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:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BQT	Beginning Segment for Request For Quotation	M	1		
	030	NTE	Note/Special Instruction	F	100		
	040	CUR	Currency	O	1		
	050	REF	Reference Numbers	O	12		
	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	3		
	080	FOB	F.O.B. Related Instructions	O	>1		
Not Used	090	CTP	Pricing Information	O	1		
	110	CSH	Header Sale Condition	O	1		
	120	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
Not Used	130	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
Not Used	140	DIS	Discount Detail	O	20		
	150	DTM	Date/Time Reference	O	10		
	160	LDT	Lead Time	O	12		
Not Used	180	LIN	Item Identification	O	5		n1
	190	PID	Product/Item Description	O	200		

	200	MEA	Measurements	O	40		
	210	PWK	Paperwork	O	25		
	220	PKG	Marking, Packaging, Loading	O	200		
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O	2		
	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	250	TD3	Carrier Details (Equipment)	O	12		
	260	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	O	5		
	270	MAN	Marks and Numbers	O	10		
	280	RRA	Required Response	O	25		
			LOOP ID - N9			1000	
	290	N9	Reference Number	O	1		
	300	MSG	Message Text	O	1000		
			LOOP ID - N1			10000	
Must Use	310	N1	Name	O	1		
	320	N2	Additional Name Information	O	2		
	330	N3	Address Information	O	2		
	340	N4	Geographic Location	O	1		
	350	REF	Reference Numbers	O	12		
	360	PER	Administrative Communications Contact	O	3		
Not Used	370	FOB	F.O.B. Related Instructions	O	1		
Not Used	380	TD1	Carrier Details (Quantity and Weight)	O	2		
	390	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	400	TD3	Carrier Details (Equipment)	O	12		
Not Used	410	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	420	PKG	Marking, Packaging, Loading	O	200		
Not Used	430	RRA	Required Response	O	25		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - PO1			100000	
Must Use	010	PO1	Baseline Item Data	M	1		
Not Used	020	CUR	Currency	O	1		
	030	PO3	Additional Item Detail	O	25		
	040	CTP	Pricing Information	O	1		
	049	MEA	Measurements	O	40		
			LOOP ID - PID			1000	
	050	PID	Product/Item Description	O	1		
Not Used	060	MEA	Measurements	O	10		
	070	PWK	Paperwork	O	25		
	080	PKG	Marking, Packaging, Loading	O	200		
	090	PO4	Item Physical Details	O	1		
	100	REF	Reference Numbers	O	12		

	110	PER	Administrative Communications Contact	O	3		
	130	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
	140	IT8	Conditions of Sale	O	1		
Not Used	150	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
Not Used	160	DIS	Discount Detail	O	20		
Not Used	170	TAX	Tax Reference	O	3		
	180	FOB	F.O.B. Related Instructions	O	1		
	190	SDQ	Destination Quantity	O	50		
	200	DTM	Date/Time Reference	O	10		
	220	SCH	Line Item Schedule	O	104		n2
Not Used	230	FST	Forecast Schedule	O	>1		
Not Used	240	TD1	Carrier Details (Quantity and Weight)	O	1		
	250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	260	TD3	Carrier Details (Equipment)	O	12		
	270	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	O	5		
	280	MAN	Marks and Numbers	O	10		
	290	RRA	Required Response	O	25		
	295	MSG	Message Text	O	1000		
			LOOP ID - LDT			>1	
	298	LDT	Lead Time	O	1		
	299	QTY	Quantity	O	>1		
			LOOP ID - SLN			1000	
Not Used	300	SLN	Subline Item Detail	O	1		
Not Used	310	PID	Product/Item Description	O	1000		
			LOOP ID - N9			1000	
	320	N9	Reference Number	O	1		
	330	MSG	Message Text	O	1000		
			LOOP ID - N1			200	
	340	N1	Name	O	1		
	350	N2	Additional Name Information	O	2		
	360	N3	Address Information	O	2		
	370	N4	Geographic Location	O	1		
Not Used	380	REF	Reference Numbers	O	12		
Not Used	390	PER	Administrative Communications Contact	O	3		
Not Used	400	FOB	F.O.B. Related Instructions	O	1		
	405	SCH	Line Item Schedule	O	200		
Not Used	410	TD1	Carrier Details (Quantity and Weight)	O	2		
	420	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	430	TD3	Carrier Details (Equipment)	O	12		
Not Used	440	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	450	PKG	Marking, Packaging, Loading	O	200		
Not Used	460	RRA	Required Response	O	25		
Not Used	465	CTP	Pricing Information	O	1		

Not Used	470	LDT	Lead Time	O	100		
Not Used	480	MAN	Marks and Numbers	O	10		
Not Used	490	QTY	Quantity	O	5		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	CTT	Transaction Totals	M	1		n3
Must Use	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. If segment LIN is used, do not use LIN01.

2. The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.

3. 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:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**ST01**	**143**	**Transaction Set Identifier Code** Code uniquely identifying a Transaction Set 840 X12.7 Request for Quotation	**M**	**ID 3/3**
Must Use	**ST02**	**329**	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set ***Use to identify a unique number assigned by the originator of the transaction set. This number may be system generated.***	**M**	**AN 4/9**

Segment: **BQT** **Beginning Segment for Request For Quotation**

Position: 020

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

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

Syntax Notes: **1** If BQT05 is present, then BQT04 is required.

Semantic Notes:

Comments:

Notes: ***ASC X12 has been asked to add data elements to the BQT segment that will carry the contract type (in terms of its pricing arrangement, e.g., Firm Fixed Price, Cost Plus Award Fee, etc.), security classification, and type of product or service code. We expect those data elements to be available for use in ASC X12 Version/Release 3050.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**BQT01**	**353**	**Transaction Set Purpose Code** Code identifying purpose of transaction set ***1. Use code 00 to indicate an original solicitation.*** ***2. Use code 01 to indicate the cancellation of a previously transmitted solicitation. Do not use when the solicitation is to be reissued. In that case, use code 17.*** ***3. Use code 02 to indicate an amended solicitation, (BQT07 is code 06), that contains only additions to a previously transmitted solicitation.*** ***4. Use code 03 to indicate an amended solicitation, (BQT07 is code 06), that contains only deletions to a previously transmitted solicitation.*** ***5. Use code 04 to indicate an amended solicitation, (BQT07 is code 06), that contains a combination of additions and deletions to a previously transmitted solicitation. This code is also used to indicate data in a previously transmitted solicitation has changed, e.g., the closing date for receipt of quotes has changed. In effect, the old date is deleted and the new date is added.*** ***6. Use code 07 to indicate the re-transmission of a previously transmitted solicitation.*** ***7. Use code 14 to indicate the transmission of complete or partial data regarding a potential solicitation such as a pre-invitation notice. This***	**M ID 2/2**

code will be used when requesting comments on a proposed solicitation from potential bidders. Do not use when sending a CBD announcement. In that case, use code ZZ.

8. Use code 17 to cancel a previously transmitted solicitation only when the solicitation is to be reissued. Otherwise use code 01 to cancel a previously transmitted solicitation.

9. Use code 18 to indicate the reissue of a previously cancelled solicitation. Do not use when there was no original solicitation or when the original solicitation was cancelled using code 01.

10. Use code ZZ to indicate a Commerce Business Daily Announcement.

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**	**Request for Quote Reference Number**	**M**	**AN 1/45**
			Number assigned by the purchaser to identify his request for quote		
			Use to identify the unique number assigned to the solicitation, regardless of the type of solicitation. If this is an amendment to a solicitation (e.g., BQT01 is code 02, 03, or 04 and BQT07 is code 06), the solicitation number and amendment number will be concatenated.		
Must Use	**BQT03**	**652**	**Request Quotation Control Date**	**M**	**DT 6/6**
			Date to be used for reference purposes in an RFQ and a response to RFQ.		
			Use to specify either the date of the solicitation, (e.g., when BQT01 is one of codes 00,07 or 18); the date of the advanced notification or CBD announcement (e.g., when BQT01 is code 14 or code ZZ); or the date of the amendment (e.g., when BQT01 is code 02, 03, 04 or 17).		
Not Used	**BQT04**	**374**	**Date/Time Qualifier**	**X**	**ID 3/3**
			Code specifying type of date or time, or both date and time		
Not Used	**BQT05**	**373**	**Date**	**O**	**DT 6/6**
			Date (YYMMDD)		
	BQT06	**92**	**Purchase Order Type Code**	**O**	**ID 2/2**
			Code specifying the type of Purchase Order		
			Use in original and reissued solicitations to indicate the type of procurement instrument represented by this transaction set.		

1. Use code NE to indicate a purchase order.

2. Use code RL to indicate releases, calls or delivery orders against existing procurement instruments, e.g., if soliciting quotes on a Federal Supply Schedule item.

3. Use code RT to indicate a rental order.

4. Use code ZZ to indicate that a type of procurement instrument other than a lease, purchase order or delivery order is contemplated. When used, use the following NTE segment to explain the type of contractual instrument contemplated. A request has been submitted to ASC X12 for the following types of procurement instruments: Agreement, Blanket Purchase Agreement, Contract, Basic Agreement, Basic Ordering Agreement, Grant, Indefinite Delivery Indefinite Quantity (IDIQ), Labor Hours, Purchase Order, Indefinite Delivery Definite Quantity (IDDQ), Requirements, Task Order, and Letter Contract. We expect these codes to be available in ASC X12 Version/Release 3050. A code for unpriced order will be asked for and if approved, will be available in a later version of the ASC X12 standards.

LS	Lease
NE	New Order
RL	Release or Delivery Order
	An order for goods and services placed against a pre -existing contract or blanket order
RT	Rental
ZZ	Mutually Defined

BQT07 960 Request for Quote Type Code O ID 2/2

Code specifying the type of request for quote

1. Use to identify the type of solicitation.

2. A request for the following additional codes has been submitted to ASC X12; Request for Technical Proposal, Request For Priced Proposal, Request For Information and Broad Announcement. We expect those codes to be available in ASC X12 Version/Release 3050.

3. Do not use when BQT01 is code ZZ, indicating a CBD Announcement. ASC X12 has been requested to add a code indicating a CBD Announcement. We expect that code to be available in ASC X12 Version/Release 3060. Use of the new code will be authorized in a subsequent edition of the federal implementation convention.

4. Use of code 01 is required when BQT01 is either code 00, 01, 07, 14, or 18.

5. Use of code 06 is required when BQT01 is either code 02, 03, 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

Syntax Notes:

Semantic Notes:

Comments:

1 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

Notes:

1. Use not recommended. Use, only in those cases where no other method of transmitting the data within the transaction set exists, to provide notes/special instructions in free-form text that are applicable to the entire solicitation.

2. Must use only when BQT06 is code ZZ to identify the type of procurement instrument being contemplated.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	NTE01	**363**	**Note Reference Code**	**O**	**ID 3/3**
			Code identifying the functional area or purpose for which the note applies		
			Use any code. Use to identify the nature of the text carried in NTE02.		
			Refer to 003040 Data Element Dictionary for acceptable code values.		
Must Use	**NTE02**	**3**	**Free Form Message**	**M**	**AN 1/60**
			Free-form text		
			Must use when BQT06 is code ZZ to identify the type of contractual instrument contemplated.		

Segment: **CUR** **Currency**

Position: 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:

Comments:

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, acceptable, currency.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**CUR01**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, or an individual ***Use to indicate that a quoting party may quote in either U.S. dollars or a currency cited in CUR02, CUR05, or both.*** C5 Party Submitting Quote A business entity submitting a quote; this entity may be the party who ultimately performs if an order is received, or the entity may be submitting the quote on behalf of another entity who will perform if an order is received	**M ID 2/2**
Must Use	**CUR02**	**100**	**Currency Code** Code (Standard ISO) for country in whose currency the charges are specified ***Use any code except the code for U.S. dollars.***	**M ID 3/3**
Not Used	**CUR03**	**280**	**Exchange Rate** Value to be used as a multiplier conversion factor to convert monetary value from one currency to another	**O R 4/6**

Not Used	**CUR04**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, or an individual	**O**	**ID 2/2**
	CUR05	**100**	**Currency Code** Code (Standard ISO) for country in whose currency the charges are specified ***Use, if needed, to cite any code, except the code for U.S. dollars.***	**O**	**ID 3/3**
Not Used	**CUR06**	**669**	**Currency Market/Exchange Code** Code identifying the market upon which the currency exchange rate is based	**O**	**ID 3/3**
Not Used	**CUR07**	**374**	**Date/Time Qualifier** Code specifying type of date or time, or both date and time	**X**	**ID 3/3**
Not Used	**CUR08**	**373**	**Date** Date (YYMMDD)	**O**	**DT 6/6**
Not Used	**CUR09**	**337**	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	**O**	**TM 4/8**
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** Date (YYMMDD)	**O**	**DT 6/6**
Not Used	**CUR12**	**337**	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	**O**	**TM 4/8**
Not Used	**CUR13**	**374**	**Date/Time Qualifier** Code specifying type of date or time, or both date and time	**X**	**ID 3/3**
Not Used	**CUR14**	**373**	**Date** Date (YYMMDD)	**O**	**DT 6/6**
Not Used	**CUR15**	**337**	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	**O**	**TM 4/8**
Not Used	**CUR16**	**374**	**Date/Time Qualifier** Code specifying type of date or time, or both date and time	**X**	**ID 3/3**
Not Used	**CUR17**	**373**	**Date**	**O**	**DT 6/6**

			Date (YYMMDD)		
Not Used	**CUR18**	**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	**CUR19**	**374**	**Date/Time Qualifier**	**X**	**ID 3/3**
			Code specifying type of date or time, or both date and time		
Not Used	**CUR20**	**373**	**Date**	**O**	**DT 6/6**
			Date (YYMMDD)		
Not Used	**CUR21**	**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)		

Segment: **REF** **Reference Numbers**
Position: 050
Loop:
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:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**REF01**	**128**	**Reference Number Qualifier** Code qualifying the Reference Number.	**M ID 2/2**

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 (SOW) number or a number within a statement of work where additional information can be found. If the SOW is a part of the solicitation, the PWK segment can be used to indicate how it is being transmitted to the quoting party if not otherwise included in the solicitation. If it is included in the solicitation, use the following MSG segment, if applicable.

3. Use code AU, as applicable, to cite the statutory authority for using other than full and open competition.

4. Use code BB to indicate the statutory authority under which the resultant order is to be negotiated.

5. Use code CH to indicate the Catalog of Federal Domestic Assistance where the funding source for a research effort can be found. Data maintenance has been submitted to ASC X12 for a code for the generic term Catalog. If approved, that code will be available for use in ASC X12 Version/Release 3050. In the meantime, use this code.

6. Use code CT, if applicable, to indicate a pre-established contract number pertaining to this solicitation.

7. Use code IJ to indicate the Standard Industrial Classification (SIC) Code applicable to this solicitation.

8. Use code IL to indicate the requisition number (e.g., the MILSTRIP/FEDSTRIP document number).

9. Use code IX to indicate a Federal Supply Classification (FSC) special item number.

10. Use code K4, if applicable, to indicate the surveillance criticality designator that will be applicable to any purchase action resulting from this 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
	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
2E	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
97	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
K7	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
	Identifies an item with a two-digit group number, two-digit part number, and one-character section letter
XE	Transportation Priority Number
	Number indicating the level of government priority associated with the transportation of a shipment
ZF	Contractor Establishment Code (CEC)
	Goverment identifier to designate a contractor; it is nine characters, eight numeric and a final alpha

		ZZ Mutually Defined		
REF02	**127**	**Reference Number**	**X**	**AN 1/30**
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
		If a document number has an associated revision number, concatenate the document and revision numbers and carry the resultant number in this data element.		
REF03	**352**	**Description**	**X**	**AN 1/80**
		A free-form description to clarify the related data elements and their content		
		Use to identify additional information related to the number cited in REF02. Use of free-form text is discouraged.		

