

843 Response to Request for Quotation

Functional Group ID=**RR**

Introduction:

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

Notes:

Throughout this document symbols are used in the left margin to indicate the following:

>> - indicates the element will be used in all transactions when the segment is used.

X - indicates the element is not used

(blank) - indicates the element may be used but is not required

Heading:

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

| | | | | | |
|----------|-----|-----|---|--------------|------|
| | 300 | MSG | Message Text | O | 1000 |
| | | | LOOP ID - N1 | 10000 | |
| | 310 | N1 | Name | O | 1 |
| | 320 | N2 | Additional Name Information | O | 1 |
| | 330 | N3 | Address Information | O | 1 |
| | 340 | N4 | Geographic Location | O | 1 |
| Not Used | 350 | REF | Reference Numbers | O | 12 |
| | 360 | PER | Administrative Communications Contact | O | >1 |
| Not Used | 370 | FOB | F.O.B. Related Instructions | O | 1 |
| Not Used | 380 | TD1 | Carrier Details (Quantity and Weight) | O | 2 |
| Not Used | 390 | TD5 | Carrier Details (Routing Sequence/Transit Time) | O | 12 |
| Not Used | 400 | TD3 | Carrier Details (Equipment) | O | 12 |
| Not Used | 410 | TD4 | Carrier Details (Special Handling, or Hazardous Materials, or Both) | O | 5 |
| Not Used | 420 | PKG | Marking, Packaging, Loading | O | 25 |
| Not Used | 430 | MSG | Message Text | O | >1 |

Detail:

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

| | | | | | | | |
|----------|-----|-----|---|---|---------------|----|------|
| Not Used | 290 | CTB | Restrictions/ Conditions | O | 5 | | |
| | 291 | SPI | Specification Identifier | O | >1 | | |
| | | | | | LOOP ID - SCH | | 104 |
| Not Used | 292 | SCH | Line Item Schedule | O | 1 | n2 | |
| Not Used | 293 | TD1 | Carrier Details (Quantity and Weight) | O | 1 | | |
| Not Used | 294 | TD5 | Carrier Details (Routing Sequence/Transit Time) | O | 12 | | |
| Not Used | 296 | TD3 | Carrier Details (Equipment) | O | 12 | | |
| Not Used | 298 | TD4 | Carrier Details (Special Handling, or Hazardous Materials, or Both) | O | 5 | | |
| | | | | | LOOP ID - CST | | 100 |
| Not Used | 300 | CST | Cost Analysis | O | 1 | | |
| Not Used | 310 | PID | Product/Item Description | O | 1 | | |
| Not Used | 320 | CUR | Currency | O | 1 | | |
| Not Used | 330 | DTM | Date/Time Reference | O | 2 | | |
| | | | | | LOOP ID - SLN | | 1000 |
| Not Used | 340 | SLN | Subline Item Detail | O | 1 | | |
| Not Used | 350 | PID | Product/Item Description | O | 1000 | | |
| | | | | | LOOP ID - CST | | 100 |
| Not Used | 360 | CST | Cost Analysis | O | 1 | | |
| Not Used | 370 | PID | Product/Item Description | O | 1 | | |
| Not Used | 380 | CUR | Currency | O | 1 | | |
| Not Used | 390 | DTM | Date/Time Reference | O | 2 | | |
| | | | | | LOOP ID - PD | | >1 |
| Not Used | 392 | PD | Pricing Data | O | 1 | | |
| Not Used | 393 | PDD | Pricing Data Detail | O | >1 | | |
| | | | | | LOOP ID - LDT | | >1 |
| | 394 | LDT | Lead Time | O | 1 | | |
| | 395 | QTY | Quantity | O | >1 | | |
| | 396 | MSG | Message Text | O | 1 | | |
| | | | | | LOOP ID - LM | | >1 |
| Not Used | 397 | LM | Code Source Information | O | 1 | | |
| Not Used | 398 | LQ | Industry Code | M | >1 | | |
| | | | | | LOOP ID - N9 | | 1000 |
| | 400 | N9 | Reference Number | O | 1 | | |
| | 410 | MSG | Message Text | O | 1000 | | |
| | | | | | LOOP ID - N1 | | >1 |
| | 420 | N1 | Name | O | 1 | | |
| | 430 | N2 | Additional Name Information | O | 1 | | |
| | 440 | N3 | Address Information | O | 1 | | |
| | 450 | N4 | Geographic Location | O | 1 | | |
| Not Used | 460 | REF | Reference Numbers | O | 12 | | |
| | 470 | PER | Administrative Communications Contact | O | 3 | | |
| Not Used | 480 | FOB | F.O.B. Related Instructions | O | 1 | | |
| Not Used | 485 | SCH | Line Item Schedule | O | 200 | | |
| Not Used | 490 | TD1 | Carrier Details (Quantity and Weight) | O | 2 | | |
| | 500 | TD5 | Carrier Details (Routing Sequence/Transit Time) | O | 12 | | |
| Not Used | 510 | TD3 | Carrier Details (Equipment) | O | 12 | | |
| | 520 | TD4 | Carrier Details (Special Handling, or Hazardous Materials, or Both) | O | 5 | | |
| | 530 | PKG | Marking, Packaging, Loading | O | 25 | | |

