>1. Use any code.</li> <li>2. A conversion table may be required to used by ASC X12.</li> <li>Refer to 003040 Data Element Dictionary</li> <li>Identification Code Qualifier</li> <li>Code designating the system/method of co Code (67)</li> <li>1. Use of the DUNS or DUNS+4 number any other coded number to identify a nam</li> <li>2. Use code 10 to indicate either a Depart Agency Activity Address Code.</li> <li>3. Use code 33 to indicate vendors with C.</li> <li>4. Use code A2 to indicate a MAPAC add</li> </ul>	M ID 2/2 e is being expressed, or manner in convert agency codes to the codes for acceptable code values. O ID 1/2 ode structure used for Identification (code 1 or code 9) is preferred over med party. ment of Defense or a Civilian CAGE codes.
Must Use	SDQ01	355	Unit or Basis for Measurement CodeCode specifying the units in which a valuewhich a measurement has been taken1. Use any code.2. A conversion table may be required to a used by ASC X12.Refer to 003040 Data Element DictionaryIdentification Code QualifierCode designating the system/method of colCode (67)1. Use of the DUNS or DUNS+4 numberany other coded number to identify a nam2. Use code 10 to indicate either a DepartAgency Activity Address Code.3. Use code 33 to indicate vendors with Colspan="2">Code A2 to indicate a MAPAC add1D-U-N-S Number, D	M ID 2/2 e is being expressed, or manner in convert agency codes to the codes for acceptable code values. O ID 1/2 ode structure used for Identification (code 1 or code 9) is preferred over med party. coment of Defense or a Civilian CAGE codes. ress.
Must Use	SDQ01	355	Unit or Basis for Measurement CodeCode specifying the units in which a valuewhich a measurement has been taken1. Use any code.2. A conversion table may be required to a used by ASC X12.Refer to 003040 Data Element DictionaryIdentification Code QualifierCode designating the system/method of colCode (67)1. Use of the DUNS or DUNS+4 numberany other coded number to identify a nam2. Use code 10 to indicate either a DepartAgency Activity Address Code.3. Use code 33 to indicate vendors with Colspan="2">Code A2 to indicate a MAPAC add1D-U-N-S Number, D	M ID 2/2 e is being expressed, or manner in convert agency codes to the codes for acceptable code values. O ID 1/2 ode structure used for Identification (code 1 or code 9) is preferred over med party. ment of Defense or a Civilian CAGE codes.
Must Use	SDQ01	355	Unit or Basis for Measurement CodeCode specifying the units in which a valuewhich a measurement has been taken1. Use any code.2. A conversion table may be required to a used by ASC X12.Refer to 003040 Data Element DictionaryIdentification Code QualifierCode designating the system/method of colCode designating the system/method of colCode (67)1. Use of the DUNS or DUNS+4 numberany other coded number to identify a nam2. Use code 10 to indicate either a DepartAgency Activity Address Code.3. Use code 33 to indicate vendors with Colspan="2">Code1D-U-N-S Number, D9D-U-N-S Number, DDD-U-N-S Number, DDD-U-N-S Number, DD </th <th>M ID 2/2 e is being expressed, or manner in convert agency codes to the codes for acceptable code values. O ID 1/2 ode structure used for Identification (code 1 or code 9) is preferred over med party. coment of Defense or a Civilian CAGE codes. ress.</th>	M ID 2/2 e is being expressed, or manner in convert agency codes to the codes for acceptable code values. O ID 1/2 ode structure used for Identification (code 1 or code 9) is preferred over med party. coment of Defense or a Civilian CAGE codes. ress.
Must Use	SDQ01	355	Unit or Basis for Measurement CodeCode specifying the units in which a valuewhich a measurement has been taken1. Use any code.2. A conversion table may be required to a used by ASC X12.Refer to 003040 Data Element DictionaryIdentification Code QualifierCode designating the system/method of colCode designating the system/method of colCode (67)1. Use of the DUNS or DUNS+4 number any other coded number to identify a nam2. Use code 10 to indicate either a Depart Agency Activity Address Code.3. Use code 33 to indicate vendors with C.4. Use code A2 to indicate a MAPAC add1D-U-N-S Number, D9D-U-N-S Humber, D9D-U-N-SHA, D-U-N-Suffix10Department of Defen (DODAAC)	M ID 2/2 e is being expressed, or manner in convert agency codes to the codes for acceptable code values. O ID 1/2 ode structure used for Identification (code 1 or code 9) is preferred over med party. tment of Defense or a Civilian CAGE codes. tress.

			Contained in the M Directory (MAPA	e Program Address Code Military Assistance Progra D); represents the locatio	am Address
Must Use	SDQ03	67	entity Identification Code Code identifying a party or other code	М	AN 2/17
Must Use	SDQ04	380	Quantity Numeric value of quantity	Μ	R 1/15
	SDQ05	67	<b>Identification Code</b> Code identifying a party or other code	0	AN 2/17
	SDQ06	380	Quantity Numeric value of quantity	Х	R 1/15
	SDQ07	67	<b>Identification Code</b> Code identifying a party or other code	0	AN 2/17
	SDQ08	380	Quantity Numeric value of quantity	Х	R 1/15
	SDQ09	67	<b>Identification Code</b> Code identifying a party or other code	0	AN 2/17
	SDQ10	380	Quantity Numeric value of quantity	Х	R 1/15
	SDQ11	67	<b>Identification Code</b> Code identifying a party or other code	0	AN 2/17
	SDQ12	380	Quantity Numeric value of quantity	Х	R 1/15
	SDQ13	67	<b>Identification Code</b> Code identifying a party or other code	0	AN 2/17
	SDQ14	380	Quantity Numeric value of quantity	Х	R 1/15
	SDQ15	67	<b>Identification Code</b> Code identifying a party or other code	0	AN 2/17
	SDQ16	380	Quantity Numeric value of quantity	Х	R 1/15
	SDQ17	67	<b>Identification Code</b> Code identifying a party or other code	0	AN 2/17
	SDQ18	380	<b>Quantity</b> Numeric value of quantity	Х	R 1/15
	SDQ19	67	<b>Identification Code</b> Code identifying a party or other code	0	AN 2/17
	SDQ20	380	<b>Quantity</b> Numeric value of quantity	Х	R 1/15
	SDQ21	67	<b>Identification Code</b> Code identifying a party or other code	0	AN 2/17
	SDQ22	380	<b>Quantity</b> Numeric value of quantity	Х	R 1/15
	SDQ23	310	<b>Location Identifier</b> Code which identifies a specific location	O n	AN 1/30

## **DTM** Date/Time Reference

Segment:	
<b>Position:</b>	
Loop:	
Level:	
Usage:	
Max Use:	
Purpose:	
Syntax Notes:	

200
PO1 Mandatory
Detail
Optional
10
To specify pertinent dates and times
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 the segment to identify actual dates relative to the item being solicited or documents associated with the line item.

2. Use this segment for delivery information when the required delivery can be specified as an actual date. If the required delivery schedule is expressed as a set number of calendar days after the occurrence of some event, e.g., receipt of the order, use the 2/LDT/298 loop.