Segment: **PER** **Administrative Communications Contact**

Position: 060

Loop:

Level: Heading

Usage: Optional

Max Use: 3

Purpose: To identify a person or office to whom administrative communications should be directed

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

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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**PER01**	**366**	**Contact Function Code** Code identifying the major duty or responsibility of the person or group named ***1. A request has been submitted to ASC X12 asking for a code for Advisor. If approved, that code will be available for use in ASC X12 Version/Release 3050.*** ***2. For code AT, the word "contract" is incorrect in the standards. The correct word should be "contact."*** AT — Material Safety Data Sheet Contact CD — Contract Contact HM — Hazardous Material Contact IO — Issuing Officer QR — Ordering Officer An individual authorized to place orders against existing contracts ZZ — Mutually Defined	**M ID 2/2**
	PER02	**93**	**Name** Free-form name ***Cite the last name first, followed by the first name. Do not truncate the***	**O AN 1/35**

last name if the whole name is longer than 35 characters. Instead, truncate or use the initial of the first name.

PER03	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**

Code identifying the type of communication number

1. If code IT is used, include the country code.

2. Use code TE to indicate the commercial telephone number of the identified party.

AU	Defense Switched Network
	Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
EM	Electronic Mail
FX	Facsimile
IT	International Telephone
TE	Telephone

PER04	**364**	**Communication Number**	**X**	**AN 1/80**

Complete communications number including country or area code when applicable

When PER03 is code TE, be sure to include the area code.

PER05	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**

Code identifying the type of communication number

Use to identify a second communication number for the party cited in PER02. For example, if PER03/04 identifies the commercial telephone number, then PER05/06 can be used to identify an electronic mail number.

1. Do not use code EX unless there is one iteration of PER03/04 using either code AU, TE or IT.

2. For code IT, include the country code.

3. Use code TE to indicate the commercial telephone number of the party identified in PER02.

AU	Defense Switched Network
	Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
EM	Electronic Mail
EX	Telephone Extension
FX	Facsimile
IT	International Telephone
TE	Telephone

PER06	**364**	**Communication Number**	**X**	**AN 1/80**

Complete communications number including country or area code when applicable

When PER05 is code TE, be sure to include the area code.

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

Position: 080

Loop:

Level: Heading

Usage: Optional

Max Use: >1

Purpose: To specify transportation instructions relating to shipment

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

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

Comments:

Notes:
1. Use the 1/FOB/080 segment if the FOB point and the acceptance location apply to all of the line items. When the FOB point or acceptance locations vary by line item, use the 2/FOB/180 segment.

2. This segment is not necessary when the item being solicited is a service.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**FOB01**	**146**	**Shipment Method of Payment**	**M**	**ID 2/2**
			Code identifying payment terms for transportation charges		
			1. Use code BP to indicate when the FOB point is origin.		
			2. Use code PE to indicate when transportation costs are authorized to be prepaid and added to the invoice.		
			3. Use code PP to indicate when the FOB point is destination.		
			BP — Paid by Buyer The buyer agrees to the transportation payment term requiring the buyer to pay transportation charges to a specified location (origin or destination location)		
			PE — Prepaid and Summary Bill		
			PP — Prepaid (by Seller)		
	FOB02	**309**	**Location Qualifier**	**X**	**ID 1/2**
			Code identifying type of location		
			Use to identify the FOB point.		

1. Use code IT to indicate a Freight Forwarder.

2. Use code ZZ to indicate that the FOB point is neither origin nor destination. When used, cite the actual FOB point in FOB03. If the actual FOB point is an address or geographical location, use in conjunction with one iteration of the appropriate N1 loop, using code KX in N101.

DE	Destination (Shipping)
FV	Free Alongside Vessel (Free On Board [F.O.B.] Point)
IT	Intermediate FOB Point
	A location indicating the point of destination is not the origin or final destination but rather at some other point
OR	Origin (Shipping Point)
ZZ	Mutually Defined

	FOB03	**352**	**Description**	**O**	**AN 1/80**
			A free-form description to clarify the related data elements and their content		
			Use to identify the FOB point only when FOB02 is code ZZ. If necessary, use one iteration of the N1 loop, using code KX in N101, to specify the address of the FOB point. Use of this data element is discouraged.		
Not Used	**FOB04**	**334**	**Transportation Terms Qualifier Code**	**O**	**ID 2/2**
			Code identifying the source of the transportation terms		
Not Used	**FOB05**	**335**	**Transportation Terms Code**	**X**	**ID 3/3**
			Code identifying the trade terms which apply to the shipment transportation responsibility		
	FOB06	**309**	**Location Qualifier**	**X**	**ID 1/2**
			Code identifying type of location		
			1. Use to identify the acceptance point.		
			2. Use code ZZ to identify that the acceptance point is neither at origin nor at destination. When used, cite the actual acceptance point in FOB07. If the actual FOB point is an address or geographical location, use in conjunction with one iteration of the N1 loop, using code ZZ in N101.		

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

	FOB07	**352**	**Description**	**O**	**AN 1/80**
			A free-form description to clarify the related data elements and their content		
			Use to identify the acceptance point when FOB06 is code ZZ. If		

			necessary, use one iteration of the 1/N1/310 loop, using code ZZ in N101, to identify the address of the acceptance point. Use of this data element is discouraged.		
Not Used	**FOB08**	**54**	**Risk of Loss Qualifier** Code specifying where responsibility for risk of loss passes	**O**	**ID 2/2**
Not Used	**FOB09**	**352**	**Description** A free-form description to clarify the related data elements and their content	**X**	**AN 1/80**

Segment: **CSH** **Header Sale Condition**

Position: 110

Loop:

Level: Heading

Usage: Optional

Max Use: 1

Purpose: To specify general conditions or requirements of the sale

Syntax Notes:
1 If CSH02 is present, then CSH03 is required.
2 If either CSH06 or CSH07 is present, then the other is required.

Semantic Notes:
1 CSH04 is the account number to which the purchase amount is to be charged.
2 CSH06 identifies the source of the code value in CSH07.
3 CSH09 is the percent of the Set-Aside.

Comments:

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.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
CSH01	**563**	**Sales Requirement Code** Code to identify a specific requirement or agreement of sale ***Data maintenance has been sent to ASC X12 asking for the following codes: Section (8a) Set-Aside, Restricted to Historically Black College or University or Minority Institution, Restricted to Educational Institutions, Restricted to Industrial Preparedness Program Participants, Labor Surplus Area Set-Aside, Restricted to Qualified Bidders List, Restricted to Qualified Manufacturers List, Restricted to Qualified Products List (QPL) Products, Restricted to U.S. and Canadian Sources, Other Unlisted Sales Condition, Unrestricted Procurement, and Restricted to Young Investigator Program. Additional data maintenance will be requested, asking for the addition of qualifier codes for a Buy Indian Act set-aside and for a purchase set-aside for an emerging small business. If approved, those codes will be available for use in a subsequent issue of the ASC X12 standards.*** ***1. Use code P to indicate a contract set-aside for a small business.*** ***2. Use code SC to indicate that a partial shipment will not be acceptable.*** ***3. Use code SV to indicate that the solicited item(s) are to be shipped in place.***	**O ID 1/2**

4. Use code Z to indicate a warranty is required.

IS	Substitute Item Allowed
K	Small Purchase Set Aside for Small Businesses
	A procurement action that has been reserved for (set aside for) businesses classified as "small business"
P	Large Purchase, Set-Aside for Small Business
P2	Ship As Soon As Possible
P4	Do Not Preship
Q	Small, Disadvantaged Business Set-Aside
R	Combined Small, Disadvantaged Business and Labor Surplus Area Set-Aside
S	Partial Labor Surplus Area Set Aside
SC	Ship Complete
SV	Ship Per Release
T	Small Business with Small, Disadvantaged Business Consideration Set-Aside
Z	Mutually Defined

Not Used	**CSH02**	**564**	**Do-Not-Exceed Action Code**	**O**	**ID 1/1**
			Code indicating the action to be taken if the order amount exceeds the value of Do-Not-Exceed Amount (565)		
Not Used	**CSH03**	**565**	**Do-Not-Exceed Amount**	**X**	**N2 2/9**
			Maximum monetary amount value which the order must not exceed.		
Not Used	**CSH04**	**508**	**Account Number**	**O**	**AN 1/35**
			Account number assigned		
Not Used	**CSH05**	**596**	**Required Invoice Date**	**O**	**DT 6/6**
			Date specified by the sender to be shown on the invoice.		
	CSH06	**559**	**Agency Qualifier Code**	**X**	**ID 2/2**
			Code identifying the agency assigning the code values		

Use code AX to comply with the syntax of the CSH segment.

AX	ANSI Accredited Standards Committee, X12

	CSH07	**560**	**Special Services Code**	**X**	**ID 2/10**
			Code identifying the special service		

Use to identify the inspection point as either at origin or at destination. Data element 560 does not appear in Table 2 of this transaction set. Therefore, if the inspection location varies by line item, code L1 in N101 of the 2/N1/340 loop must be used for this purpose.

IM	Inspect at Destination
IO	Inspect at Origin

	CSH08	**566**	**Product/Service Substitution Code**	**O**	**ID 1/2**
			Code indicating product or service substitution conditions		

1. Use only one of codes A, X, or Y when CSH01 is code IS to identify

any conditions applicable to offering a substitute product.

2. Use code B0 only when CSH01 cites a code other than code IS.

A	No Quantity or Unit of Measure Change Allowed
B0	No Substitution Allowed
X	Equivalent Item Substitution
Y	Alternate Item Substitution Allowed

CSH09	**954**	**Percent**	**O**	**R**	**1/10**

Percentage expressed as a decimal

When CSH01 is one of codes K, P, Q, R, S, or T, use to identify the percent of the set-aside in this data element.

Segment: **SAC** **Service, Promotion, Allowance, or Charge Information**

Position: 120

Loop:

Level: Heading

Usage: Optional

Max Use: 25

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Syntax Notes:

1 At least one of SAC02 or SAC03 is required.

2 If either SAC03 or SAC04 is present, then the other is required.

3 If either SAC06 or SAC07 is present, then the other is required.

4 If either SAC09 or SAC10 is present, then the other is required.

5 If SAC11 is present, then SAC10 is required.

6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.

7 If SAC14 is present, then SAC13 is required.

Semantic Notes:

1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.

2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.

3 SAC10 alone is used to indicate a specific quantity which could be a dollar amount, that is applicable to service, promotion, allowance or charge. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.

4 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.

5 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

Comments:

1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.

2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Notes:

1. Use the 1/SAC/120 segment to identify services that apply to all of the line items that will be included in the resultant order. The bidder is to indicate in the quote that there is either no charge for the service or identify the applicable charges.

2. If services vary by line item, use the 2/SAC/130 segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**SAC01**	**248**	**Allowance or Charge Indicator** Code which indicates an allowance or charge for the service specified ***Use to comply with the mandatory nature of this data element when***	**M ID 1/1**

			transmitting only a service, promotion, allowance, or charge code in SAC02. When used in that manner, enter the value "0" in SAC05 to comply with semantic note governing the use of that data element.		
			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		
			Use any code.		
			Refer to 003040 Data Element Dictionary for acceptable code values.		
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**	**X**	**AN 1/10**
			Agency maintained code identifying the service, promotion, allowance, or charge		
	SAC05	**610**	**Amount**	**O**	**N2 1/15**
			Monetary amount		
			Use to enter an actual dollar amount of an allowance or a charge, or enter '0' when SAC01 is used to comply with the syntax necessary to use a code value in SAC02.		
Not Used	**SAC06**	**378**	**Allowance/ Charge Percent Qualifier**	**X**	**ID 1/1**
			Code indicating on what basis allowance or charge percent is calculated		
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**	**O**	**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 expressed, or manner in which a measurement has been taken		
Not Used	**SAC10**	**339**	**Allowance or Charge Quantity**	**X**	**R 1/10**
			Quantity basis when allowance or charge quantity is different from the purchase order or invoice quantity		
Not Used	**SAC11**	**339**	**Allowance or Charge Quantity**	**O**	**R 1/10**
			Quantity basis when allowance or charge quantity is different from the purchase order or invoice quantity		
Not Used	**SAC12**	**331**	**Allowance or Charge Method of Handling Code**	**O**	**ID 2/2**
			Code indicating method of handling for an allowance or charge		
Not Used	**SAC13**	**127**	**Reference Number**	**X**	**AN 1/30**
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
Not Used	**SAC14**	**770**	**Option Number**	**O**	**AN 1/20**

			A unique number identifying available promotion or allowance options when more than one is offered		
Not Used	**SAC15**	**352**	**Description**	**O**	**AN 1/80**
			A free-form description to clarify the related data elements and their content		

Segment: **DTM** **Date/Time Reference**
Position: 150
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes: **1** At least one of DTM02 DTM03 or DTM06 is required.
2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:
Comments:
Notes: ***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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**DTM01**	**374**	**Date/Time Qualifier** Code specifying type of date or time, or both date and time ***A request has been submitted to ASC X12 to add a code for Meeting. This code will be used to specify the date of a pre-proposal conference. We expect this code will be available for use in ASC X12 Version/Release 3050.*** ***1. Use code 077 to specify the beginning date of the week.*** ***2. Use code 106 to indicate delivery is due exactly on the specified date. Use code 996 for due on or before a specified date.*** ***3. Use code 150 to indicate the performance commencement date when soliciting a service.*** ***4. Use code 151 to indicate the performance completion date when soliciting a service.*** ***5. When code 174 is used, cite the last day of the month.*** ***6. When the 1/REF/050 segment contains code TN in REF01, use code***	**M**	**ID 3/3**

368 to specify the date of the reference transaction set, e.g., an 841, 805, 251 transaction set.

7. Use code 996 to indicate the required delivery date when delivery can be made on or before the specified date.

8. Use code 997 to specify the date and time by which the quotation must be received.

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 becomes invalid for use)
996	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 received at a location specified in an RFQ

DTM02	**373**	**Date**	**X**	**DT 6/6**
		Date (YYMMDD)		
DTM03	**337**	**Time**	**X**	**TM 4/8**
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
		Specify time only in the HHMM format.		

DTM04	**623**	**Time Code**	**O**	**ID 2/2**

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

Use only when DTM03 is used to express a time.

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
PT	Pacific Time

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

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

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

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

Use only when the date or time cannot be expressed in YYMMDD or HHMM format. In that case, use any code and specify the date and/or time in DTM07.

Refer to 003040 Data Element Dictionary for acceptable code values.

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

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

When delivery is specified as a range of time for a given date, e.g., use code RTM in DTM06 to qualify a range of times for a delivery on March 30, 1994 between 1:00 PM and 4:00 PM local time. Use DTM01/02 to convey the March 30, 1994 date.