| | | | LOOP ID - LDT | | >1 |
|----------|-----|-----|-------------------|---|----|
| Not Used | 550 | LDT | Lead Time | O | 1 |
| Not Used | 560 | MAN | Marks and Numbers | O | 10 |
| Not Used | 570 | QTY | Quantity | O | 5 |
| Not Used | 580 | MSG | Message Text | O | 1 |

Summary:

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

Transaction Set Notes

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

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:
Notes: *This unique control number is assigned by the originator of the transaction set or by the originator's application program. This same number is carried in SE02.*

Data Element Summary

| Ref. | Data | | | |
|-------------|----------------|---|-------------------|--------|
| <u>Des.</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> | |
| >> ST01 | 143 | Transaction Set Identifier Code | M | ID 3/3 |
| | | Code uniquely identifying a Transaction Set | | |
| | | 843 X12.8 Response to Request for Quotation | | |
| >> ST02 | 329 | Transaction Set Control Number | M | AN 4/9 |
| | | Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set | | |

Segment: **BQR** Beginning Segment for Response to Request for Quotation
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a Response to Request for Quote Transaction Set and transmit identifying numbers and dates
Syntax Notes: 1 If either BQR04 or BQR05 is present, then the other is required.
Semantic Notes: 1 BQR03 is the date to be used for reference purposes in an RFQ and a response to RFQ.
Comments:
Notes: *Use to identify the purpose of the transaction set.*

Data Element Summary

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

UQ

Unable to Quote

BQR07

786

Security Level Code

O ID 2/2

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

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

- 06 Supplier Proprietary
- 11 Competition Sensitive

Segment: **REF** Reference Numbers
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:
Notes: *At least one occurrence of this REF segment with REF01 citing code PR is REQUIRED to provide the quoting party's quotation number.*

Data Element Summary

| Ref. | Data Element | Name | Attributes |
|----------|--------------|---|------------|
| >> REF01 | 128 | Reference Number Qualifier Code qualifying the Reference Number. <i>When codes CT or W6 are used, one iteration of the 1/DTM/150 segment is REQUIRED. Use code 036 (Expiration) in DTM01 and provide the expiration date of the cited schedule or contract in DTM02.</i> | M ID 2/2 |
| | | CT Contract Number <i>Used to identify an existing Basic Ordering Agreement (BOA) covering the item(s) for which this quotation is being provided. Provide the expiration date of the BOA in 1/DTM/150.</i> | |
| | | DG Drawing Number | |
| | | IJ Standard Industry Classification (SIC) Code | |
| | | LX Qualified Products List <i>Insert the QPL Number in REF02 and the QPL Test Number in REF03.</i> | |
| | | NI Military Standard (MIL-STD) Number | |
| | | PR Price Quote Number | |
| | | S2 Military Specification Number (MILSPEC) | |
| | | S3 Specification Number | |
| | | TP Test Specification Number | |
| | | W6 Federal Supply Schedule Number Identifies an item with a two-digit group number, two-digit part number, and one-character section letter <i>Used to identify an existing Federal Supply Schedule (FSS) covering the item(s) for which this quotation is being provided. Provide the expiration date of the FSS in 1/DTM/150.</i> | |
| REF02 | 127 | Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. | X AN 1/30 |
| REF03 | 352 | Description A free-form description to clarify the related data elements and their content | X AN 1/80 |