3. Use this 2/DTM/200 segment if the date applies to a specific line item. If the date applies to all line items, use the 1/DTM/150 segment.

Must Use	Ref. <u>Des.</u> DTM01	Data <u>Element</u> 374	Name         Date/Time Qualifier         Code specifying type of date or time, or both date and time	Attributes M ID 3/3
			1. Use code 077 to specify the beginning date of the week.	· * *
			2. Use code 106 to indicate delivery is due exactly on the sp code 996 for due on or before a specified date.	necified date. Use
			3. Use code 150 to indicate the performance commenceme item that is soliciting a service.	nt date for a line
			4. Use code 151 to indicate the performance completion da that is soliciting a service.	tte for a line item
		5. When code 174 is used, cite the last date of the month.		
			6. Use code 275 to specify the approval date of a Contract . Requirements List (CDRL).	Data
			7. Use code 405 to specify the preparation date of a Contra Requirements List (CDRL).	ect Data
		8. Use code 600 to specify the "as of" date for the submiss	ion of data.	
		9. Use code 601 to specify the date of the first submission of specified by Contract Data Requirements List (CDRL).	of a data item	
			10. Use code 602 to specify the date(s) of a subsequent sub data item specified by a Contract Data Requirements List (	
			11. Use code 996 to indicate the required delivery date whe made on or before the specified date.	en delivery can be
			037 Ship Not Before	

		0.63	
		063	Do Not Deliver After
		064	Do Not Deliver Before
		065	1st Schedule Delivery
		066	1st Schedule Ship
		077	Requested for Delivery (Week of)
		106	Required By
		150	Service Period Start
		151	Service Period End
		174	Month Ending
		275	Approved
			Date report was approved by contractor representative
		373	Order Start
		374	Order End
		405	Point after which data can no longer be used (or becomes invalid for use) Production
		105	Used to identify dates and times that operations or
		600	processes were performed As Of
		601	First Submission
		602	Subsequent Submission
		996	Required Delivery
			A date on which or before, ordered goods or services must be delivered
DTM02	373	Date	X DT 6/6
		Date (YYMMDD)	
DTM03	337	Time	X TM 4/8
		HHMMSSD, or HI 59), $S = integer sec$	24-hour clock time as follows: HHMM, or HHMMSS, or HMMSSDD, where $H =$ hours (00-23), $M =$ minutes (00- conds (00-59) and DD = decimal seconds; decimal seconds llows: D = tenths (0-9) and DD = hundredths (00-99)
DTM04	623	Time Code	O  ID 2/2
		Organization stands in hours in relation	te time. In accordance with International Standards ard 8601, time can be specified by a + or - and an indicatio to Universal Time Coordinate (UTC) time; since + is a , + and - are substituted by P and M in the codes that follow
		CD	Central Daylight Time
		CS	Central Standard Time
		CT	Central Time
		ED	Eastern Daylight Time
		ES	Eastern Standard Time
		ET	Eastern Time
		GM	Greenwich Mean Time
		LT	Local Time
		MD	Mountain Daylight Time
		MS	Mountain Standard Time
		MT	Mountain Time
		PD	Pacific Daylight Time
		PS	Pacific Standard Time
		РТ	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	Χ	ID 2/3		
		Code indicating the date format, time format, or date a	and time for	rmat		
	Use only when the date or time cannot be expressed i format. In that case, use any code and specify the da DTM07.					
		Refer to 003040 Data Element Dictionary for acceptat	ole code va	lues.		
DTM07 1251	1251	Date Time Period	X	AN 1/35		
		Expression of a date, a time, or range of dates, times or dates and times				
	When delivery is specified as a range of time for a given and the specified as a range of times for a deliver of times for a deliver ween 1:00 PM and 4:00 PM local time. Use DTM March 30, 1994 date.	ivery on M	arch 30, 1994			

	Segment:	SCF	Line Item Sch	edule		
	Position:	220		- a a f		
	Loop:	PO1	Mandatory			
	Level:	Detail				
	Usage:	Optional				
	Max Use:	104				
Sum	Purpose: tax Notes:			eduling a specific line-item		
Syn	tax notes:			ien SCH04 is required. ien SCH08 is required.		
Seman	ntic Notes:		[12 is the schedule			
C	omments:			nterpretation to be used for SCH06 and SC	H07.	
	Notes:			nt to describe a partial delivery applicable	e to a	line item,
		when it o	can be specified as	s an actual date.		ti ti linat takin – a sudiad ana tati
			Data El	ement Summary		
	Ref.	Data	N			<b>43</b>
Must Use	<u>Des.</u> SCH01	Element 380	<u>Name</u> Quantity		Att M	ributes R 1/15
wiust Use	SCHUI	300	<b>Quantity</b> Numeric value o	f quantity	IVI	R 1/15
Must Use	SCH02	355		r Measurement Code	М	ID 2/2
Must obe	Bente	000		the units in which a value is being express		
				ment has been taken	,	
			1. Use any code.			
			2. 4	and the second		4- 41
			used by ASC XI.	table may be required to convert agency o ?	oues	to the codes
				Data Element Dictionary for acceptable co	ode va	lues.
Not Used	SCH03	98	Entity Identifier		0	ID 2/2
				an organizational entity, a physical location	on, or	an individual
Not Used	SCH04	93	Name		X	AN 1/35
			Free-form name			
Must Use	SCH05	374	Date/Time Qual		Μ	ID 3/3
			1 5 0	type of date or time, or both date and time		atalar *
			1. Use code 077	to specify the beginning date of the week.		
			2 Here code 106	when the delivery is due exactly on the sp	ecifie	d date Ilse
				on or before a specified date.	cergie	
			3. When code 17	4 is used, cite the last date of the month.		
			A Ilsa anda 006	to indicate the required delivery date whe	n doli	voru can ho
				re the specified date.	n uen	very cun be
			037	Ship Not Before	29836-	an 1970 tahul 1974 atau katika kat
			063	Do Not Deliver After		
			064	Do Not Deliver Before		
			065	1st Schedule Delivery		
			066	1st Schedule Ship		
			077	Requested for Delivery (Week of)		
			106	Required By		
			174	Month Ending		
			996	Required Delivery		
				A date on which or before, ordered go	ods o	r se <b>rvi</b> ces
M	0.0110		D (	must be delivered	3.5	
Must Use	SCH06	373	Date		Μ	DT 6/6