Segment: **LDT** **Lead Time**
Position: 160
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify lead time for availability of products and services
Syntax Notes:
Semantic Notes: **1** LDT04 is the effective date of lead time information.
Comments: **1** LDT02 is the quantity of unit of time periods.
Notes: ***Use the 1/LDT/160 segment to identify time periods expressed as a specified time period from a stated event that apply to all the line items. When the time periods vary by line item, use the 2/LDT/298 loop.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**LDT01**	**345**	**Lead Time Code** Code indicating the time range ***A request has been submitted to ASC X12 to add a code for From Date of Award to Date of Delivery. We expect this code will be available for use in ASC X12 Version/Release 3050.*** ***1. Use code AI to indicate that the consignee or other contact must be notified within the time period cited to schedule a shipment.*** ***2. Use code AT to indicate the time period for which a submitted quote must remain valid with the quote opening date as the basis.*** ***3. Use code AU to indicate the time period a quote must remain valid with the quote "received by" date as the basis.*** AA — From date of PO receipt to sample ready AD — From date of sample approval to first product shipment AE — From date of PO receipt to shipment AF — From date of PO receipt to delivery AH — From Date of Receipt of First Article to First Article Approval AI — From Date of a Specified Event to Delivery AT — From Bid Opening to Expiration of Bid AU — From Required-By Date to Expiration Date AZ — From Date of Receipt of Item to Date of Approval of Item	**M ID 2/2**
Must Use	**LDT02**	**380**	**Quantity**	**M R 1/15**

			Numeric value of quantity		
Must Use	**LDT03**	**344**	**Unit of Time Period or Interval**	**M**	**ID 2/2**
			Code indicating the time period or interval		
			Use code KK to indicate a flexible time period, e.g., X number of days or less.		
			CY Calendar Year		
			DA Calendar Days		
			KK Maximum Calendar Days		
			MO Month		
			QY Quarter of a Year		
			SA Semiannual		
			WK Weeks		
	LDT04	**373**	**Date**	**O**	**DT 6/6**
			Date (YYMMDD)		

Segment: **PID** **Product/Item Description**

Position: 190

Loop:

Level: Heading

Usage: Optional

Max Use: 200

Purpose: To describe a product or process in coded or free-form format

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

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

Comments:
1 If PID01 = ``F'', then PID05 is used. If PID01 = ``S'', then PID04 is used. If PID01 = ``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. Des.	Data Element	Name	Attributes	
Must Use	**PID01**	**349**	**Item Description Type** Code indicating the format of a description F Free-form	**M**	**ID 1/1**
Not Used	**PID02**	**750**	**Product/Process Characteristic Code** Code identifying the general class of a product or process characteristic	**O**	**ID 2/3**
Not Used	**PID03**	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values	**X**	**ID 2/2**
Not Used	**PID04**	**751**	**Product Description Code** A code from an industry code list which provides specific data about a	**X**	**AN 1/12**

			product characteristic		
Must Use	**PID05**	**352**	**Description** A free-form description to clarify the related data elements and their content	**X**	**AN 1/80**
Not Used	**PID06**	**752**	**Surface/Layer/Position Code** Code indicating the product surface, layer or position that is being described	**O**	**ID 2/2**
Not Used	**PID07**	**822**	**Source Subqualifier** A reference that indicates the table or text maintained by the Source Qualifier	**O**	**AN 1/15**
Not Used	**PID08**	**1073**	**Yes/No Condition or Response Code** Code indicating a Yes or No condition or response	**O**	**ID 1/1**

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 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.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
MEA01	**737**	**Measurement Reference ID Code** Code identifying the broad category to which a measurement applies ***1. Use code CS when REF01 is code IJ, to indicate the size standard of the cited SIC code.*** ***2. Use code CT to indicate variation in quantity when expressed as a discrete quantity. Use MEA 05/06 to indicate the quantity over and under.*** ***3. Use code DE to indicate a warranty period.*** ***4. Use code PM to indicate that measurement values are applicable to the minimum and maximum quantity or dollar value permitted per order against an indefinite instrument. Use MEA 05/06 to indicate the***	**O ID 2/2**

minimum and maximum.

CS	Core Size
CT	Counts
DE	Defects
PM	Permitted The condition or activity approved by the appropriate regulatory agency

MEA02 738 Measurement Qualifier O ID 1/3

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

Listed codes are preferred.

Data maintenance has been submitted to ASC X12 to add codes for the following evaluation factors: cost, cost realism, human factors, management, price, prior experience, past performance, quality, schedule and technical. If approved, codes will be available for use in ASC X12 Version/Release 3050.

1. Use code MX when MEA01 is code CS, to indicate the maximum size standard applicable to the SIC code identified in the 1/REF/050 segment.

2. Use code PO to indicate the percent variation in quantity permitted for the line items. Use MEA05/06 to indicate the percent over and under.

3. Use code TT to indicate the length of a warranty period. Specify the length of time in MEA03 and the time period in MEA04-1.

MX	Maximum
PO	Percent of Order (-, +) Expression of allowable variance of order expressed either as absolute (for example 92% to 110%) or relative percent (for example - 8% to + 10%)
TT	Time

MEA03 739 Measurement Value X R 1/10

The value of the measurement

MEA04 C001 Composite Unit of Measure X

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

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

Must Use C00101 355 Unit or Basis for Measurement Code M ID 2/2

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

Listed codes are preferred.

1. When MEA01 is code CS and MEA02 is code MX, MEA04-01 can be either code IE or code R5.

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

3. Use code IE to indicate the size standard in terms of the number of employees, for the SIC code cited in the 1/REF/050 segment.

4. Use code R5 to indicate the size standard in terms of dollars, for the SIC code cited in the 1/REF/050 segment.

5. Use code UN when evaluation factors are available for use in ASC X12 to indicate the value cited in MEA03 is the rank order of the evaluation factor cited in MEA02, (e.g., the number 2 would indicate the evaluation factor is the second in order of importance).

IE	Person
R5	Thousands of Dollars
UN	Unit

Not Used	**C00102**	**1018**	**Exponent** Power to which a unit is raised	**O**	**R 1/15**
Not Used	**C00103**	**649**	**Multiplier** Value to be used as a multiplier to obtain a new value	**O**	**R 1/10**
Not Used	**C00104**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	**O**	**ID 2/2**
Not Used	**C00105**	**1018**	**Exponent** Power to which a unit is raised	**O**	**R 1/15**
Not Used	**C00106**	**649**	**Multiplier** Value to be used as a multiplier to obtain a new value	**O**	**R 1/10**
Not Used	**C00107**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	**O**	**ID 2/2**
Not Used	**C00108**	**1018**	**Exponent** Power to which a unit is raised	**O**	**R 1/15**
Not Used	**C00109**	**649**	**Multiplier** Value to be used as a multiplier to obtain a new value	**O**	**R 1/10**
Not Used	**C00110**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	**O**	**ID 2/2**
Not Used	**C00111**	**1018**	**Exponent** Power to which a unit is raised	**O**	**R 1/15**

Not Used	**C00112**	**649**	**Multiplier** Value to be used as a multiplier to obtain a new value	**O**	**R 1/10**
Not Used	**C00113**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	**O**	**ID 2/2**
Not Used	**C00114**	**1018**	**Exponent** Power to which a unit is raised	**O**	**R 1/15**
Not Used	**C00115**	**649**	**Multiplier** Value to be used as a multiplier to obtain a new value	**O**	**R 1/10**
	MEA05	**740**	**Range Minimum** The value specifying the minimum of the measurement range ***1. When MEA01 is code CT or MEA02 is code PO, use to identify the variation under.*** ***2. When MEA01 is code PM, use to identify the minimum quantity or dollar value for an order that can be placed against a requirements or indefinite quantity instrument.***	**X**	**R 1/10**
	MEA06	**741**	**Range Maximum** The value specifying the maximum of the measurement range ***1. When MEA01 is code CT or MEA02 is code PO, use to identify the variation over.*** ***2. When MEA01 is code PM, use to identify the maximum quantity or dollar value for an order that can be placed against a requirements or indefinite quantity instrument.***	**X**	**R 1/10**
Not Used	**MEA07**	**935**	**Measurement Significance Code** Code used to benchmark, qualify or further define a measurement value	**O**	**ID 2/2**
Not Used	**MEA08**	**936**	**Measurement Attribute Code** Code used to express an attribute response when a numeric measurement value cannot be determined	**X**	**ID 2/2**
Not Used	**MEA09**	**752**	**Surface/Layer/Position Code** Code indicating the product surface, layer or position that is being described	**O**	**ID 2/2**
Not Used	**MEA10**	**1373**	**Measurement Method or Device** The method or device used to record the measurement	**O**	**ID 2/4**

Segment: **PWK** **Paperwork**

Position: 210

Loop:

Level: Heading

Usage: Optional

Max Use: 25

Purpose: To identify the type and transmission of paperwork or supporting information

Syntax Notes:
1 If either PWK05 or PWK06 is present, then the other is required.

Semantic Notes:

Comments:
1 PWK05 and PWK06 may be used to identify the addressee by a code number.
2 PWK07 may be used to indicate special information to be shown on the specified report.
3 PWK08 may be used to indicate action pertaining to a report.

Notes:
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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**PWK01**	**755**	**Report Type Code** Code indicating the title or contents of a document, report or supporting item ***A request has been submitted to ASC X12 to add codes for: Certified Cost and Price Data, Wage Determination, Union Agreement, and Attachment. We expect these codes to be available for use in ASC X12 Version/Release 3050.*** ***1. Use code 25 to indicate a make or buy plan is required.*** ***2. Use code 35 to indicate a subcontracting plan is required.*** ***3. Use code C1 to indicate cost and price data is required.*** ***4. Use code CP to indicate a Certificate of Conformance.*** ***5. Use code SD to indicate that supporting technical documentation, statement of work or other information is either being provided by the soliciting party or required of the selling party in the quote.***	**M ID 2/2**

25	Purchase Plan
35	Subcontractor Plan
C1	Cost Data Summary
CP	Certificate of Compliance (Material Certification)
CX	Cost/Schedule Status Report (C/SSR)
	Contract status report showing budget, performance, actual, cost variance, schedule variance, budget at complete, estimate at complete, and variance 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
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 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 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
	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, 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 Transmission Code**	**O**	**ID 2/2**
			Code defining timing, transmission method or format by which reports are to be sent		
			Code EL is preferred when the identified paperwork can be provided electronically using one of the ASC X12 transaction sets specifically designed for the purpose.		
			BM	By Mail	
			EL	Electronically Only	
			FX	By Fax	
			WS	With Shipment (With Package)	
	PWK03	**757**	**Report Copies Needed**	**O**	**N0 1/2**
			The number of copies of a report that should be sent to the addressee		
	PWK04	**98**	**Entity Identifier Code**	**O**	**ID 2/2**
			Code identifying an organizational entity, a physical location, or an individual		
			Use any code. Use, as applicable, to identify a party relevant to the cited paperwork.		
			Refer to 003040 Data Element Dictionary for acceptable code values.		
	PWK05	**66**	**Identification Code Qualifier**	**X**	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			Use any code.		
			Refer to 003040 Data Element Dictionary for acceptable code values.		
	PWK06	**67**	**Identification Code**	**X**	**AN 2/17**
			Code identifying a party or other code		
	PWK07	**352**	**Description**	**O**	**AN 1/80**
			A free-form description to clarify the related data elements and their content		
			Use only if necessary to identify information or instructions related to a specified paperwork item. Use is discouraged.		
	PWK08	**C002**	**Actions Indicated**	**O**	
			Actions to be performed on the piece of paperwork identified		
Must Use	**C00201**	**704**	**Paperwork/Report Action Code**	**M**	**ID 1/2**
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required		
			1. Use code 2 to indicate that the specified paperwork will be required in the resultant contract or order. ***2. Use code 3 to indicate that the specified paperwork is being provided in a separate medium or transaction set, but is a part of the solicitation.***		

Data maintenance has been submitted to ASC X12 asking for a code for Provided. If approved, that code will be available for use in ASC X12 Version /Release 3050. In the meantime, use this code.

3. Use code 5 to indicate that the specified paperwork must be provided in a timely manner in the response to the solicitation (e.g., possibly in a different medium, but to be included as a part of the quote).

2	Report to be Filed
3	Complete
	Use the information provided, add additional required data, distribute as indicated
5	Generate

Not Used	**C00202**	**704**	**Paperwork/Report Action Code**	**O**	**ID 1/2**
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required		
Not Used	**C00203**	**704**	**Paperwork/Report Action Code**	**O**	**ID 1/2**
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required		
Not Used	**C00204**	**704**	**Paperwork/Report Action Code**	**O**	**ID 1/2**
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required		
Not Used	**C00205**	**704**	**Paperwork/Report Action Code**	**O**	**ID 1/2**
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required		

Segment: **PKG** **Marking, Packaging, Loading**

Position: 220

Loop:

Level: Heading

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.
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.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
PKG01	**349**	**Item Description Type** Code indicating the format of a description ***Use code F when the packaging information is identified as free-form text.*** F Free-form	**X**	**ID 1/1**
PKG02	**753**	**Packaging Characteristic Code** Code specifying the marking, packaging, loading and related characteristics being described ***A request has been submitted to ASC X12 to add MIL-STD 2073-2C packaging characteristic codes, e.g., CD - Cleaning/Drying Procedures, CT - Cushioning Thickness, etc. We expect those codes to be available***	**O**	**ID 1/5**

for use in ASC X12 Version/Release 3050.

Use code 65 to indicate MIL-STD 2073-2C packaging codes. Cite the code string in PKG05.

65	Core Characteristics	

	PKG03	**559**	**Agency Qualifier Code**	**X**	**ID 2/2**
			Code identifying the agency assigning the code values		

Use code ZZ to indicate an activity other than DoD or GSA. Data maintenance has been submitted to ASC X12. If approved, a code for Federal Government will be available in ASC X12 Version/Release 3060.

DD	Department of Defense Responsible for Military Specification
GS	General Services Administration (GSA) Responsible for Federal Specification
ZZ	Mutually Defined

Not Used	**PKG04**	**754**	**Packaging Description Code**	**X**	**AN 1/7**
			A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product		
	PKG05	**352**	**Description**	**X**	**AN 1/80**
			A free-form description to clarify the related data elements and their content		

Use to identify a string of MIL-STD 2073-2C packaging codes or to identify packaging information in free-form text. The MIL-STD 2073 -2C code string uses a positional and sequential system. Coded data must appear in the sequence and number of positions specified in Appendix F of MIL-STD 2073-1. Zeros shall be inserted in the code string for data that is not being provided. A comma (,) will be used as a delimiter between data in the code string. Use of this data element is discouraged if other methods of transmitting the data exist within this transaction set.

Not Used	**PKG06**	**400**	**Unit Load Option Code**	**X**	**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.

3 If TD507 is present, then TD508 is required.

4 If TD510 is present, then TD511 is required.

Semantic Notes:

Comments:

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

Notes:

1. Use 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. Des.	Data Element	Name	Attributes	
Not Used	**TD501**	**133**	**Routing Sequence Code** Code describing the relationship of a carrier to a specific shipment movement	**O**	**ID 1/2**
	TD502	**66**	**Identification Code Qualifier** Code designating the system/method of code structure used for Identification Code (67) ***When TD504 is code PL, use code 10 to indicate the number in TD503 is the DoDAAC of the pipeline.*** 10 Department of Defense Activity Address Code (DODAAC)	**X**	**ID 1/2**
	TD503	**67**	**Identification Code** Code identifying a party or other code	**X**	**AN 2/17**
	TD504	**91**	**Transportation Method/Type Code** Code specifying the method or type of transportation for the shipment ***Use any code. When code D is used, it is to be defined as the class of service provided only by the United States Postal Service, and not a private carrier. A conversion table may be required to convert agency codes to the codes used by ASC X12.*** Refer to 003040 Data Element Dictionary for acceptable code values.	**X**	**ID 1/2**

Segment: **MAN** **Marks and Numbers**

Position: 270

Loop:

Level: Heading

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 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

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**MAN01**	**88**	**Marks and Numbers Qualifier**	**M**	**ID 1/2**
			Code specifying the application or source of Marks and Numbers (87)		
			Use to indicate that the marks and numbers are applicable to all line items in the solicitation.		
			S Entire Shipment		
Must Use	**MAN02**	**87**	**Marks and Numbers**	**M**	**AN 1/45**
			Marks and numbers used to identify a shipment or parts of a shipment		
	MAN03	**87**	**Marks and Numbers**	**O**	**AN 1/45**
			Marks and numbers used to identify a shipment or parts of a shipment		
	MAN04	**88**	**Marks and Numbers Qualifier**	**O**	**ID 1/2**
			Code specifying the application or source of Marks and Numbers (87)		
			Use to indicate additional marks and numbers applicable to all line items in the solicitation.		
			S Entire Shipment		
	MAN05	**87**	**Marks and Numbers**	**O**	**AN 1/45**
			Marks and numbers used to identify a shipment or parts of a shipment		
	MAN06	**87**	**Marks and Numbers**	**O**	**AN 1/45**
			Marks and numbers used to identify a shipment or parts of a shipment		

Segment: **RRA** **Required Response**

Position: 280

Loop:

Level: Heading

Usage: Optional

Max Use: 25

Purpose: To indicate information that is required to be included in the response

Syntax Notes:

Semantic Notes: **1** Use RRA02 only to specify applicable regulatory or contractual clause.