Segment: **FOB** F.O.B. Related Instructions
Position: 080
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify transportation instructions relating to shipment
Syntax Notes:

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

Semantic Notes:

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

Comments:
Notes:

Data Element Summary

| Ref. | Data | Name | Attributes |
|----------|--------------|--|-------------------------------|
| >> | <u>Des.</u> | <u>Element</u> | <u>M</u> <u>ID</u> <u>2/2</u> |
| | FOB01 | 146 Shipment Method of Payment Code identifying payment terms for transportation charges | |
| | | BP Paid by Buyer The buyer agrees to the transportation payment term requiring the buyer to pay transportation charges to a specified location (origin or destination location) | |
| | | PP Prepaid (by Seller) <i>Use to indicate that transportation charges are not included in the unit price but are prepaid and are to be added as a separate item on this instrument's invoice.</i> | |
| | | PS Paid by Seller The seller agrees to the transportation payment term requiring the seller to pay transportation charges to a specified location (origin or destination location) <i>Use to indicate transportation charges are included in the unit price.</i> | |
| | FOB02 | 309 Location Qualifier Code identifying type of location <i>Use to identify the FOB point.</i> | X ID 1/2 |
| | | DE Destination (Shipping) | |
| | | OR Origin (Shipping Point) | |
| X | FOB03 | 352 Description A free-form description to clarify the related data elements and their content | O AN 1/80 |
| X | FOB04 | 334 Transportation Terms Qualifier Code Code identifying the source of the transportation terms | O ID 2/2 |
| X | 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 <i>Use to identify the acceptance point. This code also identifies the inspection location unless N101 in the 1/N1/310 loop is Code LL.</i> | X ID 1/2 |
| | | DE Destination (Shipping) | |
| | | OR Origin (Shipping Point) | |

ZZ

Mutually Defined

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

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

Segment: **ITD** Terms of Sale/Deferred Terms of Sale
Position: 130
Loop:
Level: Heading
Usage: Optional
Max Use: 5
Purpose: To specify terms of sale
Syntax Notes:

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

Semantic Notes:

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

Comments:

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

Notes:

Data Element Summary

| Ref. | Data Des. | Element | Name | Attributes |
|------|-----------|---------|---|------------|
| X | ITD01 | 336 | Terms Type Code Code identifying type of payment terms | O ID 2/2 |
| X | ITD02 | 333 | Terms Basis Date Code Code identifying the beginning of the terms period | O ID 1/2 |
| | ITD03 | 338 | Terms Discount Percent Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date <i>Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).</i> | O R 1/6 |
| X | ITD04 | 370 | Terms Discount Due Date Date payment is due if discount is to be earned | X DT 6/6 |
| | ITD05 | 351 | Terms Discount Days Due Number of days in the terms discount period by which payment is due if terms discount is earned | X N0 1/3 |
| X | ITD06 | 446 | Terms Net Due Date Date when total invoice amount becomes due | O DT 6/6 |
| | ITD07 | 386 | Terms Net Days Number of days until total invoice amount is due (discount not applicable) | O N0 1/3 |
| X | ITD08 | 362 | Terms Discount Amount Total amount of terms discount | O N2 1/10 |
| X | ITD09 | 388 | Terms Deferred Due Date Date deferred payment or percent of invoice payable is due | O DT 6/6 |
| X | ITD10 | 389 | Deferred Amount Due Deferred amount due for payment | X N2 1/10 |
| X | ITD11 | 342 | Percent of Invoice Payable Amount of invoice payable expressed in percent | X R 1/5 |
| X | ITD12 | 352 | Description A free-form description to clarify the related data elements and their content | O AN 1/80 |
| X | ITD13 | 765 | Day of Month The numeric value of the day of the month between 1 and the maximum day of the month being referenced | X N0 1/2 |
| X | ITD14 | 107 | Payment Method Code Code identifying type of payment procedures | O ID 1/1 |
| X | ITD15 | 954 | Percent Percentage expressed as a decimal | O R 1/10 |