			Date (YYMME	DD)
Not Used	SCH07	337	HHMMSSD, or $59$ ), S = integer	O TM 4/8 I in 24-hour clock time as follows: HHMM, or HHMMSS, or r HHMMSSDD, where H = hours (00-23), M = minutes (00- seconds (00-59) and DD = decimal seconds; decimal seconds s follows: D = tenths (0-9) and DD = hundredths (00-99)
	SCH08	374	Date/Time Qu	
			Code specifying	g type of date or time, or both date and time
			1. Use code 07:	7 to specify the beginning date of the week.
				5 when the delivery is due exactly on the specified date. Use ie on or before a specified date.
			3. When code 1	74 is used, cite the last date of the month.
				5 to indicate the required delivery date when delivery can be fore the specified date.
			063	Do Not Deliver After
			064	Do Not Deliver Before
			065	1st Schedule Delivery
			066	1st Schedule Ship
			077	Requested for Delivery (Week of)
			106	Required By
			174	Month Ending
			996	Required Delivery
				A date on which or before, ordered goods or services must be delivered
	SCH09	373	Date	O DT 6/6
			Date (YYMMD	D)
Not Used	SCH10	337	HHMMSSD, or	O TM 4/8 in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSDD, where $H = hours (00-23)$ , $M = minutes (00-seconds (00-59) and DD = decimal seconds; decimal seconds$
				s follows: $D = tenths$ (0-9) and $DD = hundredths$ (00-99)
	SCH11	326	Request Refere	
			and query (addi contract numbe	ber or RFQ number to use to identify a particular transaction set tional reference number or description which can be used with r) ble, to cross-reference the cited line item.
Not Used	SCH12	350	Assigned Ident	summer .
	~ ~ * * * *			haracters assigned for differentiation within a transaction set

# TD5 Carrier Details (Routing Sequence/Transit Time)

Segment:

Position:250Loop:PO1MandatoryLevel:DetailUsage:OptionalMax Use:12Purpose:To specify the carrier and sequence of routing and provide transit time informationSyntax Notes:1At least one of TD502 TD504 TD505 TD506 or TD512 is required.2If TD502 is present, then TD503 is required.3If TD507 is present, then TD508 is required.4If TD510 is present, then TD511 is required.Semantic Notes:1Comments:1When 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 the 2/TD5/250 segment to identify the transportation method that is applicable to a line item. If the transportation method applies to al line item, use the 1/TD5/240 segment.2. Use the 2/TD5/420 segment when the transportation method applies to a line item and is dependent upon the citing of a named entity.		
Level:DetailUsage:OptionalMax Use:12Purpose:To specify the carrier and sequence of routing and provide transit time informationSyntax Notes:1At least one of TD502 TD504 TD505 TD506 or TD512 is required.2If TD502 is present, then TD503 is required.3If TD507 is present, then TD508 is required.4If TD510 is present, then TD511 is required.Semantic Notes:1Comments:1Notes:1Notes:1Notes:1. Use the 2/TD5/250 segment to identify the transportation method applies to a line item.2. Use the 2/TD5/420 segment when the transportation method applies to a line item	Position:	250
Usage:OptionalMax Use:12Purpose:To specify the carrier and sequence of routing and provide transit time informationSyntax 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.5 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 the 2/TD5/250 segment to identify the transportation method that is applicable to a line item. If the transportation method applies to a line item2. Use the 2/TD5/420 segment when the transportation method applies to a line item	Loop:	PO1 Mandatory
Max Use:12Purpose:To specify the carrier and sequence of routing and provide transit time informationSyntax Notes:1At least one of TD502 TD504 TD505 TD506 or TD512 is required.2If TD502 is present, then TD503 is required.3If TD507 is present, then TD508 is required.4If TD510 is present, then TD511 is required.Semantic Notes:1Comments:1Notes:1Notes:1When 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 the 2/TD5/250 segment to identify the transportation method that is applicable to a line item. If the transportation method applies to all line items, use the 1/TD5/240 segment.2. Use the 2/TD5/420 segment when the transportation method applies to a line item	Level:	Detail
Purpose: Syntax Notes:To specify the carrier and sequence of routing and provide transit time information 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. 4 If TD510 is present, then TD511 is required.Semantic Notes: Comments: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:Use the 2/TD5/250 segment to identify the transportation method that is applicable to a line item. If the transportation method applies to a line item2. Use the 2/TD5/420 segment when the transportation method applies to a line item	Usage:	Optional
<ul> <li>Syntax Notes:</li> <li>1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.</li> <li>2 If TD502 is present, then TD503 is required.</li> <li>3 If TD507 is present, then TD508 is required.</li> <li>4 If TD510 is present, then TD511 is required.</li> <li>Semantic Notes:</li> <li>Comments:</li> <li>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.</li> <li>Notes:</li> <li>1. Use the 2/TD5/250 segment to identify the transportation method that is applicable to a line item. If the transportation method applies to a line item</li> <li>2. Use the 2/TD5/420 segment when the transportation method applies to a line item</li> </ul>	Max Use:	12
<ul> <li>2 If TD502 is present, then TD503 is required.</li> <li>3 If TD507 is present, then TD508 is required.</li> <li>4 If TD510 is present, then TD511 is required.</li> <li>4 If TD510 is present, then TD511 is required.</li> <li>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.</li> <li>Notes:</li> <li>1. Use the 2/TD5/250 segment to identify the transportation method that is applicable to a line item. If the transportation method applies to all line items, use the 1/TD5/240 segment.</li> <li>2. Use the 2/TD5/420 segment when the transportation method applies to a line item</li> </ul>	Purpose:	To specify the carrier and sequence of routing and provide transit time information
<ul> <li>3 If TD507 is present, then TD508 is required.</li> <li>4 If TD510 is present, then TD511 is required.</li> <li>4 If TD510 is present, then TD511 is required.</li> <li>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.</li> <li>Notes: 1. Use the 2/TD5/250 segment to identify the transportation method that is applicable to a line item. If the transportation method applies to all line items, use the 1/TD5/240 segment.</li> <li>2. Use the 2/TD5/420 segment when the transportation method applies to a line item</li> </ul>	Syntax Notes:	1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.
<ul> <li>4 If TD510 is present, then TD511 is required.</li> <li>4 Semantic Notes: Comments:         <ul> <li>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.</li> <li>Notes:</li> <li>Use the 2/TD5/250 segment to identify the transportation method that is applicable to a line item. If the transportation method applies to all line items, use the 1/TD5/240 segment.</li> <li>Use the 2/TD5/420 segment when the transportation method applies to a line item</li> </ul> </li> </ul>		<b>2</b> If TD502 is present, then TD503 is required.
<ul> <li>Semantic Notes: Comments:</li> <li>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.</li> <li>Notes:</li> <li>Use the 2/TD5/250 segment to identify the transportation method that is applicable to a line item. If the transportation method applies to all line items, use the 1/TD5/240 segment.</li> <li>Use the 2/TD5/420 segment when the transportation method applies to a line item</li> </ul>		3 If TD507 is present, then TD508 is required.
<ul> <li>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.</li> <li>Notes: 1. Use the 2/TD5/250 segment to identify the transportation method that is applicable to a line item. If the transportation method applies to all line items, use the 1/TD5/240 segment.</li> <li>2. Use the 2/TD5/420 segment when the transportation method applies to a line item</li> </ul>		4 If TD510 is present, then TD511 is required.
<ul> <li>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.</li> <li>Notes: <ol> <li>Use the 2/TD5/250 segment to identify the transportation method that is applicable to a line item. If the transportation method applies to all line items, use the 1/TD5/240 segment.</li> <li>Use the 2/TD5/420 segment when the transportation method applies to a line item</li> </ol> </li> </ul>	Semantic Notes:	
<ul> <li>Notes: 1. Use the 2/TD5/250 segment to identify the transportation method that is applicable to a line item. If the transportation method applies to all line items, use the 1/TD5/240 segment.</li> <li>2. Use the 2/TD5/420 segment when the transportation method applies to a line item</li> </ul>	Comments:	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
to a line item. If the transportation method applies to all line items, use the 1/TD5/240 segment. 2. Use the 2/TD5/420 segment when the transportation method applies to a line item	<b>NT</b> 4	
	Notes:	to a line item. If the transportation method applies to all line items, use the 1/TD5/240
		· · · · ·