Comments:

Notes: ***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. Des.	Data Element	Name	Attributes
Must Use	**RRA01**	**701**	**Information Type** 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	**M ID 2/2**
	RRA02	**127**	**Reference Number** Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	**O AN 1/30**

Segment: **N9** **Reference Number**

Position: 290

Loop: N9 Optional

Level: Heading

Usage: Optional

Max Use: 1

Purpose: To transmit identifying numbers and descriptive information as specified by the reference number qualifier

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

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

Comments:

Notes:

1. Use 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.

2. When an alternate section is relevant for a cited clause, concatenate the alpha/numeric alternate designation with the clause number in N902.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**N901**	**128**	**Reference Number Qualifier**	**M ID 2/2**
			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 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 in the DFARS.

4. Use code DX to indicate an agency clause contained in an agency supplement to the Federal Acquisition Regulation. When used, indicate the agency in N903.

5. Use code K7 to indicate information for prospective bidders, e.g., labeling or packaging information, quotation instructions, etc. Cite an applicable number in N902 and provide the information in the

following MSG segment. The numbering system can be based on the uniform contract format, e.g., H-1 for special requirements, or any other numbering system the originator desires. The 2/REF/100 segment can then be used to identify the reference when it is applicable to a line item.

6. Use code KT to indicate another type of reference number applicable to the solicitation. This number is not the RFQ number (which is found in BQT02). Indicate the source of the reference in N903 and provide, if necessary, the text of the item in the following MSG segment. For example, this code could be used as a way of getting to the following MSG segment when the full text must be transmitted. In that case, a reference number that follows the uniform contract format could be used.

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

73	Statement of Work (SOW) Description of a product or service to be procured under a contract; statement of requirements
CJ	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 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, 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
VB	Department of Veterans Affairs Acquisition Regulations (VAAR)

	N902	**127**	**Reference Number** Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	**X**	**AN 1/30**
	N903	**369**	**Free-form Description** Free-form descriptive text ***Use is discouraged.***	**X**	**AN 1/45**
	N904	**373**	**Date** Date (YYMMDD) ***Use to specify the date of a clause or wage determination, or other reference. When the date is used it will be in YYMMDD format so a clause date should always end with the numeric 01 indicating the first day of the month. This rule is necessary to comply with ASC X12 syntax.***	**O**	**DT 6/6**
Not Used	**N905**	**337**	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	**X**	**TM 4/8**
Not Used	**N906**	**623**	**Time Code** Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	**O**	**ID 2/2**

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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**MSG01**	**933**	**Free-Form Message Text** Free-form message text	**M**	**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 receiving printer	**O**	**ID 2/2**

Segment: **N1** **Name**

Position: 310

Loop: N1 Optional (Must Use)

Level: Heading

Usage: Optional (Must Use)

Max Use: 1

Purpose: To identify a party by type of organization, name, and code

Syntax Notes:
1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.

Semantic Notes:

Comments:
1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2 N105 and N106 further define the type of entity in N101.

Notes:
1. Whenever possible, 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 cross-reference data bases to new procurement actions.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**N101**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, or an individual	**M ID 2/2**

1. A data maintenance request has been submitted to ASC X12 asking for the following codes: Meeting Location and Party to Receive Proposal. The meeting location code would be used to identify a place where a prequoting conference is to be held. Since neither code is particularly applicable to small purchases, no effort was made to use a

surrogate code for the purpose. If approved, the code will be applicable in ASC X12 Version/Release 3050.

2. Use code 31 only when an actual mailing address is required, and is different from the address provided for any other qualifier code. Do not use if another qualifier code can be used to pass this address. When used, indicate the name of the party in N102 and N2 segment.

3. Use code BY to indicate the purchasing or soliciting office or activity.

4. Use code CP to indicate the address to send the Certificate of Conformance when it is different from the purchasing or soliciting office or 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)
CP	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
	When services are contracted for, this describes the organization for whom or location address at which those services will be performed
Z7	Mark-for Party
	The party for whom the needed material is intended

		ZZ Mutually Defined		
N102	**93**	**Name** Free-form name	**X**	**AN 1/35**
N103	**66**	**Identification Code Qualifier** Code designating the system/method of code structure used for Identification Code (67)	**X**	**ID 1/2**

1. Use, when applicable, to identify the named party.

2. A request has been submitted to ASC X12 to add a code for Contractor Establishment Code. We expect this code to be available for use in the ASC X12 Version/Release 3050.

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

4. Use of the DUNS or DUNS+4 number (code 1 or code 9) is preferred over any other coded number to identify a named party.

5. Use code 10 to indicate either a Department of Defense or a Civilian Agency Activity Address Code.

6. When N101 is code ST, use code 16 to indicate the ZIP code as a general location for quoting purposes. The full address of the ship to party can be provided later, in the purchase order. If the ZIP code is an FPO or APO, indicate the FPO/APO in the N4 segment.

7. Use code 33 to indicate vendors with CAGE codes.

8. Use code A2 to indicate a MAPAC address.

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

1	D-U-N-S Number, Dun & Bradstreet
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
10	Department of Defense Activity Address Code (DODAAC)
16	ZIP Code
33	Commercial and Government Entity (CAGE)
A2	Military Assistance Program Address Code (MAPAC) Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity
FA	Facility Identification

	N104	**67**	**Identification Code** Code identifying a party or other code	**X**	**AN 2/17**
Not Used	**N105**	**706**	**Entity Relationship Code** Code describing entity relationship	**O**	**ID 2/2**
Not Used	**N106**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, or an individual	**O**	**ID 2/2**

Segment: **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. Des.	Data Element	Name	Attributes	
Must Use	**N201**	**93**	**Name** Free-form name	**M**	**AN 1/35**
	N202	**93**	**Name** Free-form name	**O**	**AN 1/35**

Segment: **N3** **Address Information**

Position: 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:

Comments:

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

Data Element Summary

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

Segment: **N4** **Geographic Location**

Position: 340

Loop: N1 Optional (Must Use)

Level: Heading

Usage: Optional

Max Use: 1

Purpose: To specify the geographic place of the named party

Syntax Notes:
1 If N406 is present, then N405 is required.

Semantic Notes:

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

Notes:
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.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
N401	**19**	**City Name** Free-form text for city name	**O**	**AN 2/30**
N402	**156**	**State or Province Code** Code (Standard State/Province) as defined by appropriate government agency	**O**	**ID 2/2**
N403	**116**	**Postal Code** Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	**O**	**ID 3/9**
N404	**26**	**Country Code** Code identifying the country ***A conversion table may be required to convert agency codes to the codes used by ASC X12.***	**O**	**ID 2/3**
N405	**309**	**Location Qualifier** Code identifying type of location Refer to 003040 Data Element Dictionary for acceptable code values.	**C**	**ID 1/2**
N406	**310**	**Location Identifier** Code which identifies a specific location	**O**	**AN 1/30**

Segment: **REF** **Reference Numbers**

Position: 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:

Comments:

Notes: ***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.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**REF01**	**128**	**Reference Number Qualifier** Code qualifying the Reference Number. ***1. Use code KC to indicate a CDRL distribution list. Cite the distribution list number in REF02.*** ***2. Use code KK to indicate a delivery (e.g., a shipment) distribution list when there are multiple ship to addresses but the list is the same for multiple line items. Indicate the distribution list number in REF02.*** KC Exhibit Distribution List Qualifies a list of addressees to which the distribution of a cited contract exhibit must be made KK Delivery Reference	**M ID 2/2**
Must Use	**REF02**	**127**	**Reference Number** Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	**X AN 1/30**
Not Used	**REF03**	**352**	**Description** A free-form description to clarify the related data elements and their content	**X AN 1/80**

Segment: **PER** **Administrative Communications Contact**

Position: 360

Loop: N1 Optional (Must Use)

Level: Heading

Usage: Optional

Max Use: 3

Purpose: To identify a person or office to whom administrative communications should be directed

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

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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**PER01**	**366**	**Contact Function Code** Code identifying the major duty or responsibility of the person or group named ***1. Use to identify individuals who can be contacted regarding the solicitation.*** ***2. Use code IC to indicate a general information point of contact at the location cited in N101.*** BD Buyer Name or Department CD Contract Contact HM Hazardous Material Contact IC Information Contact IO Issuing Officer PC Purchasing Contracting Officer (PCO) Person to whom a warrant has been issued authorizing that person to obligate funds on behalf of the government QR Ordering Officer An individual authorized to place orders against existing contracts	**M ID 2/2**
	PER02	**93**	**Name** Free-form name	**O AN 1/35**

Cite the last name first, followed by the first name. Do not truncate the last name if whole name is longer than 35 characters. Instead, truncate the first name or use the initial of the first name.

PER03	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**

Code identifying the type of communication number

1. Include the country code with code IT.

2. Use code TE to indicate the commercial telephone number of the named party.

AU	Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
EM	Electronic Mail
FX	Facsimile
IT	International Telephone
TE	Telephone

PER04	**364**	**Communication Number**	**X**	**AN 1/80**

Complete communications number including country or area code when applicable

PER05	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**

Code identifying the type of communication number

1. Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a commercial telephone number, PER05/06 can be used to cite an Electronic Mail address.

2. Include the country code.

3. Do not use code EX unless there is one iteration of PER03/04 using either code AU or code TE.

4. Use code TE to indicate the commercial telephone number of the named party.

AU	Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
EM	Electronic Mail
EX	Telephone Extension
FX	Facsimile
IT	International Telephone
TE	Telephone

PER06	**364**	**Communication Number**	**X**	**AN 1/80**

Complete communications number including country or area code when applicable

Segment: **TD5** **Carrier Details (Routing Sequence/Transit Time)**

Position: 390

Loop: N1 Optional (Must Use)

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.

3 If TD507 is present, then TD508 is required.

4 If TD510 is present, then TD511 is required.

Semantic Notes:

Comments:

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

Notes: ***Use the 1/TD5/390 segment when the shipment is applicable to a named entity and is the same for all the items that will be shipped to that named entity. When the shipment methods for the named entity vary by line item, use the 2/TD5/420 segment.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Not Used	**TD501**	**133**	**Routing Sequence Code** Code describing the relationship of a carrier to a specific shipment movement	**O**	**ID 1/2**
	TD502	**66**	**Identification Code Qualifier** Code designating the system/method of code structure used for Identification Code (67) ***When TD504 is code PL, use code 10 to indicate the number in TD503 is the DoDAAC of the pipeline.*** 10 Department of Defense Activity Address Code (DODAAC)	**X**	**ID 1/2**
	TD503	**67**	**Identification Code** Code identifying a party or other code	**X**	**AN 2/17**
	TD504	**91**	**Transportation Method/Type Code** Code specifying the method or type of transportation for the shipment ***1. Use any code.*** ***2. A conversion table may be required to convert agency codes to the codes used by ASC X12.*** ***3. When code D is used, it is to be read as the class of service provided by the United States Postal Service and not a private carrier.***	**X**	**ID 1/2**

			Refer to 003040 Data Element Dictionary for acceptable code values.		
Not Used	**TD505**	**387**	**Routing**	**X**	**AN 1/35**
			Free-form description of the routing or requested routing for shipment, 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 disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction		
Not Used	**TD507**	**309**	**Location Qualifier**	**O**	**ID 1/2**
			Code identifying type of location		
Not Used	**TD508**	**310**	**Location Identifier**	**X**	**AN 1/30**
			Code which identifies a specific location		
Not Used	**TD509**	**731**	**Transit Direction Code**	**O**	**ID 2/2**
			The point of origin and point of direction		
Not Used	**TD510**	**732**	**Transit Time Direction Qualifier**	**O**	**ID 2/2**
			Code specifying the value of time used to measure the transit time		
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

Usage: Mandatory

Max Use: 1

Purpose: To specify basic and most frequently used line item data

Syntax Notes:

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

Semantic Notes:

Comments:

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

Notes: ***Use the 2/PO1/010 loop to specify all information related to a CLIN, SUBCLIN or ELIN. Each iteration of the PO1 loop will identify all the information related to the CLIN, SUBCLIN or ELIN cited in PO101.***

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
PO101	**350**	**Assigned Identification** Alphanumeric characters assigned for differentiation within a transaction set ***Use to identify the CLIN, SUBCLIN or ELIN, if one is assigned.***	**O**	**AN 1/11**
PO102	**330**	**Quantity Ordered** Quantity ordered ***1. Use to identify the quantity of the item being solicited.*** ***2. Do not use this data element when quantities are specified at the SUBCLIN level.***	**X**	**R 1/9**
PO103	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	**O**	**ID 2/2**

1. Use any code.

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

Refer to 003040 Data Element Dictionary for acceptable code 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**

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 PO101. 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 Qualifier**	**O**	**ID 2/2**

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

Listed codes are preferred.

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.

20. Use code ZB to indicate 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
	Item identifier describes an end-item associated with the use of the required material
F8	Next Higher Used Assembly
	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
	5-digit manufacturer ID, 4-digit product ID, 2-digit trade package size
ND	National Drug Code (NDC)
PD	Part Number Description
PU	Part Reference Number
	Often on a part or subassembly drawing there is a reference number shown that is not a part number but may refer to a set of notes for use in fabrication, assembly, or in repairing the item; it may refer to a physical location within the product, such as

	location of a particular part on a truck engine, or to a reference to a circuit location on an electronic assembly
RC	Returnable Container No.
SH	Service Requested
	A numeric or alphanumeric code from a list of services available to the customer
SN	Serial Number
SW	Stock Number
SZ	Vendor Alphanumeric Size Code (NRMA)
UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)
	A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit
VP	Vendor's (Seller's) Part Number
ZB	Commercial and Government Entity (CAGE) Code
	A code that identifies a commercial contrator authorized to do business with the U.S. government

PO107	**234**	**Product/Service ID**	**X**	**AN 1/30**
		Identifying number for a product or service		
PO108	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003040 Data Element Dictionary for acceptable code values.		
PO109	**234**	**Product/Service ID**	**X**	**AN 1/30**
		Identifying number for a product or service		
PO110	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003040 Data Element Dictionary for acceptable code values.		
PO111	**234**	**Product/Service ID**	**X**	**AN 1/30**
		Identifying number for a product or service		
PO112	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003040 Data Element Dictionary for acceptable code values.		
PO113	**234**	**Product/Service ID**	**X**	**AN 1/30**
		Identifying number for a product or service		
PO114	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

		Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003040 Data Element Dictionary for acceptable code values.		
PO115	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**AN 1/30**
PO116	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003040 Data Element Dictionary for acceptable code values.	**O**	**ID 2/2**
PO117	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**AN 1/30**
PO118	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003040 Data Element Dictionary for acceptable code values.	**O**	**ID 2/2**
PO119	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**AN 1/30**
PO120	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003040 Data Element Dictionary for acceptable code values.	**O**	**ID 2/2**
PO121	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**AN 1/30**
PO122	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003040 Data Element Dictionary for acceptable code values.	**O**	**ID 2/2**
PO123	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**AN 1/30**
PO124	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003040 Data Element Dictionary for acceptable code values.	**O**	**ID 2/2**
PO125	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**AN 1/30**

Segment: **PO3** **Additional Item Detail**

Position: 030

Loop: PO1 Mandatory

Level: Detail

Usage: Optional

Max Use: 25

Purpose: To specify additional item-related data involving variations in normal price/quantity structure

Syntax Notes:
1 If PO304 is present, then at least one of PO303 or PO305 is required.