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

Data Element Summary

| | <u>Ref.</u> <u>Des.</u> | <u>Data</u> <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
|----|----------------------------|-------------------------------|--|-------------------|
| >> | DTM01 | 374 | Date/Time Qualifier Code specifying type of date or time, or both date and time 036 Expiration Date coverage expires <i>Use to indicate the date of expiration of the Federal Supply Schedule (FSS) or Basic Ordering Agreement (BOA) identified in 1/REF/050.</i> | M ID 3/3 |
| | DTM02 | 373 | Date Date (YYMMDD) | X DT 6/6 |
| X | DTM03 | 337 | Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) | X TM 4/8 |
| X | DTM04 | 623 | Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow | O ID 2/2 |
| | DTM05 | 624 | Century The first two characters in the designation of the year (CCYY) | O N0 2/2 |
| X | DTM06 | 1250 | Date Time Period Format Qualifier Code indicating the date format, time format, or date and time format | X ID 2/3 |
| X | DTM07 | 1251 | Date Time Period Expression of a date, a time, or range of dates, times or dates and times | X AN 1/35 |

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

Data Element Summary

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

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

Data Element Summary

| Ref. | Data Element | Name | Attributes |
|------|--------------|--|------------|
| >> | PWK01 | 755 Report Type Code | M ID 2/2 |
| | | SD Support Data for a Request for Quote | |
| | PWK02 | 756 Report Transmission Code | O ID 1/2 |
| | | Code defining timing, transmission method or format by which reports are to be sent | |
| | | BE By Mail and Electronically | |
| | | <i>Use to indicate E-Mail.</i> | |
| | | BM By Mail | |
| | | CF Courier | |
| | | EL Electronically Only | |
| | | <i>Use to indicate Electronic Data Interchange (EDI).</i> | |
| | | FX By Fax | |
| X | PWK03 | 757 Report Copies Needed | O N0 1/2 |
| | | The number of copies of a report that should be sent to the addressee | |
| | PWK04 | 98 Entity Identifier Code | O ID 2/2 |
| | | Code identifying an organizational entity, a physical location, or an individual | |
| | | 7N Party to Receive Proposal | |
| | | BY Buying Party (Purchaser) | |
| | | <i>Use to indicate the contracting officer.</i> | |
| | | IS Party to Receive Certified Inspection Report | |
| | | <i>Use when PWK01 is code IT.</i> | |
| | | KF Audit Office | |
| | | The office performing the audit | |
| | | KG Project Manager | |
| | | The address of the person responsible for the management of a designated project | |
| | | <i>Use to indicate the party responsible for a project to include the Advisor under a Grant.</i> | |
| | | KY Technical Office | |
| X | PWK05 | 66 Identification Code Qualifier | X ID 1/2 |
| | | Code designating the system/method of code structure used for Identification Code (67) | |
| X | PWK06 | 67 Identification Code | X AN 2/20 |

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

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

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

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

Comments:

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

Data Element Summary

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

Segment: **MSG** Message Text
Position: 300
Loop: N9
Level: Heading
Usage: Optional
Max Use: 1000
Purpose: To provide a free form format that would allow the transmission of text information.
Syntax Notes:
Semantic Notes:
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes: 1. Use this segment when N901 is code KR, KW, or KX to provide a certification, representation or fill-in information required by the clause or paragraph number cited in N902; when N901 is code L1 to provide general comments or notes; when N901 is code 55 to provide an explanation for not providing a quote; or when N901 is code KT, to identify exceptions being taken to some portion of the solicitation.

2. When providing a certification, representation or fill-in information, the clause title, if cited, and the alternate identifier and date, if applicable, will be the first data provided. This data will be followed by a numeric designation of the number of data items being provided. Each data item will be preceded by the paragraph or section identifier in the clause where the certification, representation or fill-in information is to be inserted (if identifiers are included in the clause). If there is no paragraph or section designator, the required information will immediately follow the numeric designation of the data items being provided. If the information to be provided is to be selected from provided responses within the clause, cite the information that is selected.
3. A pipe sign (|) will be inserted after each data item.
4. Use this segment to provide information essential to the quote.

IMPORTANT:

The response to DLAD 52.213-9004 MUST be provided as follows:

N9*KR*52.213-9004**970601

MSG*32|01A|answer|01B|answer|01C|answer|01D|answer|02A|answer|02B|answer|02C|answer|02D|answer|02E|answer|03A|answer|03B|answer|04A|answer|05A|answer|06A|answer|07A|answer|07B|answer|08A|answer|09A|answer|09B|answer|09C|answer|10A|answer|10B|answer|10C|answer|

MSG*|11A|answer|11B|answer|11C|answer|11D|answer|11E|answer|12A|answer|13A|answer|13B|answer|13C|answer|

If the response to the clause requires more than the allotted 264 spaces in the MSG01 element, the first MSG segment must end with a pipe sign (|) following an answer. DO NOT start an answer in one MSG segment and complete it in another. DO NOT place the fill-in identifier (01A, 01B, etc) in one MSG segment and the answer in another. DO NOT split a fill-in identifier between two MSG segments.