			Data Element Summary		
	Ref.	Data			
	Des.	<u>Element</u>	Name		ributes
Not Used	TD501	133	Routing Sequence Code	0	ID 1/2
			Code describing the relationship of a carrier to a specific sh		
	TD502	66	Identification Code Qualifier	X	ID 1/2
			Code designating the system/method of code structure used Code (67)	for Ic	lentification
			When TD504 is code PL, use code 10 to indicate the numb DODAAC of the pipeline.	er in	TD503 is the
			10 Department of Defense Activity Addre (DODAAC)	ess Ĉo	ode
	TD503	67	Identification Code	Х	AN 2/17
			Code identifying a party or other code		
	TD504	91	Transportation Method/Type Code	Χ	ID 1/2
			Code specifying the method or type of transportation for the	e ship	ment
			1. Use any code.		
			2. A conversion table may be required to convert agency c by ASC X12.	odes t	o codes used
			3. When code D is used, it is to be read as the class of serv United States Postal Service and not a private carrier.	ice pr	ovided by the
			Refer to 003040 Data Element Dictionary for acceptable co	de va	lues.
Not Used	TD505	387	Routing	X	AN 1/35
			Free-form description of the routing or requested routing fo originating carrier's identity	r ship	ment, or the
Not Used	TD506	368	Shipment/Order Status Code	Χ	ID 2/2
			Code indicating the status of an order or shipment or the dis difference between the quantity ordered and the quantity sh	-	-
			item or transaction		
Not Used	TD507	309	Location Qualifier	0	ID 1/2
			Code identifying type of location		

Not Used	TD508	310	<b>Location Identifier</b> Code which identifies a specific location	Х	AN 1/30
Not Used	TD509	731	<b>Transit Direction Code</b> The point of origin and point of direction	0	ID 2/2
Not Used	TD510	732	<b>Transit Time Direction Qualifier</b> Code specifying the value of time used to measure the tr	<b>O</b> ansit tim	<b>ID 2/2</b> le
Not Used	TD511	733	<b>Transit Time</b> The numeric amount of transit time	Х	R 1/4
Not Used	TD512	284	Service Level Code Code defining service	Х	ID 2/2

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	270 PO1 Detail Optional 5 To specifi informat 1 At la 2 If Th Use the 2 specific i	Carrier Details (Special Handling or Hazardous Mater Mandatory fy transportation special handling requirements, or hazardou ion, or both east one of TD401 TD402 or TD404 is required. D402 is present, then TD403 is required. 2/TD4/270 segment to provide hazardous material informa line items. If the hazardous material information applies to licitation, use the 1/TD4/260 segment.	s mate	erials hat applies to
		Data Element Summary		
Ref. <u>Des.</u> TD401	Data <u>Element</u> 152	<u>Name</u> Special Handling Code	<u>Att</u> X	ributes ID 2/3
		Code specifying special transportation handling instructionHMEndorsed as Hazardous MaterialNCNotify Consignee Before Delivery		
TD402	208	Hazardous Material Code Qualifier Code which qualifies the Hazardous Material Class Code (	X 209)	ID 1/1
		A request for the following codes has been submitted to A Compatibility Group and Hazard Class or Division. We en be available in ASC X12 Version/Release 3050. D Hazardous Materials ID, DOT	SC X	
TD403	209	Hazardous Material Class Code	Х	AN 2/4
TD404	352	Code specifying the kind of hazard for a material <b>Description</b>	X	AN 1/80
10104		A free-form description to clarify the related data elements		
		Use is discouraged.	· · · ·	· · · · · · · · · · · · · · · · · · ·

# MAN Marks and Number

Segment:	<b>IVITAL</b> Marks and Numbers
Position:	280
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	10
Purpose:	To indicate identifying marks and numbers for shipping containers
Syntax Notes:	
Semantic Notes:	1 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.
	2 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: Notes:

1. Use the 2/MAN/280 segment to identify marks and numbers that apply to a specific line item. If the marks and numbers apply to all of the line items in the solicitation, use the 1/MAN/270 segment.

2. Use to identify such data as MILSTRIP/FEDSTRIP number, Transportation Control number, Project Priority, and consignee related issues.

			Data Element Summary			
	Ref.	Data				
	Des.	<u>Element</u>	t Name Attribut		<u>ributes</u>	
Must Use MAN01 8		88	Marks and Numbers Qualifier	Μ	ID 1/2	
			Code specifying the application or source of Marks and Nur	mber	s (87)	
			L Line Item Only			
Must Use	<b>MAN02</b>	87	Marks and Numbers	Μ	AN 1/45	
			Marks and numbers used to identify a shipment or parts of a	ı ship	ment	
MAN03 8'		87	Marks and Numbers		AN 1/45	
			Marks and numbers used to identify a shipment or parts of a shipment			
	MAN04	88	Marks and Numbers Qualifier	0	ID 1/2	
			Code specifying the application or source of Marks and Numbers (87)			
			L Line Item Only			
	MAN05	87	Marks and Numbers	0	AN 1/45	
	Marks and numbers used to identify a shipment or pa				ment	
	MAN06	87	Marks and Numbers	0	AN 1/45	
			Marks and numbers used to identify a shipment or parts of a	ı ship	ment	

	Segment:	RRA	Required Response						
	<b>Position</b> :	290							
	Loop:	PO1	Mandatory						
	Level:	Detail							
	Usage:	Optional	Optional						
	Max Use:	25	1						
	Purpose:	To indicate information that is required to be included in the response							
•	tax Notes:	4 11							
	itic Notes: omments:	1 Use	RRA02 only to specify applicable regulatory or contractual c	lause					
	Ref.	must be :	tion, representation or fill-in information, applicable to a sp submitted with the proposal. When the information is appli the solicitation, use the 1/RRA/280 segment. Data Element Summary						
	Des.	<u>Element</u>	Name	Att	ributes				
Must Use	RRA01	701	<b>Information Type</b> Code specifying the information required in the response	M	ID 2/2				
			Use code 14 to indicate the reference number that require, provide a response with the quote. This reference will be a other specific reference to information previously provided partner. 14 As Indicated by the Cited Reference	a clau	se number or				
	RRA02	127	Reference Number	0	AN 1/30				
			Reference number or identification number as defined for a Transaction Set, or as specified by the Reference Number Q	*					