Semantic Notes:

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

Notes: ***Use to identify additional information relative to the item indicated in PO101.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**PO301**	**371**	**Change Reason Code** Code specifying the reason for price or quantity change ***1. Use code AQ to indicate that an item has an alternate quantity and unit of measurement with both being applicable to the solicited item. For example, the requirement might be for 10 sheets of steel of a certain dimension. Another way of describing the item could be in terms of its weight, such as 10,000 pounds of steel. This issue is related to the difference in order and billing units of measurement.*** ***2. Use code EV to indicate the estimated quantity for a requirements or indefinite quantity instrument.*** AQ Alternate Quantity and Unit of Measure EV Estimated Quantity	**M**	**ID 2/2**
Not Used	**PO302**	**373**	**Date** Date (YYMMDD)	**O**	**DT 6/6**
Not Used	**PO303**	**236**	**Price Identifier Code** Code identifying pricing specification	**X**	**ID 3/3**
Not Used	**PO304**	**212**	**Unit Price** Price per unit of product, service, commodity, etc.	**O**	**R 1/14**
Not Used	**PO305**	**639**	**Basis of Unit Price Code** Code identifying the type of unit price for an item	**X**	**ID 2/2**
Must Use	**PO306**	**380**	**Quantity** Numeric value of quantity	**M**	**R 1/15**
Must Use	**PO307**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner	**M**	**ID 2/2**

			in which a measurement has been taken ***A conversion table may be required to convert agency codes to codes used by ASC X12.*** Refer to 003040 Data Element Dictionary for acceptable code values.		
Not Used	**PO308**	**352**	**Description** A free-form description to clarify the related data elements and their content	**O**	**AN 1/80**

Segment: **CTP** **Pricing Information**

Position: 040

Loop: PO1 Mandatory

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify pricing information

Syntax Notes:
1 If CTP04 is present, then CTP05 is required.
2 If CTP06 is present, then CTP07 is required.
3 If CTP09 is present, then CTP02 is required.

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

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

Notes:

1. This segment will eventually be used to signal to prospective quoting parties that a variety of prices are being solicited, e.g., step-ladder pricing (prices based on a solicited range of quantities), zone prices (prices based on deliveries to various geographic locations), prices based on different packaging requirements for the same item, or labor rates for categories of labor that a quoting party may offer for a time and materials or labor hours type instrument. It can be used to request the vendor to specify quantities at which price breaks are offered, or to indicate a catalog price along with an offered price is required.

2. If step-ladder price quantities are required from the bidder, the need must be conveyed in text in the MSG segment in the N9 loop using code KT in N901. The quoting party will be able to respond with the step-ladder prices for any given line or subline item number because the CTP segment is available for up to 25 iterations in the 843 transaction.

3. A request has been sent to ASC X12 asking that the maximum use of this segment be increased from 1 to greater than 1. If approved, this will facilitate soliciting the various prices identified in note 1. We expect the requested increase in this segment will be available for use in ASC X12 Version/Release 3050.

4. A request has been submitted to ASC X12 asking for the addition of data element 499 Condition Code as an optional data element as CTP10. This data element would be used to identify the packaging level, protection level or delivery zone, when CTP02 cites a related code.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Not Used	**CTP01**	**687**	**Class of Trade Code** Code indicating class of trade	**O**	**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 required to submit in the quote.

2. Data maintenance has been submitted to ASC X12 asking for the addition of codes for: Hourly labor rates for categories of labor, prices for different packaging protection levels and different packing levels. If approved, these codes will be available for use in ASC X12 Version/Release 3050.

3. Use code ALT to indicate a lease-to-purchase price. Data maintenance has been submitted to ASC X12.

4. Use code CAT to indicate that the quoting party, in addition to the quoted price, is to provide a catalog price for the item cited in PO1.

5. Use code GOV to indicate the sale price to the government.

6. Use code PAQ to indicate that quoting party is to provide a replacement price for an item if it is less costly than to repair the item.

7. Use code PUR to indicate the quoting party price for an item if it is less costly than to repair the item.

8. Use code SPC to indicate a lease price. Data maintenance has been submitted to ASC X12.

ALT	Alternate Price
CAT	Catalog Price
GOV	Government Price
PAQ	Price Break Quantity(s)
PUR	Purchase
SPC	Special Price

Not Used	**CTP03**	**212**	**Unit Price**	**O**	**R 1/14**

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

	CTP04	**380**	**Quantity**	**O**	**R 1/15**

Numeric value of quantity

	CTP05	**355**	**Unit or Basis for Measurement Code**	**X**	**ID 2/2**

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

Use any code. A conversion table may be required to convert agency codes to the codes used by ASC X12.

Refer to 003040 Data Element Dictionary for acceptable code values.

Not Used	**CTP06**	**648**	**Price Multiplier Qualifier**	**O**	**ID 3/3**

			Code indicating the type of price multiplier		
Not Used	**CTP07**	**649**	**Multiplier**	**X**	**R 1/10**
			Value to be used as a multiplier to obtain a new value		
Not Used	**CTP08**	**782**	**Monetary Amount**	**O**	**R 1/15**
			Monetary amount		
Not Used	**CTP09**	**639**	**Basis of Unit Price Code**	**O**	**ID 2/2**
			Code identifying the type of unit price for an item		

Segment: **MEA** **Measurements**

Position: 049

Loop: PO1 Mandatory

Level: Detail

Usage: Optional

Max Use: 40

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

Syntax Notes:
1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.
2 If 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 2/MEA/049 segment when measurements vary by line item. When measurements apply to all the line items, use the 1/MEA/200 segment.

2. Use to identify any measurements applicable to a specific line item including: the maximum size standard for the SIC code applicable to the line item, the length of a warranty required to be provided by the bidder, the variations in quantity permitted for the line item, and the minimum/maximum quantity per order for a specified line item under an indefinite type of instrument.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
MEA01	**737**	**Measurement Reference ID Code** Code identifying the broad category to which a measurement applies ***1. Use any code.*** ***2. Listed codes are preferred and shall be used for the purpose described in their accompanying notes.*** ***3. When REF01 is code IJ, use code CS to indicate the size standard for the specified SIC code.*** ***4. Use code CT to indicate variation in quantity when expressed as a discrete quantity. Use MEA05/06 to indicate the quantity over and under.*** ***5. Use code DE to indicate a warranty period.***	**O ID 2/2**

6. Use code PM to indicate that measurement values are applicable to the minimum and maximum quantity or dollar value permitted per order against an indefinite instrument. Use MEA05/06 to indicate the minimum and maximum.

Refer to 003040 Data Element Dictionary for acceptable code values.

	MEA02	**738**	**Measurement Qualifier**	**O**	**ID 1/3**
			Code identifying a specific product or process characteristic to which a measurement applies		

1. Use any code. Listed codes are to be used in accordance with their accompanying notes.

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 quantity permitted for the line items. Use MEA05/06 to indicate the percent over and under.

4. Use code TT to indicate the length of a warranty period. Specify the length of time in MEA03 and the time period in MEA04-1.

Refer to 003040 Data Element Dictionary for acceptable code values.

	MEA03	**739**	**Measurement Value**	**X**	**R 1/10**
			The value of the measurement		
	MEA04	**C001**	**Composite Unit of Measure**	**X**	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		

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

Must Use	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		

1. Use any code. Listed codes are required for the purpose indicated in their accompanying notes.

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

3. Use code IE to indicate the SIC size standard in terms of numbers of employees.

4. Use code R5 to indicate the SIC size standard in terms of dollar amount of sales.

Refer to 003040 Data Element Dictionary for acceptable code values.

Not Used	**C00102**	**1018**	**Exponent**	**O**	**R 1/15**
			Power to which a unit is raised		

Not Used	**C00103**	**649**	**Multiplier** Value to be used as a multiplier to obtain a new value	**O**	**R 1/10**
Not Used	**C00104**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	**O**	**ID 2/2**
Not Used	**C00105**	**1018**	**Exponent** Power to which a unit is raised	**O**	**R 1/15**
Not Used	**C00106**	**649**	**Multiplier** Value to be used as a multiplier to obtain a new value	**O**	**R 1/10**
Not Used	**C00107**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	**O**	**ID 2/2**
Not Used	**C00108**	**1018**	**Exponent** Power to which a unit is raised	**O**	**R 1/15**
Not Used	**C00109**	**649**	**Multiplier** Value to be used as a multiplier to obtain a new value	**O**	**R 1/10**
Not Used	**C00110**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	**O**	**ID 2/2**
Not Used	**C00111**	**1018**	**Exponent** Power to which a unit is raised	**O**	**R 1/15**
Not Used	**C00112**	**649**	**Multiplier** Value to be used as a multiplier to obtain a new value	**O**	**R 1/10**
Not Used	**C00113**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	**O**	**ID 2/2**
Not Used	**C00114**	**1018**	**Exponent** Power to which a unit is raised	**O**	**R 1/15**
Not Used	**C00115**	**649**	**Multiplier** Value to be used as a multiplier to obtain a new value	**O**	**R 1/10**
	MEA05	**740**	**Range Minimum** The value specifying the minimum of the measurement range ***1. When MEA01 is code CT or MEA02 is code PO, use to identify the variation under.*** ***2. When MEA01 is code PM, use to identify the minimum quantity or dollar value of each order that can be placed against an indefinite delivery instrument.***	**X**	**R 1/10**
	MEA06	**741**	**Range Maximum** The value specifying the maximum of the measurement range ***1. When MEA01 is code CT or MEA02 is code PO, use to identify the***	**X**	**R 1/10**

			variation over. ***2. When MEA01 is code PM, use to identify the maximum quantity or dollar value of each order that can be placed against an indefinite instrument.***		
Not Used	**MEA07**	**935**	**Measurement Significance Code** Code used to benchmark, qualify or further define a measurement value	**O**	**ID 2/2**
Not Used	**MEA08**	**936**	**Measurement Attribute Code** Code used to express an attribute response when a numeric measurement value cannot be determined	**X**	**ID 2/2**
Not Used	**MEA09**	**752**	**Surface/Layer/Position Code** Code indicating the product surface, layer or position that is being described	**O**	**ID 2/2**
Not Used	**MEA10**	**1373**	**Measurement Method or Device** The method or device used to record the measurement	**O**	**ID 2/4**

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

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

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

Notes: ***Use is discouraged. Use the 2/PID/050 segment when the information applies to a specific line item. Use the 1/PID/190 segment when the information applies to all the line items.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**PID01**	**349**	**Item Description Type** Code indicating the format of a description F Free-form	**M**	**ID 1/1**
Not Used	**PID02**	**750**	**Product/Process Characteristic Code** Code identifying the general class of a product or process characteristic	**O**	**ID 2/3**
Not Used	**PID03**	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values	**X**	**ID 2/2**
Not Used	**PID04**	**751**	**Product Description Code** A code from an industry code list which provides specific data about a product characteristic	**X**	**AN 1/12**
Must Use	**PID05**	**352**	**Description** A free-form description to clarify the related data elements and their content ***Use, if necessary, to identify a brief description of the line item being solicited.***	**X**	**AN 1/80**
Not Used	**PID06**	**752**	**Surface/Layer/Position Code**	**O**	**ID 2/2**

			Code indicating the product surface, layer or position that is being described		
Not Used	**PID07**	**822**	**Source Subqualifier**	**O**	**AN 1/15**
			A reference that indicates the table or text maintained by the Source Qualifier		
Not Used	**PID08**	**1073**	**Yes/No Condition or Response Code**	**O**	**ID 1/1**
			Code indicating a Yes or No condition or response		

Segment: **PWK** **Paperwork**

Position: 070

Loop: PO1 Mandatory

Level: Detail

Usage: Optional

Max Use: 25

Purpose: To identify the type and transmission of paperwork or supporting information

Syntax Notes:
1 If either PWK05 or PWK06 is present, then the other is required.

Semantic Notes:

Comments:
1 PWK05 and PWK06 may be used to identify the addressee by a code number.
2 PWK07 may be used to indicate special information to be shown on the specified report.
3 PWK08 may be used to indicate action pertaining to a report.

Notes:
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 Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**PWK01**	**755**	**Report Type Code** Code indicating the title or contents of a document, report or supporting item ***A request has been submitted to ASC X12 to add codes for: Certified Cost and Price Data, Wage Determination, Union Agreement, and Attachment. We expect these codes to be available for use in ASC X12 Version/Release 3050.*** ***1. Use code 25 to indicate that a make or buy plan is required.*** ***2. Use code 35 to indicate that a subcontracting plan is required.*** ***3. Use code C1 to indicate that cost and price data is required.*** ***4. Use code CP to indicate a Certificate of Conformance.*** ***5. Use code KA to indicate that additional information will be provided relative to a CDRL being transmitted in this solicitation.***	**M ID 2/2**

6. Use code SD to indicate that supporting technical documentation, statement of work or other information is either being provided by the soliciting party or required of the selling party in the quote.

25	Purchase Plan
35	Subcontractor Plan
C1	Cost Data Summary
CP	Certificate of Compliance (Material Certification)
CX	Cost/Schedule Status Report (C/SSR)
	Contract status report showing budget, performance, actual, cost variance, schedule variance, budget at complete, estimate at complete, and variance 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 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 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 Transmission Code O ID 2/2

Code defining timing, transmission method or format by which reports are

to be sent

While any listed code may be used, code EL is preferred when the indicated paperwork can be provided electronically using one of the transaction sets specifically designed for the purpose.