Each and every fill-in identifier included in the clause MUST be included in the MSG segment(s) with the answer to that fill-in. DO NOT leave out any fill-in identifiers or answers

Each fill-in is identified by a number and a letter. Groups 02A-02E, 03A-03B, 07A-07B, 09A-09C, 10A-10C, 11A-11E, 12A and 13A-13C may vary by CLIN. When the response varies by CLIN for any group, the entire group must be provided for each CLIN (i.e. if responses to group 02 varies by line you must provide responses to 02A thru 02E for CLIN 0001, then responses to 02A thru 02E for CLIN 0002, then responses to 02A thru 02E for CLIN 0003, etc)

If your response to any fill-in identifier varies by line, this response MUST be provided as follows:

MSG*....01D|answer|02A|0001|02B|CLIN0001|answer|02C|CLIN0001|answer|02A|0002|02B|CLIN0002|answer|02C|CLIN0002|answer|03A|answer|...

If your response is the same for all lines for one of the above groups, insert ALL as the answer to the "A" fill-in as follows:

MSG*....01D|answer|02A|ALL|02B|answer|02C|answer|03A|answer|...

REMEMBER:

1. The clause must be identified in the 1/N9/290 segment.
2. The response to specific elements of the clause must be provided in the associated 1/MSG/300 segment(s) in the specified order and format..
3. Every fill-in identifier and response must be completed in order.
4. The fill-in identifier consists of a two digit number and an alpha. Always cite the complete number (i.e. 01A not 1A).
5. Each MSG01 element allows for 264 spaces - DO NOT exceed this limit.
6. DO NOT split an answer to a fill-in between two MSG segments.
7. DO NOT split a fill-in identifier between two MSG segments.
8. The fill-in identifier and the answer MUST be in the same MSG segment.

Data Element Summary

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

Segment: **N1** Name
Position: 310
Loop: N1
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2 N105 and N106 further define the type of entity in N101.
Notes: 1. *Use this 1/N1/310 loop to identify entities or locations that apply to all of the line items. If information varies by line item, use the 2/N1/420 loop.*
2. *Whenever possible, identification and address information should be provided using N101, N103, and N104. Use N102 and segment N2 through N4 as applicable when address information cannot be provided using one of the codes listed in N103.*
3. *At least 2 repetitions of this are required using codes BY and SE in N101.*
4. *Use this segment to provide information essential to the quote.*

Data Element Summary

| Ref. | Data Element | Name | Attributes |
|---------|--------------|--|------------|
| >> N101 | 98 | Entity Identifier Code | M ID 2/2 |
| | | Code identifying an organizational entity, a physical location, or an individual | |
| | | 61 Performed At | |
| | | The facility where work was performed | |
| | | <i>Use to indicate the proposed place of performance when it is other than the offeror's mailing address.</i> | |
| | | 7M Inspection and Acceptance Location | |
| | | <i>Used to indicate the inspection and acceptance point when both are at the same location but the location is neither at origin nor at destination.</i> | |
| | | BY Buying Party (Purchaser) | |
| | | KZ Acceptance Location | |
| | | <i>Use to indicate the acceptance location is proposed at other than origin or destination.</i> | |
| | | L1 Inspection Location | |
| | | Place where the item was viewed or inspected | |
| | | PL Party to Receive Purchase Order | |
| | | RI Remit To | |
| | | <i>Use to indicate the place to send remittance when it is different than the contractor's address, e.g., a bank, financial office location, etc.</i> | |
| | | SE Selling Party | |
| | | X2 Party to Perform Packaging | |
| | | A party responsible for packaging an item after it has been produced | |
| N102 | 93 | Name | X AN 1/35 |
| | | Free-form name | |
| N103 | 66 | Identification Code Qualifier | X ID 1/2 |
| | | Code designating the system/method of code structure used for Identification | |

Code (67)

While the federal EDI program uses the DUNS number, DPACS requires the use of CAGE Codes or DoDAACs.