	Segment:	MSC	Message Text			
Position: 295						
	Loop: PO1 Mandatory					
Level: Detail						
Usage: Optiona						
	Max Use:	1000				
Sum	Purpose:	To provide a free form format that would allow the transmission of text information.				
*	tax Notes:					
Comments:		1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.				
Notes:		Use to pi discoura	ovide free-form text associated with the line item being soli ged.	cited.	Use is	
			Data Element Summary			
	Ref.	Data				
	Des.	<u>Element</u>	Name		ributes	
Must Use	MSG01	933	Free-Form Message Text Free-form message text	Μ	AN 1/264	
	MSG02	934	Printer Carriage Control Code	0	ID 2/2	
		A field to be used for the control of the line feed of the receiving printer				
			Refer to 003040 Data Element Dictionary for acceptable co	-		

### LDT Lead Time

Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:

Segment:

#### 298 LDT Optional Detail Optional 1 To specify lead time for availability of products and services

1 LDT04 is the effective date of lead time information.

1 LDT02 is the quantity of unit of time periods.

1. Use the 2/LDT/298 loop when the delivery schedule is expressed as a set time period after the occurrence of some event, and varies by line item. When the delivery schedule is applicable to all line items, use the 1/LDT/160 segment.

2. Data maintenance has been submitted to ASC X12 to add the MSG segment to this LDT loop and to add an embedded LM/LQ loop within the LDT loop. The MSG segment will be used when LDT01 is code AI (From Date of a Specified Event to Delivery) to identify the specified event. The LM/LQ loop will be used to carry unique codes associated with the frequency of delivery of data items on a Contract Data Requirements List (CDRL). If approved, both the MSG segment and the LM/LQ loop will be available for use in ASC X12 Version/Release 3050. ASC X12 has been requested to add these same loops in the 843 and 850 transaction sets. If approved, these loops will be available for use in ASC X12 Version/Release 3050. Until then, the LDT loop can only be used to provide a single delivery schedule for a specified quantity which must be carried as a separate SUBCLIN.

			Data H	Clement Summary			
	Ref.	Data					
	Des.	<u>Element</u>	<u>Name</u>			ributes	
Must Use	LDT01	345	Lead Time Co		M	ID 2/2	
				g the time range	- <sup>2</sup>		
				as been submitted to ASC X12 to add th			
				Latest Delivery to Final Delivery, From bsequent Delivery, From Date of Award			
			*	Date of Award to Date of Earliest Deli		•	
				of Completion, From Date of Specified			
			From Date of Award to Date of Delivery. We expect these codes to be				
			-	SC X12 Version/Release 3050.			
			2. Use code AI to indicate that the consignee or other contact must be				
			AA	the time period cited to schedule a ship From date of PO receipt to sample		uppe metatemisteristicities	
			AD From date of sample approval to first product shipment			at chimmont	
					-	ct snipment	
			AE	From date of PO receipt to shipme			
			AF	From date of PO receipt to deliver	•		
			AH	From Date of Receipt of First Arti Approval	cle to Firs	st Article	
			AI	From Date of a Specified Event to	Event to Delivery		
			AZ	From Date of Receipt of Item to D	ate of Ap	proval of	
				Item			
Must Use	LDT02	380	Quantity		Μ	R 1/15	
			Numeric value	1 2			
Must Use	LDT03	344		Period or Interval	Μ	ID 2/2	
Code indicating the time period or interval							

		Use code KK to ind	licate a flexible time period, e.g., X numb	ber of days or less.
		ĊY	Calendar Year	ana mandashirishirishirishirishirishirishirishir
		DA	Calendar Days	
		KK	Maximum Calendar Days	
		MO	Month	
		QY	Quarter of a Year	
		SA	Semiannual	
		WK	Weeks	
Г04	373	Date		O DT 6/6
		Date (YYMMDD)		

LDT

# QTY Quantity

Optional

To specify quantity information

299

LDT

>1

Detail

Optional

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:

1. Use to identify the quantity of an item that is to be delivered in accordance with a 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, or the days of the week that the quantity is required (e.g., Mondays, Wednesdays and Fridays).

2. Use also, to identify the length of the delivery period, e.g., 4 quarters.

			Data	Element Summary				
Ref. <u>Des.</u> Must Use QTY01		Data <u>Element</u> 673	<u>Name</u> Quantity Qua Code specifyir	alifier ng the type of quantity	Attributes M ID 2/2			
			A request has	been submitted to ASC X12 to add de to be available for use in ASC X1				
			1. Use code 13	I to indicate the quantity to be delive	ered.			
			2. Use code 1K to indicate the length of the delivery period.					
			3. Use code 52 to indicate the number of regular copies of a data item Contract Data Requirements List (CDRL) that are to be delivered to a distribution addresses.					
			4. Use code K6 to indicate the number of draft copies of a data item on a Contract Data Requirements List (CDRL) that are to be delivered to all distribution addresses.					
				F to indicate the number of reprodu Data Requirements List (CDRL) th Idresses.				
			1 J	Due				
				The amount due to the custon	ner			
			1K	Time Units				
				The number of time units suc	h as 8 (hours)			
			52	Number of Originals				
			K6	Drafts				
			KF	Duplicates				
Must Use	QTY02	380	Quantity		M R 1/15			
			Numeric value of quantity					
			1. When QTY	01 is code IJ, identify the quantity to	o be delivered.			
				01 is code 1K, identify the length of this situation, QTY03 contains the t				

#### 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 1. Use to identify the time period, when the quantity is to be delivered as a

rate over some time period.

2. Use any code.

3. A conversion table may be required to convert agency codes to codes used by ASC X12.

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

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

6. When QTY01 is code IJ, use code Q1 to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.

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

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

DA	Days
MO	Months
Q1	Quarter (Time)
WK	Week
YR	Years

:	Segment:	N9 R	leference Number		
	Position:	320			
	Loop:		Optional		
	Level:	Detail			
	Usage: Max Use:	Optional			
	Purpose:	To transr	nit identifying numbers and descriptive	e information as specified by the reference	
	ax Notes:	number o		e montation as specified by the reference	
oy no			906 is present, then N905 is required.		
Semant	tic Notes:		6 reflects the time zone which the time	reflects.	
Co	mments:			1,996 i 03199	
	Notes:	which ar		pecial instructions, or other references Then a reference number applies to all	
			an alternate section is relevant for a c meric alternate designation with the c		
			Data Element Summary		
	Ref.	Data Element	Nomo	A 44-71	
Must Use	<u>Des.</u> N901	Element	<u>Name</u> Reference Number Qualifier	<u>Attributes</u> M ID 2/2	
Whist Use	N901	01 128	Code qualifying the Reference Number		
			A request has been submitted to ASC X12 to add codes, which will be used to		
			identify an OMB Circular number and Federal Information Resources		
			Management Regulation. We expect ASC X12 Version/Release 3050.	t these codes to be available for use in	
			1. Use code CJ to indicate a purchasing activity generated clause or special provision not found in the FAR, DFARS, Agency acquisition regulation supplement, or FIRMR. Identify the source of the clause in N903.		
			2. Use code DD to identify a Departm number.	nent of Labor wage determination	
			3. Use code DF to indicate a clause f	found in the DFARS.	
			4. Use code DX to indicate an agency supplement to the Federal Acquisitio agency in N903.	y clause contained in an agency on Regulation. When used, indicate the	
			or packaging information, quotation number in N902 and provide the info The numbering system can be based 1 for special requirements, or any oth	on for prospective bidders, e.g., labeling instructions, etc. Cite an applicable formation in the following MSG segment. on the uniform contract format, e.g., H- her numbering system the originator in then be used to identify the reference	
			the solicitation. This number is not t BQT02). Indicate the source of the r necessary, the text of the item in the j this code could be used as a way of g	reference in N903 and provide, if following MSG segment. For example, tetting to the following MSG segment d. In that case, a reference number that	