BM	By Mail
EL	Electronically Only
FX	By Fax
WS	With Shipment (With Package)

	PWK03	**757**	**Report Copies Needed**	**O**	**N0 1/2**
			The number of copies of a report that should be sent to the addressee		
	PWK04	**98**	**Entity Identifier Code**	**O**	**ID 2/2**
			Code identifying an organizational entity, a physical location, or an individual		
			Use any code. Use, as applicable, to identify a party relevant to the cited paperwork.		
			Refer to 003040 Data Element Dictionary for acceptable code values.		
	PWK05	**66**	**Identification Code Qualifier**	**X**	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			Use any code.		
			Refer to 003040 Data Element Dictionary for acceptable code values.		
	PWK06	**67**	**Identification Code**	**X**	**AN 2/17**
			Code identifying a party or other code		
	PWK07	**352**	**Description**	**O**	**AN 1/80**
			A free-form description to clarify the related data elements and their content		
			Use only if necessary to identify additional information or instructions related to a specific paperwork item. Use is discouraged.		
	PWK08	**C002**	**Actions Indicated**	**O**	
			Actions to be performed on the piece of paperwork identified		
Must Use	**C00201**	**704**	**Paperwork/Report Action Code**	**M**	**ID 1/2**
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required		
			1. Use code 2 to indicate the specific paperwork will be required under the resulting contract or order.		
			2. Use code 3 to indicate the specified paperwork will be provided. Data maintenance has been submitted to ASC X12. If approved, the code will be available for use in ASC X12 Version/Release 3050. In the meantime, use this code.		
			3. Use code 5 to indicate the specified paperwork must be provided in		

			the response to this solicitation.		
			2 Report to be Filed		
			3 Complete		
			Use the information provided, add additional required data, distribute as indicated		
			5 Generate		
Not Used	**C00202**	**704**	**Paperwork/Report Action Code**	**O**	**ID 1/2**
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required		
Not Used	**C00203**	**704**	**Paperwork/Report Action Code**	**O**	**ID 1/2**
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required		
Not Used	**C00204**	**704**	**Paperwork/Report Action Code**	**O**	**ID 1/2**
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required		
Not Used	**C00205**	**704**	**Paperwork/Report Action Code**	**O**	**ID 1/2**
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required		

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.
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 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 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.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
PKG01	**349**	**Item Description Type** Code indicating the format of a description ***Use code F only when the packaging information is identified as free -form text.*** F Free-form	**X**	**ID 1/1**
PKG02	**753**	**Packaging Characteristic Code** Code specifying the marking, packaging, loading and related characteristics being described ***1. A request has been submitted to ASC X12 to add MIL-STD 2073-2C packaging characteristic code, e.g., CD - Cleaning/Drying Procedures, CT - Cushioning Thickness, etc. We expect those codes to be available***	**O**	**ID 1/5**

			for use in ASC X12 Version/Release 3050. In the meantime, use code 65 when providing the MIL-STD 2073-2C code strings in PKD05. ***2. Use code 65 to indicate MIL-STD 2073-2C packaging codes. Cite the code string in PKG05.***		
			65 Core Characteristics		
	PKG03	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values	**X**	**ID 2/2**
			Use to indicate an activity other than DoD or GSA. Data maintenance has been submitted to ASC X12. If approved, a code for Federal Government will be available in ASC X12 Version/Release 3060.		
			ZZ Mutually Defined		
Not Used	**PKG04**	**754**	**Packaging Description Code** A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product	**X**	**AN 1/7**
	PKG05	**352**	**Description** A free-form description to clarify the related data elements and their content	**X**	**AN 1/80**
			Use to identify a string of MIL-STD 2073-2C packaging codes or to identify packaging information in free-form text. The MIL-STD 2073 -2C code string uses a positional and sequential system. Coded data must appear in the sequence and number of positions specified in Appendix F of MIL-STD 2073-1. Zeros shall be inserted in the code string for data that is not being provided. A comma (,) will be used as a delimiter between data in the code string. Use of this data element is discouraged if other methods of transmitting the data exist within this transaction set.		
Not Used	**PKG06**	**400**	**Unit Load Option Code** Code identifying loading or unloading a shipment	**X**	**ID 2/2**

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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Not Used	**PO401**	**356**	**Pack** Number of inner pack units per outer pack unit	**O**	**N0 1/6**
Not Used	**PO402**	**357**	**Size** Size of supplier units in pack	**O**	**R 1/8**
Not Used	**PO403**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	**X**	**ID 2/2**

	PO404	**103**	**Packaging Code**	**O**	**AN 5/5**
			Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material		
			1. Use code PKG to indicate an intermediate container. A request has been submitted to ASC X12 to add a code for Intermediate container. If approved, this code will be available in ASC X12 Version/Release 3050. In the meantime, use this code.		
			2. Use code UNT to indicate a unit container.		
			3. Use part 2 code 04 in conjunction with part 1 codes PKG and UNT to comply with the X12 min/max attributes of this data element. Part 2 code 04 should not be processed by the receiving application.		
			PKG — Package		
			UNT — Unit		
			04 — As Specified by the DOT		
Not Used	**PO405**	**187**	**Weight Qualifier**	**O**	**ID 1/2**
			Code defining the type of weight		
Not Used	**PO406**	**384**	**Gross Weight per Pack**	**X**	**R 1/9**
			Numeric value of gross weight per pack		
Not Used	**PO407**	**355**	**Unit or Basis for Measurement Code**	**X**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	**PO408**	**385**	**Gross Volume per Pack**	**X**	**R 1/9**
			Numeric value of gross volume per pack		
Not Used	**PO409**	**355**	**Unit or Basis for Measurement Code**	**X**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
	PO410	**82**	**Length**	**O**	**R 1/8**
			Largest horizontal dimension of an object measured when the object is in the upright position		
	PO411	**189**	**Width**	**O**	**R 1/8**
			Shorter measurement of the two horizontal dimensions measured with the object in the upright position		
	PO412	**65**	**Height**	**O**	**R 1/8**
			Vertical dimension of an object measured when the object is in the upright position		
			Use to identify the depth of a container.		
	PO413	**355**	**Unit or Basis for Measurement Code**	**X**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			1. Use any code.		

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

Refer to 003040 Data Element Dictionary for acceptable code values.

Segment: **REF** **Reference Numbers**

Position: 100

Loop: PO1 Mandatory

Level: Detail

Usage: Optional

Max Use: 12

Purpose: To specify identifying numbers.

Syntax Notes: **1** At least one of REF02 or REF03 is required.

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.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**REF01**	**128**	**Reference Number Qualifier** Code qualifying the Reference Number. ***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 (SOW) number or a number within a statement of work where additional information can be found. If the SOW is a part of the solicitation, the PWK segment can be used to indicate how it is being transmitted to the quoting party if not otherwise included in the solicitation. If it is included in the solicitation, use the following MSG segment, if applicable.*** ***3. Use code EV to indicate the office or other symbol of the requiring office responsible for ensuring the adequacy of the technical data.*** ***4. Use code IJ to indicate the Standard Industrial Classification (SIC) Code of the cited line item.*** ***5. Use code IL to indicate the requisition number (e.g., the MILSTRIP/FEDSTRIP document number).*** ***6. Use code K0 to indicate the approval code on a CDRL. Codes associated with code K0 are found in code source 329.*** ***7. Use code K4, if applicable, to indicate the surveillance criticality designator that will be applicable to the line item.*** ***8. Use code K7 to indicate a particular paragraph or section in a solicitation that contains information relative to the line item.***	**M ID 2/2**

9. Use code KC to indicate an exhibit distribution list to which data items on the CDRL are to be delivered.

10. Use code KK to indicate a Ship-To address list.

11. Use code KV to qualify a cited CDRL distribution list.

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 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
	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
2E	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
	Identifies an item with a two-digit group number, two-digit part number, and one-character section letter
XE	Transportation Priority Number
	Number indicating the level of government priority associated with the transportation of a shipment
ZF	Contractor Establishment Code (CEC)
	Goverment identifier to designate a contractor; it is

		nine characters, eight numeric and a final alpha		
		ZZ Mutually Defined		
REF02	**127**	**Reference Number**	**X**	**AN 1/30**
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
		If a reference number has an associated revision number, suffix, or extension, concatenate the reference number and the revision/suffix/extension number and carry the resultant number in this data element.		
REF03	**352**	**Description**	**X**	**AN 1/80**
		A free-form description to clarify the related data elements and their content		
		Use to identify additional information related to the cited reference number. Use is discouraged.		

Segment: **PER** **Administrative Communications Contact**

Position: 110

Loop: PO1 Mandatory

Level: Detail

Usage: Optional

Max Use: 3

Purpose: To identify a person or office to whom administrative communications should be directed

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

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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**PER01**	**366**	**Contact Function Code** Code identifying the major duty or responsibility of the person or group named ***1. Use code AU to indicate the party approving the contract data requirements list.*** ***2. Use code PI to indicate the preparer of the contract data requirements list.*** AU Report Authorizer PI Preparer A firm, organization, or individual who determines the tax liability from information supplied by the taxpayer	**M**	**ID 2/2**
	PER02	**93**	**Name** Free-form name ***Cite the last name first, followed by the first name. Do not truncate the last name if whole name is longer than 35 characters. Instead, truncate the first name or use the initial of the first name.***	**O**	**AN 1/35**
	PER03	**365**	**Communication Number Qualifier** Code identifying the type of communication number	**X**	**ID 2/2**

1. Include the country code with code IT.

2. Use code TE to indicate the commercial telephone number of the named party.

AU	Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
EM	Electronic Mail
FX	Facsimile
IT	International Telephone
TE	Telephone

PER04 364 Communication Number X AN 1/80

Complete communications number including country or area code when applicable

PER05 365 Communication Number Qualifier X ID 2/2

Code identifying the type of communication number

Use to identify a second communications network for the party cited in PER02. For example, if PER03/04 cites a commercial telephone number, PER05/06 can be used to cite an Electronic Mail address.

1. Do not use code EX unless there is one iteration of PER03/04 using either code AU or code TE.

2. Include the country code with code IT.

3. Use code TE to indicate the commercial telephone number of the named party.

AU	Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
EM	Electronic Mail
EX	Telephone Extension
FX	Facsimile
IT	International Telephone
TE	Telephone

PER06 364 Communication Number X AN 1/80

Complete communications number including country or area code when applicable

Segment: **SAC** **Service, Promotion, Allowance, or Charge Information**

Position: 130

Loop: PO1 Mandatory

Level: Detail

Usage: Optional

Max Use: 25

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Syntax Notes:

1 At least one of SAC02 or SAC03 is required.

2 If either SAC03 or SAC04 is present, then the other is required.

3 If either SAC06 or SAC07 is present, then the other is required.

4 If either SAC09 or SAC10 is present, then the other is required.

5 If SAC11 is present, then SAC10 is required.

6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.

7 If SAC14 is present, then SAC13 is required.

Semantic Notes:

1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.

2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.

3 SAC10 alone is used to indicate a specific quantity which could be a dollar amount, that is applicable to service, promotion, allowance or charge. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.

4 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.

5 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

Comments:

1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.

2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Notes: ***Use this 2/SAC/130 segment to identify services that vary by line item. If the requested services are applicable to all of the line items, use the 1/SAC/120 segment.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**SAC01**	**248**	**Allowance or Charge Indicator** Code which indicates an allowance or charge for the service specified ***1. Use code C to indicate an actual charge, when used, enter the dollar amount of the charge in SAC05.*** ***2. Use code R to comply with the mandatory nature of this data element***	**M ID 1/1**

			when transmitting only a service, promotion, allowance, or charge code in SAC02. When used in that manner, enter the value "0" in SAC05 to comply with semantic note governing the use of that data element.		
			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		
			Use any code.		
			Refer to 003040 Data Element Dictionary for acceptable code values.		
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**	**X**	**AN 1/10**
			Agency maintained code identifying the service, promotion, allowance, or charge		
	SAC05	**610**	**Amount**	**O**	**N2 1/15**
			Monetary amount		
Not Used	**SAC06**	**378**	**Allowance/ Charge Percent Qualifier**	**X**	**ID 1/1**
			Code indicating on what basis allowance or charge percent is calculated		
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**	**O**	**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 expressed, or manner in which a measurement has been taken		
Not Used	**SAC10**	**339**	**Allowance or Charge Quantity**	**X**	**R 1/10**
			Quantity basis when allowance or charge quantity is different from the purchase order or invoice quantity		
Not Used	**SAC11**	**339**	**Allowance or Charge Quantity**	**O**	**R 1/10**
			Quantity basis when allowance or charge quantity is different from the purchase order or invoice quantity		
Not Used	**SAC12**	**331**	**Allowance or Charge Method of Handling Code**	**O**	**ID 2/2**
			Code indicating method of handling for an allowance or charge		
Not Used	**SAC13**	**127**	**Reference Number**	**X**	**AN 1/30**
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
Not Used	**SAC14**	**770**	**Option Number**	**O**	**AN 1/20**
			A unique number identifying available promotion or allowance options when more than one is offered		
Not Used	**SAC15**	**352**	**Description**	**O**	**AN 1/80**

A free-form description to clarify the related data elements and their 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. Des.	Data Element	Name	Attributes
IT801	**563**	**Sales Requirement Code** Code to identify a specific requirement or agreement of sale ***Data maintenance has been sent to ASC X12 asking for the addition of codes for: Restricted to Historically Black Colleges and Universities or Minority Institutions, Restricted to Educational Institutions, Restricted to Industrial Preparedness Program Participants, Restricted to Qualified Bidders List, Restricted to Qualified Manufacturers List, Restricted to Qualified Products List (QPL) Products, Restricted to U.S. and Canadian Sources, Other Unlisted Sales Condition, Unrestricted Procurement, and Restricted to Young Investigator Program. If approved, those codes will be available for use in ASC X12 Version/Release 3050.***	**X ID 1/2**

1. Use code SC to indicate that partial shipments will not be accepted.

2. Use code SV to indicate that the cited line item is to be shipped in place.

3. Use code Z to indicate a warranty is required.

IS	Substitute Item Allowed
P2	Ship As Soon As Possible
P4	Do Not Preship
SC	Ship Complete
SV	Ship Per Release
Z	Mutually Defined

Not Used	**IT802**	**564**	**Do-Not-Exceed Action Code**	**X**	**ID 1/1**
			Code indicating the action to be taken if the order amount exceeds the value of Do-Not-Exceed Amount (565)		
Not Used	**IT803**	**565**	**Do-Not-Exceed Amount**	**X**	**N2 2/9**
			Maximum monetary amount value which the order must not exceed.		
Not Used	**IT804**	**508**	**Account Number**	**O**	**AN 1/35**
			Account number assigned		
Not Used	**IT805**	**596**	**Required Invoice Date**	**X**	**DT 6/6**
			Date specified by the sender to be shown on the invoice.		
Not Used	**IT806**	**559**	**Agency Qualifier Code**	**O**	**ID 2/2**
			Code identifying the agency assigning the code values		
	IT807	**566**	**Product/Service 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 IS, to identify any conditions applicable to offering a substitute product.

2. Use code B0 only when IT801 does not cite code IS.

3. Use code X to indicate when an "or equal" product is being solicited.

A	No Quantity or Unit of Measure Change Allowed
B0	No Substitution Allowed
X	Equivalent Item Substitution
Y	Alternate Item Substitution Allowed

Not Used	**IT808**	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	**IT809**	**234**	**Product/Service ID**	**X**	**AN 1/30**
			Identifying number for a product or service		
Not Used	**IT810**	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	**IT811**	**234**	**Product/Service ID**	**X**	**AN 1/30**
			Identifying number for a product or service		
Not Used	**IT812**	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in 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**	**O**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	**IT815**	**234**	**Product/Service ID**	**X**	**AN 1/30**
			Identifying number for a product or service		
Not Used	**IT816**	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	**IT817**	**234**	**Product/Service ID**	**X**	**AN 1/30**
			Identifying number for a product or service		
Not Used	**IT818**	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
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**	**O**	**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**	**X**	**AN 1/30**
			Identifying number for a product or service		
Not Used	**IT822**	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**
			Code identifying the type/source of the descriptive number 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**	**O**	**ID 2/2**
			Code identifying the type/source of the descriptive number 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**	**O**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		

Not Used	**IT827**	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**AN 1/30**

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

Position: 180

Loop: PO1 Mandatory

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify transportation instructions relating to shipment

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

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

Comments:

Notes:
1. Use the 2/FOB/180 segment to identify the FOB point and acceptance location when they vary for a specific line item. If the FOB point and acceptance location apply to all of the line items, use the 1/FOB/080 segment.

2. This segment is not necessary when the item being solicited is a service.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**FOB01**	**146**	**Shipment Method of Payment** Code identifying payment terms for transportation charges ***1. Use code BP to indicate when the FOB point is origin (or source).*** ***2. Use code PE when shipping costs are authorized to be prepaid and added to an invoice.*** ***3. Use code PP to indicate when the FOB point is destination.*** BP Paid by Buyer The buyer agrees to the transportation payment term requiring the buyer to pay transportation charges to a specified location (origin or destination location) PE Prepaid and Summary Bill PP Prepaid (by Seller)	**M ID 2/2**
	FOB02	**309**	**Location Qualifier** Code identifying type of location ***Use to identify the FOB point.***	**X ID 1/2**

1. Use code IT to indicate a Freight Forwarder.

2. Use code ZZ to indicate that the FOB point is neither origin nor destination. When used, cite the actual FOB point in FOB03. If the actual FOB point is an address or geographical location, use in conjunction with one iteration of the appropriate N1 loop, using code KX in N101.