10 Department of Defense Activity Address Code (DODAAC)

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

33 Commercial and Government Entity (CAGE)

Use to indicate a commercial entity. If the commercial entity does not have a CAGE code, use code ZC.

| | | | | | | |
|----------|-------------|------------|--|----------|-----------|-------------|
| | N104 | 67 | Identification Code | X | AN | 2/20 |
| | | | Code identifying a party or other code | | | |
| X | N105 | 706 | Entity Relationship Code | O | ID | 2/2 |
| | | | Code describing entity relationship | | | |
| X | N106 | 98 | Entity Identifier Code | O | ID | 2/2 |
| | | | Code identifying an organizational entity, a physical location, or an individual | | | |

Segment: **N2** Additional Name Information
Position: 320
Loop: N1
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:
Notes: *This segment is not necessary when the entity cited in N101 is described by a code in N103/N104. No more than one iteration of this N2 segment is allowed per address.*

Data Element Summary

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

Segment: **N3** Address Information
Position: 330
Loop: N1
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes:

This segment is not necessary when the entity cited in N101 is described by a code in N103/N104. No more than one iteration of this N2 segment is allowed per address.

Data Element Summary

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

Segment: **N4 Geographic Location**
Position: 340
Loop: N1
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2 N402 is required only if city name (N401) is in the USA or Canada.
Notes: *This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.*

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Attributes</u> |
|-------------|-------------|--|-------------------|
| N401 | 19 | City Name Free-form text for city name | O AN 2/30 |
| N402 | 156 | State or Province Code Code (Standard State/Province) as defined by appropriate government agency | O ID 2/2 |
| N403 | 116 | Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States) | O ID 3/11 |
| N404 | 26 | Country Code Code identifying the country | O ID 2/3 |
| N405 | 309 | Location Qualifier Code identifying type of location AR Armed Services Location Designation <i>Use to indicate an Army Post Office (APO) or Fleet Post Office (FPO).</i> | X ID 1/2 |
| N406 | 310 | Location Identifier Code which identifies a specific location AA Miami AE New York AP San Francisco | O AN 1/30 |

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

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

Semantic Notes:
Comments:

Notes: *1. Use this segment to provide the names and titles of individuals associated with the entity cited in the same N1 loop.*

2. When BQR01 is code 00 and N1 is code SE, this segment is REQUIRED.

Data Element Summary

| Ref. | Data Element | Name | Attributes |
|------|--------------|--|------------------|
| >> | PER01 366 | Contact Function Code Code identifying the major duty or responsibility of the person or group named <i>Use to identify various individuals within the offeror's organization.</i> | M ID 2/2 |
| | | AA Authorized Representative <i>Use to indicate the person authorized by the offeror to contractually and legally bind the entity.</i> | |
| | | AF Authorized Financial Contact <i>Use to identify the individual in the offeror's company who is responsible for cost and price data.</i> | |
| | | IC Information Contact | |
| | | KA Authorized Negotiator | |
| | | ME Manufacturing <i>Use to indicate the manufacturing point of contact.</i> | |
| | | SU Supplier Contact <i>Use to indicate a contact within the offeror's organization.</i> | |
| >> | PER02 93 | Name Free-form name <i>Cite last name first, followed by first name. If the whole name is longer than 35 characters, truncate or use initials for the first name. If necessary, use PER09 to cite the party's title.</i> | O AN 1/35 |
| >> | PER03 365 | Communication Number Qualifier Code identifying the type of communication number | X ID 2/2 |
| | | EM Electronic Mail | |
| | | FX Facsimile | |
| | | TE Telephone <i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i> | |
| >> | PER04 364 | Communication Number Complete communications number including country or area code when applicable | X AN 1/80 |
| | PER05 365 | Communication Number Qualifier Code identifying the type of communication number <i>Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a telephone number, PER05/06 could cite a FAX number.</i> | X ID 2/2 |
| | | EM Electronic Mail | |