7. Use code KZ, if applicable, to indicate the master solicitation that applies to the solicitation.

			idicate in N903 the source of the reference and use the egment for text, if necessary.	
		73	Statement of Work (SOW)	edhilain .
		, 0	Description of a product or service to be procured under	-
		CJ	a contract; statement of requirements Clause Number	
		DD	Document Identification Code	
		DD DF		
			Defense Federal Acquisition Regulations (DFAR)	
		DX	Department/Agency Number	
		FA	Federal Acquisition Regulations (FAR)	
		GS	General Services Administration Regulations (GSAR)	
		K7	Paragraph Number	
		KT	Request for Quotation Reference	
		VV	A discrete number assigned for identification purposes to a request for quotation	
		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,	
		VB	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 Department of Veterans Affairs Acquisition	
		٧D	Regulations (VAAR)	
		ZZ	Mutually Defined	
N902	127	Reference Numb		
		Reference number	r or identification number as defined for a particular r as specified by the Reference Number Qualifier.	
N903	369	Free-form Descri	iption X AN 1/45	
		Free-form descrip	tive text	
		Use is discourage	d.	
N904	373	Date	O DT 6/6	
		Date (YYMMDD)	)	
		When the date is a always end with the rule is necessary to	date of a clause or wage determination, or other reference used it will be in YYMMDD format so a clause date should the numeric 01 indicating the first day of the month. This to comply with ASC X12 syntax.	d
N905	337	-	X TM 4/8 24-hour clock time as follows: HHMM, or HHMMSS, or	
		59), S = integer se are expressed as fe	(HMMSSDD, where H = hours (00-23), M = minutes (00- conds (00-59) and DD = decimal seconds; decimal seconds pollows: D = tenths (0-9) and DD = hundredths (00-99)	ł
N906	623	<b>Time Code</b> Code identifying t	O ID 2/2 he time. In accordance with International Standards	

Not Used

Not Used

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

	Segment:	MSC	Message Text		
Position: 330					
	Loop:	N9 (	Optional		
	Level:	Detail			
	Usage:	Optional			
	Max Use:	1000			
	Purpose:	To provi	de a free form format that would allow the transmission of tex	t info	ormation.
•	ax Notes:				
	tic Notes:				100 0
Comments:		1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.			
Notes:		precedin	entify the title and full text, if required, of any clause or prov g N9 segment. Use also to identify text related to any referen ent. Use is discouraged.		
			Data Element Summary		
	Ref.	Data			
	Des.	<u>Element</u>	Name	Attr	ributes
Must Use	MSG01	933	Free-Form Message Text Free-form message text	М	AN 1/264
Not Used	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiv	<b>O</b> ving	ID 2/2 printer

#### N1 Name Segment: 340 **Position:** Loop: N1 Optional Level: Detail Usage: Optional Max Use: 1 **Purpose:** To identify a party by type of organization, name, and code Syntax Notes: At least one of N102 or N103 is required. 1 2 If either N103 or N104 is present, then the other is required. Semantic Notes: Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101. Notes: 1. Whenever possible, address information should be transmitted using code values contained in a combination of the N101, N103/04 data elements. Use N102 and the N2-N4 segments only when it is necessary to transmit the full address. For example, if a vendor can be identified by a DUNS number, it is not necessary to transmit the vendor's full address since the relationship between the DUNS number and the vendor's address can be established by accessing a data base in which the information is stored, having been put there at the time the vendor electronically registered as a

federal government trading partner.

2. Use this 2/N1/340 loop to identify organizations or people that apply to specific line items. If the organizations or people apply to all line items in the solicitation, use the 1/N1/310 loop.

			Data Element Summary	
	Ref.	Data		
	Des.	Element	Name	Attributes
Aust Use	N101	98	Entity Identifier Code	M ID 2/2
			Code identifying an organizational entity, a phy	vsical location, or an individual
			<ol> <li>A data maintenance request has been submit following codes: Meeting Location and Party is meeting location code would be used to identify conference is to be held. Since neither code is small purchases, no effort was made to use a s If approved, the code will be applicable in ASC</li> <li>Use code 31 only when an actual mailing and different from the address provided for any oth if another qualifier code can be used to pass the indicate the name of the party in N102 and N2</li> </ol>	to Receive Proposal. The fy a place where a prequoting particularly applicable to surrogate code for the purpose. C X12 Version/Release 3050. ddress is required, and is her qualifier code. Do not use his address. When used,
			3. Use code 88 to indicate the party approving List (CDRL).	a Contract Data Requirements
			4. Use code BY to indicate the purchasing or s	oliciting office or activity.
			5. Use code CP to indicate the address to send Conformance when it is different from the pur activity.	
			6. Use code DZ to indicate an area to which zo under an indefinite instrument. Indicate the z use code ZN in N103, and indicate the location	one in N104 (e.g., 1, 2, 3, etc.),

as many iterations of the N1 loop as necessary to describe the entire zone. A separate SUBCLIN must be established for each item that is to be delivered to a specific zone.

7. Use code IC to indicate a freight forwarder.

8. Use code KX to indicate the FOB point when it must be described by a specific address rather than as a code value indicating either origin or destination.

9. Use code KY to indicate the technical office that has cognizance over the technical portion of the solicitation, if different than the office originating the solicitation. Do not use unless it is intended for the recipient of the solicitation to deal directly with the cited party on technical matters related for the solicitation.

10. Use code L1 to indicate the inspection location when it must be described as a specific address rather than a location such as origin or destination.

11. Use code OH to indicate the Hazardous Materials Office. A request has been submitted to ASC X12 to add a code for this location. If approved it will be available for use in ASC X12 Version/Release 3050. Until that time, use this code.

12. Use code P1 to indicate the preparer of a Contract Data Requirements List (CDRL).

13. Use code PZ to indicate the requesting agency/activity. Data maintenance has been submitted to add code 96 - Requestor. Use this code until that code is approved.

14. Use code RC to indicate a location where the material will be both inspected and accepted. A request has been submitted to ASC X12 to add a code for Inspection and Acceptance. We expect this code to be available for use in ASC X12 Version/Release 3050. Until that time, use this code.

15. Use code ST to indicate the address to which an item must be shipped. For purposes of a solicitation, it may suffice to simply transmit the ZIP code of the location rather than the full address which can be added in the resultant purchase order.

16. Use code SV to indicate a location where a service, e.g., grass cutting, will be performed and accepted after performance is complete.