DE	Destination (Shipping)
FV	Free Alongside Vessel (Free On Board [F.O.B.] Point)
IT	Intermediate FOB Point A location indicating the point of destination is not the origin or final destination but rather at some other point
OR	Origin (Shipping Point)
ZZ	Mutually Defined

	FOB03	**352**	**Description** A free-form description to clarify the related data elements and their content	**O**	**AN 1/80**

Use to identify the FOB point only when FOB02 is code ZZ. If necessary, use one iteration of the N1 loop, using code KX in N101, to specify the address of the FOB point. Use of this data element is discouraged.

Not Used	**FOB04**	**334**	**Transportation Terms Qualifier Code** Code identifying the source of the transportation terms	**O**	**ID 2/2**
Not Used	**FOB05**	**335**	**Transportation Terms Code** Code identifying the trade terms which apply to the shipment transportation responsibility	**X**	**ID 3/3**
	FOB06	**309**	**Location Qualifier** Code identifying type of location	**X**	**ID 1/2**

1. Use to identify the acceptance point.

2. Use code ZZ to identify that the acceptance point is neither at origin nor at destination. When used, cite the actual acceptance point in FOB07. If the actual FOB point is an address or geographical location, use in conjunction with one iteration of the N1 loop, using code ZZ in N101.

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

	FOB07	**352**	**Description** A free-form description to clarify the related data elements and their content	**O**	**AN 1/80**

Use to identify the acceptance point when FOB06 is code ZZ. If

			necessary, use one iteration of the 1/N1/310 loop, using code ZZ in N101, to identify the address of the acceptance point. Use of this data element is discouraged.		
Not Used	**FOB08**	**54**	**Risk of Loss Qualifier** Code specifying where responsibility for risk of loss passes	**O**	**ID 2/2**
Not Used	**FOB09**	**352**	**Description** A free-form description to clarify the related data elements and their content	**X**	**AN 1/80**

Segment: **SDQ** **Destination Quantity**

Position: 190

Loop: PO1 Mandatory

Level: Detail

Usage: Optional

Max Use: 50

Purpose: To specify destination and quantity detail

Syntax Notes:
1 If SDQ05 is present, then SDQ06 is required.
2 If SDQ07 is present, then SDQ08 is required.
3 If SDQ09 is present, then SDQ10 is required.
4 If SDQ11 is present, then SDQ12 is required.
5 If SDQ13 is present, then SDQ14 is required.
6 If SDQ15 is present, then SDQ16 is required.
7 If SDQ17 is present, then SDQ18 is required.
8 If SDQ19 is present, then SDQ20 is required.
9 If SDQ21 is present, then SDQ22 is required.

Semantic Notes:
1 SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.

Comments:
1 SDQ02 is used only if different than previously defined in the transaction set.
2 SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.

Notes: ***Use the segment when known quantities of the line item are to be delivered to multiple locations on the same date, and the locations can be identified by a CAGE code, a DUNS number, a DoDAAC or civilian agency activity address code, or a MAPAC.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**SDQ01**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken ***1. Use any code.*** ***2. A conversion table may be required to convert agency codes to the codes used by ASC X12.*** Refer to 003040 Data Element Dictionary for acceptable code values.	**M**	**ID 2/2**
	SDQ02	**66**	**Identification Code Qualifier** Code designating the system/method of code structure used for Identification Code (67) ***1. Use of the DUNS or DUNS+4 number (code 1 or code 9) is preferred over any other coded number to identify a named party.*** ***2. Use code 10 to indicate either a Department of Defense or a Civilian Agency Activity Address Code.***	**O**	**ID 1/2**

3. Use code 33 to indicate vendors with CAGE codes.

4. Use code A2 to indicate a MAPAC address.

1	D-U-N-S Number, Dun & Bradstreet
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
10	Department of Defense Activity Address Code (DODAAC)
33	Commercial and Government Entity (CAGE)
A2	Military Assistance Program Address Code (MAPAC) Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity

Must Use	**SDQ03**	**67**	**Identification Code** Code identifying a party or other code	**M**	**AN 2/17**
Must Use	**SDQ04**	**380**	**Quantity** Numeric value of quantity	**M**	**R 1/15**
	SDQ05	**67**	**Identification Code** Code identifying a party or other code	**O**	**AN 2/17**
	SDQ06	**380**	**Quantity** Numeric value of quantity	**X**	**R 1/15**
	SDQ07	**67**	**Identification Code** Code identifying a party or other code	**O**	**AN 2/17**
	SDQ08	**380**	**Quantity** Numeric value of quantity	**X**	**R 1/15**
	SDQ09	**67**	**Identification Code** Code identifying a party or other code	**O**	**AN 2/17**
	SDQ10	**380**	**Quantity** Numeric value of quantity	**X**	**R 1/15**
	SDQ11	**67**	**Identification Code** Code identifying a party or other code	**O**	**AN 2/17**
	SDQ12	**380**	**Quantity** Numeric value of quantity	**X**	**R 1/15**
	SDQ13	**67**	**Identification Code** Code identifying a party or other code	**O**	**AN 2/17**
	SDQ14	**380**	**Quantity** Numeric value of quantity	**X**	**R 1/15**
	SDQ15	**67**	**Identification Code** Code identifying a party or other code	**O**	**AN 2/17**
	SDQ16	**380**	**Quantity**	**X**	**R 1/15**

		Numeric value of quantity		
SDQ17	**67**	**Identification Code**	**O**	**AN 2/17**
		Code identifying a party or other code		
SDQ18	**380**	**Quantity**	**X**	**R 1/15**
		Numeric value of quantity		
SDQ19	**67**	**Identification Code**	**O**	**AN 2/17**
		Code identifying a party or other code		
SDQ20	**380**	**Quantity**	**X**	**R 1/15**
		Numeric value of quantity		
SDQ21	**67**	**Identification Code**	**O**	**AN 2/17**
		Code identifying a party or other code		
SDQ22	**380**	**Quantity**	**X**	**R 1/15**
		Numeric value of quantity		
SDQ23	**310**	**Location Identifier**	**O**	**AN 1/30**
		Code which identifies a specific location		

Segment: **DTM** **Date/Time Reference**

Position: 200

Loop: PO1 Mandatory

Level: Detail

Usage: Optional

Max Use: 10

Purpose: To specify pertinent dates and times

Syntax Notes:
1 At least one of DTM02 DTM03 or DTM06 is required.
2 If either DTM06 or DTM07 is present, then the other is required.

Semantic Notes:

Comments:

Notes:

1. Use 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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**DTM01**	**374**	**Date/Time Qualifier** Code specifying type of date or time, or both date and time ***1. Use code 077 to specify the beginning date of the week.*** ***2. Use code 106 to indicate delivery is due exactly on the specified date. Use code 996 for due on or before a specified date.*** ***3. Use code 150 to indicate the performance commencement date for a line item that is soliciting a service.*** ***4. Use code 151 to indicate the performance completion date for a line item that is soliciting a service.*** ***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 Data Requirements List (CDRL).*** ***7. Use code 405 to specify the preparation date of a Contract Data Requirements List (CDRL).***	**M**	**ID 3/3**

8. Use code 600 to specify the "as of" date for the submission of data.

9. Use code 601 to specify the date of the first submission of a data item specified by Contract Data Requirements List (CDRL).

10. Use code 602 to specify the date(s) of a subsequent submission(s) of a data item specified by a Contract Data Requirements List (CDRL).

11. Use code 996 to indicate the required delivery date when delivery can be made on or before the specified date.

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
275	Approved
	Date report was approved by contractor representative
373	Order Start
374	Order End
	Point after which data can no longer be used (or becomes invalid for use)
405	Production
	Used to identify dates and times that operations or processes were performed
600	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**
		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)		

DTM04	**623**	**Time Code**	**O**	**ID 2/2**

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

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
PT	Pacific Time

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

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

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

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

Use only when the date or time cannot be expressed in YYMMDD or HHMM format. In that case, use any code and specify the date and/or time in DTM07.

Refer to 003040 Data Element Dictionary for acceptable code values.

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

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

When delivery is specified as a range of time for a given date, e.g., use code RTM in DTM06 to qualify a range of times for a delivery on March 30, 1994 between 1:00 PM and 4:00 PM local time. Use DTM01/02 to convey the March 30, 1994 date.

Segment: **SCH** **Line Item Schedule**
Position: 220
Loop: PO1 Mandatory
Level: Detail
Usage: Optional
Max Use: 104
Purpose: To specify the data for scheduling a specific line-item
Syntax Notes: **1** If SCH03 is present, then SCH04 is required.
2 If SCH09 is present, then SCH08 is required.
Semantic Notes: **1** SCH12 is the schedule identification.
Comments: **1** SCH05 specifies the interpretation to be used for SCH06 and SCH07.
Notes: ***Use the 2/SCH/220 segment to describe a partial delivery applicable to a line item, when it can be specified as an actual date.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**SCH01**	**380**	**Quantity** Numeric value of quantity	**M**	**R 1/15**
Must Use	**SCH02**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken ***1. Use any code.*** ***2. A conversion table may be required to convert agency codes to the codes used by ASC X12.*** Refer to 003040 Data Element Dictionary for acceptable code values.	**M**	**ID 2/2**
Not Used	**SCH03**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, or an individual	**O**	**ID 2/2**
Not Used	**SCH04**	**93**	**Name** Free-form name	**X**	**AN 1/35**
Must Use	**SCH05**	**374**	**Date/Time Qualifier** Code specifying type of date or time, or both date and time ***1. Use code 077 to specify the beginning date of the week.*** ***2. Use code 106 when the delivery is due exactly on the specified date. Use code 996 for due on or before a 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	**M**	**ID 3/3**

			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		
Must Use	**SCH06**	**373**	**Date**	**M**	**DT 6/6**
			Date (YYMMDD)		
Not Used	**SCH07**	**337**	**Time**	**O**	**TM 4/8**
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
	SCH08	**374**	**Date/Time Qualifier**	**X**	**ID 3/3**
			Code specifying type of date or time, or both date and time ***1. Use code 077 to specify the beginning date of the week.*** ***2. Use code 106 when the delivery is due exactly on the specified date. Use code 996 for due on or before a 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.*** 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 (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)		
	SCH11	**326**	**Request Reference Number**	**O**	**AN 1/45**
			Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)		
			Use, as applicable, to cross-reference the cited line item.		
Not Used	**SCH12**	**350**	**Assigned Identification**	**O**	**AN 1/11**
			Alphanumeric characters assigned for differentiation within a transaction set		

Segment: **TD5** **Carrier Details (Routing Sequence/Transit Time)**

Position: 250

Loop: PO1 Mandatory

Level: Detail

Usage: Optional

Max Use: 12

Purpose: To specify the carrier and sequence of routing and provide transit time information

Syntax Notes:

1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.

2 If TD502 is present, then TD503 is required.

3 If TD507 is present, then TD508 is required.

4 If TD510 is present, then TD511 is required.

Semantic Notes:

Comments:

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

Notes:

1. Use 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 and is dependent upon the citing of a named entity.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Not Used	**TD501**	**133**	**Routing Sequence Code** Code describing the relationship of a carrier to a specific shipment movement	**O**	**ID 1/2**
	TD502	**66**	**Identification Code Qualifier** Code designating the system/method of code structure used for Identification Code (67) ***When TD504 is code PL, use code 10 to indicate the number in TD503 is the DODAAC of the pipeline.*** 10 Department of Defense Activity Address Code (DODAAC)	**X**	**ID 1/2**
	TD503	**67**	**Identification Code** Code identifying a party or other code	**X**	**AN 2/17**
	TD504	**91**	**Transportation Method/Type Code** Code specifying the method or type of transportation for the shipment ***1. Use any code.*** ***2. A conversion table may be required to convert agency codes to codes used by ASC X12.***	**X**	**ID 1/2**

			3. When code D is used, it is to be read as the class of service provided by the United States Postal Service and not a private carrier.		
			Refer to 003040 Data Element Dictionary for acceptable code values.		
Not Used	**TD505**	**387**	**Routing**	**X**	**AN 1/35**
			Free-form description of the routing or requested routing for shipment, 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 disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction		
Not Used	**TD507**	**309**	**Location Qualifier**	**O**	**ID 1/2**
			Code identifying type of location		
Not Used	**TD508**	**310**	**Location Identifier**	**X**	**AN 1/30**
			Code which identifies a specific location		
Not Used	**TD509**	**731**	**Transit Direction Code**	**O**	**ID 2/2**
			The point of origin and point of direction		
Not Used	**TD510**	**732**	**Transit Time Direction Qualifier**	**O**	**ID 2/2**
			Code specifying the value of time used to measure the transit time		
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: **TD4** **Carrier Details (Special Handling or Hazardous Materials or Both)**

Position: 270

Loop: PO1 Mandatory

Level: Detail

Usage: Optional

Max Use: 5

Purpose: To specify transportation special handling requirements, or hazardous materials information, or both

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

Semantic Notes:

Comments:

Notes: ***Use the 2/TD4/270 segment to provide hazardous material information that applies to specific line items. If the hazardous material information applies to all the line items in the solicitation, use the 1/TD4/260 segment.***

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
TD401	**152**	**Special Handling Code** Code specifying special transportation handling instructions HM Endorsed as Hazardous Material NC Notify Consignee Before Delivery	**X**	**ID 2/3**
TD402	**208**	**Hazardous Material Code Qualifier** Code which qualifies the Hazardous Material Class Code (209) ***A request for the following codes has been submitted to ASC X12: Storage Compatibility Group and Hazard Class or Division. We expect these codes to be available in ASC X12 Version/Release 3050.*** D Hazardous Materials ID, DOT	**X**	**ID 1/1**
TD403	**209**	**Hazardous Material Class Code** Code specifying the kind of hazard for a material	**X**	**AN 2/4**
TD404	**352**	**Description** A free-form description to clarify the related data elements and their content ***Use is discouraged.***	**X**	**AN 1/80**

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

Segment: **RRA** **Required Response**

Position: 290

Loop: PO1 Mandatory

Level: Detail

Usage: Optional

Max Use: 25

Purpose: To indicate information that is required to be included in the response

Syntax Notes:

Semantic Notes: **1** Use RRA02 only to specify applicable regulatory or contractual clause.

Comments:

Notes: ***Use the 2/RRA/290 segment to indicate to prospective bidders that information, e.g., a certification, representation or fill-in information, applicable to a specific line item, must be submitted with the proposal. When the information is applicable to all line items in the solicitation, use the 1/RRA/280 segment.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**RRA01**	**701**	**Information Type** 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	**M**	**ID 2/2**
	RRA02	**127**	**Reference Number** Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	**O**	**AN 1/30**

Segment: **MSG** **Message Text**

Position: 295

Loop: PO1 Mandatory

Level: Detail

Usage: Optional

Max Use: 1000

Purpose: To provide a free form format that would allow the transmission of text information.

Syntax Notes:

Semantic Notes:

Comments: **1** MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

Notes: ***Use to provide free-form text associated with the line item being solicited. Use is discouraged.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**MSG01**	**933**	**Free-Form Message Text** Free-form message text	**M**	**AN 1/264**
	MSG02	**934**	**Printer Carriage Control Code** A field to be used for the control of the line feed of the receiving printer Refer to 003040 Data Element Dictionary for acceptable code values.	**O**	**ID 2/2**

Segment: **LDT** **Lead Time**

Position: 298

Loop: LDT Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify lead time for availability of products and services

Syntax Notes:

Semantic Notes: **1** LDT04 is the effective date of lead time information.

Comments: **1** LDT02 is the quantity of unit of time periods.

Notes: ***1. Use 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 Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**LDT01**	**345**	**Lead Time Code** Code indicating the time range	**M ID 2/2**

1. A request has been submitted to ASC X12 to add the following codes: From Date of Latest Delivery to Final Delivery, From Date of Previous Delivery to Subsequent Delivery, From Date of Award to Date of Latest Delivery, From Date of Award to Date of Earliest Delivery, From Date of Award to Date of Completion, From Date of Specified Event to Delivery, and From Date of Award to Date of Delivery. We expect these codes to be available in ASC X12 Version/Release 3050.