17. Use code Z7, when applicable, only when the inclusion of this address is necessary to prepare a quote. Otherwise, when applicable, include in the resulting purchase order.

18. Use ZZ to indicate the acceptance location when it cannot be described using a point such as origin or destination. Data maintenance has been submitted to ASC X12 asking for a code for Acceptance Point. If approved, the code will be available in ASC X12 Version/Release 3050.

31	Postal Mailing Address
88	Approver
	Manufacturer's representative approving claim for payment
BY	Buying Party (Purchaser)

		CP	Party to Receive Cert. of Compl	iance
		DZ	Delivery Zone	
			Area where the product was deli	vered
		IC	Intermediate Consignee	
		KX	Free on Board Point	
		KY	Technical Office	
		L1	Inspection Location	
			Place where the item was viewed	d or inspected
		OH	Other Departments	
		P1	Preparer	
			The firm, organization, or indivi the tax liability from information taxpayer	
		PZ	Party to Receive Equipment	
			Name a party to receive the trans	sfer of equipment
		RC	Receiving Location	
		ST	Ship To	
		SV	Service Performance Site	
		Z7	When services are contracted for organization for whom or location those services will be performed Mark-for Party	on address at which
		27	The party for whom the needed i	material is intended
		ZZ	Mutually Defined	muteriur is intended
N102	93	Name	Watuany Defined	X AN 1/35
11102	)5	Free-form nam	e	7 711 1,55
N103	66		Code Qualifier	X ID 1/2
1103	00		ng the system/method of code structure	
		1. Use, when a	pplicable, to identify the named party.	
			is been submitted to ASC X12 to add a Code. We expect this code to be avail elease 3050.	
		government us other and addi	ederal EDI program uses the DUNS n ers of this implementation convention tional numbers for a transition period ing data bases with new procurement	n may require the use of in order to cross-
		~	UNS or DUNS+4 number (code 1 or o d number to identify a named party.	code 9) is preferred over
			to indicate either a Department of De y Address Code.	fense or a Civilian
		location for qu provided later,	is code ST, use code 16 to indicate the oting purposes. The full address of th in the purchase order. If the ZIP cod PO/APO in the N4 segment.	e ship to party can be
		7. Use code 33	to indicate vendors with CAGE codes.	
		8. Use code A2	to indicate a MAPAC address.	stres setteristica - Mariatanatas

9. Use code FA to indicate a vendor facility that cannot be identified by a CAGE code.

			the zone in NI	104, e.g., 1, 2, 3, etc.		
			1	D-U-N-S Number, Dun & Bradstreet		
			9	D-U-N-S+4, D-U-N-S Number with Suffix	Four (	Character
			10	Department of Defense Activity Add (DODAAC)	ress C	ode
			16	ZIP Code		
			33	Commercial and Government Entity	(CAG	E)
			A2	Military Assistance Program Address	s Code	(MAPAC)
			FA	Contained in the Military Assistance Directory (MAPAD); represents the entity Facility Identification	-	
			ZN	Zone		
	N104	67	Identification	Code	Χ	AN 2/17
			Code identifyi	ng a party or other code		
Not Used	N105	706	Entity Relation Code describin	o <b>nship Code</b> ng entity relationship	0	ID 2/2
Not Used	N106	98	Entity Identif Code identifyi	<b>ier Code</b> ng an organizational entity, a physical locat	O ion, or	ID 2/2 an individual

10. Use code ZN to indicate a delivery zone when N101 is code DZ. Indicate the zone in N104, e.g., 1, 2, 3, etc.

Segment:	N2 Additional Name Information
Position:	350
Loop:	N1 Optional
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:	·

### Data Element Summary

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

Data

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

-

### Data Element Summary

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

Segment:	N4 Geographic Location
Position:	370
Loop:	N1 Optional
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.

Notes:

N402 is required only if city name (N401) is in the USA or Canada.
 Do not use when the cited party can be identified by a code value in N101/03/04.

		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	Name	<u>Att</u>	<u>ributes</u>
N401	19	City Name	0	AN 2/30
		Free-form text for city name		
N402	156	State or Province Code	0	ID 2/2
		Code (Standard State/Province) as defined by appropriate g	overn	ment agency
N403	116	Postal Code	0	ID 3/9
		Code defining international postal zone code excluding pun (zip code for United States)	ctuati	ion and blanks
N404	26	Country Code	0	ID 2/3
		Code identifying the country		
		A conversion table my be required to convert agency code. by ASC X12.	s to th	te codes used
N405	309	Location Qualifier	Χ	ID 1/2
		Code identifying type of location		
		1. When N101 is code DZ, if applicable, use code CC to in the delivery zone.	idica	te a country in
		2. When N101 is code DZ, if applicable, use code SP to inprovince in the delivery zone.		
		Refer to 003040 Data Element Dictionary for acceptable co	de va	lues.
N406	310	Location Identifier	0	AN 1/30
		Code which identifies a specific location		

Synt	Segment: Position: Loop: Level: Usage: Max Use: Purpose: tax Notes: omments: Notes:	405 N1 C Detail Optional 200 To speci: 1 If SC 2 If SC 1 SCH 1 SCH Use the 2 actual da	fy the data for s CH03 is present CH09 is present (12 is the sched (05 specifies the <b>2/SCH/405 segure</b> (afe and the ship	chedule ccheduling a specific line-item t, then SCH04 is required. t, then SCH08 is required. ule identification. e interpretation to be used for SCH06 and SC ment to describe a partial delivery when it can to to address differs by line item. If a single so 10 loop, use the 2/SCH/220 segment.	an be		
			Data	Element Summary			
	Ref.	Data	N				
Must Use	<u>Des.</u> SCH01	Element 380	<u>Name</u> Quantity		Att M	ributes R 1/15	
Must Use	SCHUI	500	Numeric valu	e of quantity	141	K 1/15	
Must Use	SCH02	355		for Measurement Code	Μ	ID 2/2	
				ng the units in which a value is being express	sed, oi	manner in	
				urement has been taken		1 12 1 1 1 1 1 1	
			1. Use any co	de.			
			by ASC X12.	on table may be required to convert agency			
	0.077.0.0	0.0		40 Data Element Dictionary for acceptable c			
Not Used	SCH03	98	Entity Identia Code identify	tier Code ing an organizational entity, a physical locati	O on, or	ID 2/2 an individual	
Not Used	SCH04	93	Name Free-form nar	ne	Х	AN 1/35	
Must Use	SCH05	374	Date/Time Q	ualifier	$\mathbf{M}$	ID 3/3	
			Code specifyi	ng type of date or time, or both date and time	9		
			1. Use code 0	77 to specify the beginning date of the week		and a first	
			2. Use code 106 when the delivery is due exactly on the specified date.				
			3. When code	174 is used, cite the last date of the month.			
			4. Use code 996 to indicate the required delivery date when delivery can be made on or before the specified date.				
			037	Ship Not Before		Carrow Conversion of Conference	
			063	Do Not Deliver After			
			064	Do Not Deliver Before			
			065	1st Schedule Delivery			
			066	1st Schedule Ship			
			077	Requested for Delivery (Week of)			
			106	Required By			
			174	Month Ending			
			996	Required Delivery			
				A date on which or before, ordered go must be delivered	oods o	r services	
Must Use	SCH06	373	Date		Μ	DT 6/6	

			Date (YYMMDD	)		
Not Used	SCH07 SCH08	337	HHMMSSD, or H 59), $S = integer set$	24-hour clock time as follows: HHMM, (HMMSSDD, where $H = hours (00-23)$ , N conds (00-59) and DD = decimal seconds ollows: D = tenths (0-9) and DD = hundre	M = n s; dec	ninutes (00- imal seconds
	SCHUO	3/4		mer ype of date or time, or both date and time		ID 3/3
			1. Use code 077 to	p specify the beginning date of the week.		
			3. Use code 996 to	) indicate the required delivery date when e the specified date.	n deli	ivery can be
			037	Ship Not Before		
			077	Requested for Delivery (Week of)		
			174	Month Ending		
			996	Required Delivery		
				A date on which or before, ordered go must be delivered	ods o	r services
	SCH09	373	Date		0	DT 6/6
			Date (YYMMDD)	)		
Not Used	SCH10	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)			
Not Used	SCH11	326		ce Number or RFQ number to use to identify a parti nal reference number or description whic		
Not Used	SCH12	350	Assigned Identifi	<b>cation</b> tracters assigned for differentiation within	O 1 a tra	AN 1/11 nsaction set

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:		420 N1 (C Detail Optional 12 To speci 1 At le 2 If TI 3 If TI 4 If TI 1 Whe spec resp rout Use the 2	Carrier Details (Routing Sequence/Transit Time) Optional fy the carrier and sequence of routing and provide transit time east one of TD502 TD504 TD505 TD506 or TD512 is required D502 is present, then TD503 is required. D507 is present, then TD508 is required. D510 is present, then TD511 is required. en specifying a routing sequence to be used for the shipment re ifying each carrier within the movement, use TD502 to ident onsible for defining the routing sequence, and use TD503 to the ing sequence, specified by the party identified in TD502. 2/TD5/420 segment when the shipment method is applicable for fire line item in the solicitation.	ed. mover ify the	ment in lieu of e party fy the actual
			Data Element Summary		
	Ref.	Data	Data Element Summary		
	Des.	Element	Name	Att	ributes
Not Used	TD501	133	Routing Sequence Code	0	ID 1/2
		100	Code describing the relationship of a carrier to a specific sh	ipme	
	TD502	66	Identification Code Qualifier	X	ID 1/2
	10502	00	Code designating the system/method of code structure used		
			Code (67) When TD504 is code PL, use code 10 to indicate the numb DoDAAC of the pipeline. 10 Department of Defense Activity Addre (DODAAC)	ess Co	ode
	TD503	67	Identification Code	Χ	AN 2/17
			Code identifying a party or other code		
	<b>TD504</b>	91	Transportation Method/Type Code	X	ID 1/2
			Code specifying the method or type of transportation for the	e chin	ment
				, snip	ment
			1. Use any code.		
			2. A conversion table may be required to convert agency c by ASC X12. Refer to 003040 Data Element Dictionary for acceptable co		
Not Used	TDEAF	207		X X	AN 1/35
Not Used	TD505	387	<b>Routing</b> Free-form description of the routing or requested routing fo		
			originating carrier's identity	r snip	oment, or the
Not Used	TD506	368	Shipment/Order Status Code	x	ID 2/2
Not Useu	10500	300	Code indicating the status of an order or shipment or the dis		
			difference between the quantity ordered and the quantity sh		
			item or transaction	ipped	
Not Used	TD507	309	Location Qualifier	0	ID 1/2
1101 U3CU	11507	507	Code identifying type of location	0	11/ 1/6
NT-4 TT - F	TD 500	210			A NI 1/20
Not Used	TD508	310	Location Identifier	Х	AN 1/30
			Code which identifies a specific location		
Not Used	TD509	731	Transit Direction Code	0	ID 2/2
			The point of origin and point of direction		
Not Used	TD510	732	<b>Transit Time Direction Qualifier</b> Code specifying the value of time used to measure the trans	<b>O</b> it time	<b>ID 2/2</b> e

Not Used	TD511	733	Transit Time The numeric amount of transit time	Х	R 1/4
Not Used	TD512	284	Service Level Code Code defining service	Х	ID 2/2

Synt Seman	Segment: Position: Loop: Level: Usage: Max Use: Purpose: ax Notes: tic Notes: omments:	010 Summary Mandato 1 To transu 1 If C 2 If C 1 This		ction	completeness	
			Data Element Summary			
	Ref.	Data				
	Des.	<u>Element</u>	Name		ributes	
Must Use	CTT01	354	Number of Line Items	Μ	N0 1/6	
			Total number of line items in the transaction set			
			Use to identify the total number of PO1 segments contained	ed in i	this	
	OTTO 3	247	transaction set.	0	D 1/10	
	<b>CTT02</b>	347	Hash Total	0	R 1/10	
			Sum of values of the specified data element. All values in the data element be summed without regard to decimal points (explicit or implicit) or sign 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 hashed18 Second being hashed. 1.8 Third occurrence of value being hashed. occurrence of value being hashed 1855 Hash total pr 855 Hash total after truncation to three-digit field.	18.01 rior to	Fourth truncation.	
			When used, the number must be a true hash total. Do not	use t	o transmit an	
	0000000	6.1	operational amount.	-	. the community without	
Not Used	CTT03	81	Weight	0	R 1/10	
_			Numeric value of weight			
Not Used	CTT04	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expresse which a measurement has been taken	X ed, or	ID 2/2 manner in	
Not Used	CTT05	183	Volume	0	R 1/8	
			Value of volumetric measure	-		
Not Used	CTT06	355	Unit or Basis for Measurement Code	х	ID 2/2	
THE USCU	01100	555	Code specifying the units in which a value is being expresse			
			which a measurement has been taken	, 01		
Not Used	<b>CTT07</b>	352	Description	0	AN 1/80	
			A free-form description to clarify the related data elements	and th		
			× v			

S	Segment:	SE T	ransaction Set Trailer				
	Position:	020					
	Loop:						
	Level:	Summar	ý.				
	Usage:	Mandato	ry				
N	fax Use:	1					
]	Purpose:		ate the end of the transaction set and provide the count of the s (including the beginning (ST) and ending (SE) segments).	transmitted			
Synta	x Notes:	Ū.					
Semant	ic Notes:						
Co	mments:	1 SE i	1 SE is the last segment of each transaction set.				
			Data Element Summary				
	Ref.	Data					
	Des.	<u>Element</u>	Name	<b>Attributes</b>			
Must Use	SE01	96	Number of Included Segments	M N0 1/10			
			Total number of segments included in a transaction set inclu	uding ST and SE			
			segments				
Must Use	SE02	329	Transaction Set Control Number	M AN 4/9			
			Identifying control number that must be unique within the t	ransaction set			
			functional group assigned by the originator for a transaction	n set			



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