2. Use code AI to indicate that the consignee or other contact must be notified within the time period cited to schedule a shipment.

AA	From date of PO receipt to sample ready
AD	From date of sample approval to first product shipment
AE	From date of PO receipt to shipment

			AF	From date of PO receipt to delivery		
			AH	From Date of Receipt of First Article to First Article Approval		
			AI	From Date of a Specified Event to Delivery		
			AZ	From Date of Receipt of Item to Date of Approval of Item		
Must Use	**LDT02**	**380**	**Quantity**		**M**	**R 1/15**
			Numeric value of quantity			
Must Use	**LDT03**	**344**	**Unit of Time Period or Interval**		**M**	**ID 2/2**
			Code indicating the time period or interval			
			Use code KK to indicate a flexible time period, e.g., X number of days or less.			
			CY	Calendar Year		
			DA	Calendar Days		
			KK	Maximum Calendar Days		
			MO	Month		
			QY	Quarter of a Year		
			SA	Semiannual		
			WK	Weeks		
	LDT04	**373**	**Date**		**O**	**DT 6/6**
			Date (YYMMDD)			

Segment: **QTY** **Quantity**
Position: 299
Loop: LDT Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify quantity information
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. Des.	Data Element	Name	Attributes
Must Use	**QTY01**	**673**	**Quantity Qualifier** Code specifying the type of quantity	**M ID 2/2**

A request has been submitted to ASC X12 to add a code for Shipments. We expect this code to be available for use in ASC X12 Version/Release 3050.

1. Use code 1J to indicate the quantity to be delivered.

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 on a Contract Data Requirements List (CDRL) that are to be delivered to all 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.

5. Use code KF to indicate the number of reproducible copies of a data item on a Contract Data Requirements List (CDRL) that are to be delivered to all distribution addresses.

1J	Due The amount due to the customer
1K	Time Units

				The number of time units such 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 QTY01 is code IJ, identify the quantity to be delivered.			
			2. When QTY01 is code 1K, identify the length of the delivery schedule, e.g., 4 months. In this situation, QTY03 contains the time measurement, e.g., months, quarters, etc.			
	QTY03	**355**	**Unit or Basis for Measurement Code**		**O**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			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** **Reference Number**

Position: 320

Loop: N9 Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To transmit identifying numbers and descriptive information as specified by the reference number qualifier

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

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

Comments:

Notes:

1. Use the 2/N9/320 loop to identify clauses, special instructions, or other references which are applicable to a specific line item. When a reference number applies to all line items, use the 1/REF/050 segment.

2. When an alternate section is relevant for a cited clause, concatenate the alpha/numeric alternate designation with the clause number in N902.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**N901**	**128**	**Reference Number Qualifier** Code qualifying the Reference Number.	**M ID 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 in the DFARS.

4. Use code DX to indicate an agency clause contained in an agency supplement to the Federal Acquisition Regulation. When used, indicate the agency in N903.

5. Use code K7 to indicate information for prospective bidders, e.g., labeling or packaging information, quotation instructions, etc. Cite an applicable number in N902 and provide the information in the

following MSG segment. The numbering system can be based on the uniform contract format, e.g., H-1 for special requirements, or any other numbering system the originator desires. The 2/REF/100 segment can then be used to identify the reference when it is applicable to a line item.

6. Use code KT to indicate another type of reference number applicable to the solicitation. This number is not the RFQ number (which is found in BQT02). Indicate the source of the reference in N903 and provide, if necessary, the text of the item in the following MSG segment. For example, this code could be used as a way of getting to the following MSG segment when the full text must be transmitted. In that case, a reference number that follows the uniform contract format could be used.

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

8. Use code ZZ to indicate any other reference that cannot use a specific qualifier code. Indicate in N903 the source of the reference and use the following MSG segment for text, if necessary.

73	Statement of Work (SOW)
	Description of a product or service to be procured under a contract; statement of requirements
CJ	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 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, 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		
			VB Department of Veterans Affairs Acquisition Regulations (VAAR)		
			ZZ Mutually Defined		
	N902	**127**	**Reference Number**	**X**	**AN 1/30**
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
	N903	**369**	**Free-form Description**	**X**	**AN 1/45**
			Free-form descriptive text		
			Use is discouraged.		
	N904	**373**	**Date**	**O**	**DT 6/6**
			Date (YYMMDD)		
			Use to specify the date of a clause or wage determination, or other reference. When the date is used it will be in YYMMDD format so a clause date should always end with the numeric 01 indicating the first day of the month. This rule is necessary to comply with ASC X12 syntax.		
Not Used	**N905**	**337**	**Time**	**X**	**TM 4/8**
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	**N906**	**623**	**Time Code**	**O**	**ID 2/2**
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		

Segment: **MSG** **Message Text**

Position: 330

Loop: N9 Optional

Level: Detail

Usage: Optional

Max Use: 1000

Purpose: To provide a free form format that would allow the transmission of text information.

Syntax Notes:

Semantic Notes:

Comments: **1** MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

Notes: ***Use to identify the title and full text, if required, of any clause or provision cited in the preceding N9 segment. Use also to identify text related to any reference carried in the N9 segment. Use is discouraged.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**MSG01**	**933**	**Free-Form Message Text** Free-form message text	**M**	**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 receiving printer	**O**	**ID 2/2**

Segment: **N1** **Name**

Position: 340

Loop: N1 Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To identify a party by type of organization, name, and code

Syntax Notes:
1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.

Semantic Notes:

Comments:
1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2 N105 and N106 further define the type of entity in N101.

Notes:
1. 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. Des.	Data Element	Name	Attributes
Must Use	**N101**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, or an individual ***1. A data maintenance request has been submitted to ASC X12 asking for the following codes: Meeting Location and Party to Receive Proposal. The meeting location code would be used to identify a place where a prequoting conference is to be held. Since neither code is particularly applicable to small purchases, no effort was made to use a surrogate code for the purpose. If approved, the code will be applicable in ASC X12 Version/Release 3050.*** ***2. Use code 31 only when an actual mailing address is required, and is different from the address provided for any other qualifier code. Do not use if another qualifier code can be used to pass this address. When used, indicate the name of the party in N102 and N2 segment.***	**M ID 2/2**

3. Use code 88 to indicate the party approving a Contract Data Requirements List (CDRL).

4. Use code BY to indicate the purchasing or soliciting office or activity.

5. Use code CP to indicate the address to send the Certificate of Conformance when it is different from the purchasing or soliciting office or activity.

6. Use code DZ to indicate an area to which zone deliveries are to be made under an indefinite instrument. Indicate the zone in N104 (e.g., 1, 2, 3, etc.), use code ZN in N103, and indicate the locations of the zone in N405/06. Use 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 Compliance
DZ	Delivery Zone
	Area where the product was delivered
IC	Intermediate Consignee
KX	Free on Board Point
KY	Technical Office
L1	Inspection Location
	Place where the item was viewed or inspected
OH	Other Departments
P1	Preparer
	The firm, organization, or individual who determines the tax liability from information supplied by the taxpayer
PZ	Party to Receive Equipment
	Name a party to receive the transfer of equipment
RC	Receiving Location
ST	Ship To
SV	Service Performance Site
	When services are contracted for, this describes the organization for whom or location address at which

those services will be performed

Z7	Mark-for Party	
	The party for whom the needed material is intended	
ZZ	Mutually Defined	

N102	**93**	**Name**	**X**	**AN 1/35**
		Free-form name		
N103	**66**	**Identification Code Qualifier**	**X**	**ID 1/2**
		Code designating the system/method of code structure used for Identification Code (67)		

1. Use, when applicable, to identify the named party.

2. A request has been submitted to ASC X12 to add a code for Contractor Establishment Code. We expect this code to be available for use in the ASC X12 Version/Release 3050.

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

4. Use of the DUNS or DUNS+4 number (code 1 or code 9) is preferred over any other coded number to identify a named party.

5. Use code 10 to indicate either a Department of Defense or a Civilian Agency Activity Address Code.

6. When N101 is code ST, use code 16 to indicate the ZIP code as a general location for quoting purposes. The full address of the ship to party can be provided later, in the purchase order. If the ZIP code is an FPO or APO, indicate the FPO/APO in the N4 segment.

7. Use code 33 to indicate vendors with CAGE codes.

8. Use code A2 to indicate a MAPAC address.

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

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.

1	D-U-N-S Number, Dun & Bradstreet
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
10	Department of Defense Activity Address Code (DODAAC)
16	ZIP Code

			33 Commercial and Government Entity (CAGE) A2 Military Assistance Program Address Code (MAPAC) Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity FA Facility Identification ZN Zone		
	N104	**67**	**Identification Code** Code identifying a party or other code	**X**	**AN 2/17**
Not Used	**N105**	**706**	**Entity Relationship Code** Code describing entity relationship	**O**	**ID 2/2**
Not Used	**N106**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, or an individual	**O**	**ID 2/2**

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

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

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

Data Element Summary

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

Segment: **N4** **Geographic Location**
Position: 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.
2 N402 is required only if city name (N401) is in the USA or Canada.
Notes: ***Do not use when the cited party can be identified by a code value in N101/03/04.***

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
N401	**19**	**City Name** Free-form text for city name	**O**	**AN 2/30**
N402	**156**	**State or Province Code** Code (Standard State/Province) as defined by appropriate government agency	**O**	**ID 2/2**
N403	**116**	**Postal Code** Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	**O**	**ID 3/9**
N404	**26**	**Country Code** Code identifying the country ***A conversion table my be required to convert agency codes to the codes used by ASC X12.***	**O**	**ID 2/3**
N405	**309**	**Location Qualifier** Code identifying type of location ***1. When N101 is code DZ, if applicable, use code CC to indicate a country in the delivery zone.*** ***2. When N101 is code DZ, if applicable, use code SP to indicate a state or province in the delivery zone.*** Refer to 003040 Data Element Dictionary for acceptable code values.	**X**	**ID 1/2**
N406	**310**	**Location Identifier** Code which identifies a specific location	**O**	**AN 1/30**

Segment: **SCH** **Line Item Schedule**
Position: 405
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 200
Purpose: To specify the data for scheduling a specific line-item
Syntax Notes: **1** If SCH03 is present, then SCH04 is required.
2 If SCH09 is present, then SCH08 is required.
Semantic Notes: **1** SCH12 is the schedule identification.
Comments: **1** SCH05 specifies the interpretation to be used for SCH06 and SCH07.
Notes: ***Use the 2/SCH/405 segment to describe a partial delivery when it can be specified as an actual date and the ship to address differs by line item. If a single ship to address was identified in the 1/N1/310 loop, use the 2/SCH/220 segment.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**SCH01**	**380**	**Quantity** Numeric value of quantity	**M**	**R 1/15**
Must Use	**SCH02**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken ***1. Use any code.*** ***2. A conversion table may be required to convert agency codes to codes used by ASC X12.*** Refer to 003040 Data Element Dictionary for acceptable code values.	**M**	**ID 2/2**
Not Used	**SCH03**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, or an individual	**O**	**ID 2/2**
Not Used	**SCH04**	**93**	**Name** Free-form name	**X**	**AN 1/35**
Must Use	**SCH05**	**374**	**Date/Time Qualifier** Code specifying type of date or time, or both date and time ***1. Use code 077 to specify the beginning date of the week.*** ***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	**M**	**ID 3/3**

			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		
Must Use	**SCH06**	**373**	**Date**	**M**	**DT 6/6**
			Date (YYMMDD)		
Not Used	**SCH07**	**337**	**Time**	**O**	**TM 4/8**
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
	SCH08	**374**	**Date/Time Qualifier**	**X**	**ID 3/3**
			Code specifying type of date or time, or both date and time ***1. Use code 077 to specify the beginning date of the week.*** ***2. When code 174 is used, cite the last date of the month.*** ***3. Use code 996 to indicate the required delivery date when delivery can be made on or before the specified date.*** 037 Ship Not Before 077 Requested for Delivery (Week of) 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 (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**	**Request Reference Number**	**O**	**AN 1/45**
			Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)		

Not Used	**SCH12**	**350**	**Assigned Identification** Alphanumeric characters assigned for differentiation within a transaction set	**O**	**AN 1/11**

Segment: **TD5** **Carrier Details (Routing Sequence/Transit Time)**

Position: 420

Loop: N1 Optional

Level: Detail

Usage: Optional

Max Use: 12

Purpose: To specify the carrier and sequence of routing and provide transit time information

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

Semantic Notes:

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

Notes: ***Use the 2/TD5/420 segment when the shipment method is applicable to a named entity for a specific line item in the solicitation.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Not Used	**TD501**	**133**	**Routing Sequence Code** Code describing the relationship of a carrier to a specific shipment movement	**O**	**ID 1/2**
	TD502	**66**	**Identification Code Qualifier** Code designating the system/method of code structure used for Identification Code (67) ***When TD504 is code PL, use code 10 to indicate the number in TD503 is the DoDAAC of the pipeline.*** 10 Department of Defense Activity Address Code (DODAAC)	**X**	**ID 1/2**
	TD503	**67**	**Identification Code** Code identifying a party or other code	**X**	**AN 2/17**
	TD504	**91**	**Transportation Method/Type Code** Code specifying the method or type of transportation for the shipment ***1. Use any code.*** ***2. A conversion table may be required to convert agency codes to codes used by ASC X12.*** Refer to 003040 Data Element Dictionary for acceptable code values.	**X**	**ID 1/2**
Not Used	**TD505**	**387**	**Routing** Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	**X**	**AN 1/35**

Not Used	**TD506**	**368**	**Shipment/Order Status Code** Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	**X**	**ID 2/2**
Not Used	**TD507**	**309**	**Location Qualifier** Code identifying type of location	**O**	**ID 1/2**
Not Used	**TD508**	**310**	**Location Identifier** Code which identifies a specific location	**X**	**AN 1/30**
Not Used	**TD509**	**731**	**Transit Direction Code** The point of origin and point of direction	**O**	**ID 2/2**
Not Used	**TD510**	**732**	**Transit Time Direction Qualifier** Code specifying the value of time used to measure the transit time	**O**	**ID 2/2**
Not Used	**TD511**	**733**	**Transit Time** The numeric amount of transit time	**X**	**R 1/4**
Not Used	**TD512**	**284**	**Service Level Code** Code defining service	**X**	**ID 2/2**

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

Position: 010

Loop:

Level: Summary

Usage: Mandatory

Max Use: 1

Purpose: To transmit a hash total for a specific element in the transaction set

Syntax Notes:
1 If CTT03 is present, then CTT04 is required.
2 If CTT05 is present, then CTT06 is required.

Semantic Notes:

Comments:
1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**CTT01**	**354**	**Number of Line Items** Total number of line items in the transaction set ***Use to identify the total number of PO1 segments contained in this transaction set.***	**M**	**N0 1/6**
	CTT02	**347**	**Hash Total** Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ------- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field. ***When used, the number must be a true hash total. Do not use to transmit an operational amount.***	**O**	**R 1/10**
Not Used	**CTT03**	**81**	**Weight** Numeric value of weight	**O**	**R 1/10**
Not Used	**CTT04**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	**X**	**ID 2/2**
Not Used	**CTT05**	**183**	**Volume** Value of volumetric measure	**O**	**R 1/8**
Not Used	**CTT06**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	**X**	**ID 2/2**

Not Used	**CTT07**	**352**	**Description** A free-form description to clarify the related data elements and their content	**O**	**AN 1/80**

Segment: **SE** **Transaction Set Trailer**

Position: 020

Loop:

Level: Summary

Usage: Mandatory

Max Use: 1

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Syntax Notes:

Semantic Notes:

Comments: **1** SE is the last segment of each transaction set.

Data Element Summary

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