| | | | | | | |
|--------------|------------|---|---|----------|-----------|-------------|
| | | EX | Telephone Extension | | | |
| | | | <i>Use, if applicable, to provide an extension number when PER03 is code TE.</i> | | | |
| | | FX | Facsimile | | | |
| | | TE | Telephone | | | |
| | | | <i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i> | | | |
| PER06 | 364 | Communication Number | | X | AN | 1/80 |
| | | Complete communications number including country or area code when applicable | | | | |
| PER07 | 365 | Communication Number Qualifier | | X | ID | 2/2 |
| | | Code identifying the type of communication number | | | | |
| | | | <i>Use to identify a third communications number for the party cited in PER02.</i> | | | |
| | | EM | Electronic Mail | | | |
| | | EX | Telephone Extension | | | |
| | | | <i>Use, if applicable, to provide an extension number when PER05 is code TE.</i> | | | |
| | | FX | Facsimile | | | |
| | | TE | Telephone | | | |
| | | | <i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i> | | | |
| PER08 | 364 | Communication Number | | X | AN | 1/80 |
| | | Complete communications number including country or area code when applicable | | | | |
| PER09 | 443 | Contact Inquiry Reference | | O | AN | 1/20 |
| | | Additional reference number or description to clarify a contact number | | | | |
| | | | <i>1. Use, if necessary, to provide the title of the individual cited in PER02.</i> | | | |
| | | | <i>2. This data element is REQUIRED when PER01 is code AA, CE, or KA.</i> | | | |

Segment: **PO1** **Baseline Item Data**

Position: 010

Loop: PO1

Level: Detail

Usage: Optional

Max Use: 1

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

Syntax Notes:

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

Semantic Notes:

Comments:

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

Notes:

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

Data Element Summary

| Ref. | Data | Name | Attributes |
|-------------|----------------|---|------------|
| <u>Des.</u> | <u>Element</u> | | |
| PO101 | 350 | Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set <i>To identify the item being quoted or to which changes are being proposed, this data element must contain whatever numeric or alpha characters that were provided in the solicitation.</i> | O AN 1/11 |
| PO102 | 330 | Quantity Ordered Quantity ordered <i>Use to identify the quantity being quoted. Use the PO3 segment to explain if the quantity being quoted differs from the solicitation quantity.</i> | 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 <i>Use any code.</i> <i>SX Shipment</i> <i>Use when PO101 is a CLIN for transportation charges.</i> <i>ZZ Mutually Defines</i> <i>Use to indicate a Task or Job.</i> Refer to 003050 Data Element Dictionary for acceptable code values. | O ID 2/2 |
| PO104 | 212 | Unit Price Price per unit of product, service, commodity, etc. | X R 1/17 |

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

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

Code identifying the type of unit price for an item

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

CA Catalog

NC No Charge

Use to indicate this is a no cost item.

NS Not Separately Priced

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

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

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

1. PO106 through PO125 are used in pairs. For example, PO106 contains a qualifier code and PO107 contains the data related to the code.

2. If an equal or substitute items is being quoted, as a minimum, include the National Stock Number, or the Manufacturer's Part Number (to indicate who has design control) and Manufacturer.

3. Any code, other than code ZZ, may be used but the listed codes are preferred.

A8 Exhibit Line Item Number

AK Refined Product Code

CG Commodity Grouping

Use to indicate a commodity code.

CH Country of Origin Code

CL Color

CN Commodity Name

FS National Stock Number

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

FT Federal Supply Classification

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

KF Item Type Number

LT Lot Number

N1 National Drug Code in 4-4-2 Format

N2 National Drug Code in 5-3-2 Format

N3 National Drug Code in 5-4-1 Format

N4 National Drug Code in 5-4-2 Format

ND National Drug Code (NDC)

MF Manufacturer

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

MG Manufacturer's Part Number

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

MN Model Number

PD Part Number Description

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

PN Company Part Number

PU Part Reference Number

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

PW Part Drawing

Use of this code is required when BQR06 is code AB.

SN Serial Number

SR Substitute Product Number

SW Stock Number

Use to indicate a local stock number

SZ Vendor Alphanumeric Size Code (NRMA)

Use to indicate the size of an item.

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

VP Vendor's (Seller's) Part Number

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

ZB Commercial and Government Entity (CAGE) Code

When an alternate product is offered, use to indicate the manufacturer of an item if other than the quoting party. Use of this code or code MF is required when an alternate product is offered.

FS National Stock Number

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

MG Manufacturer's Part Number

Use of this code is required if BQR06 is code AB and the alternate or substitute does not have an NSN but is identified by a manufacturer's part number. An additional 235/234 pair is required citing code ZB in data element 235 to provide the CAGE Code of the party assigning the part number.

VP Vendor's (Seller's) Part Number

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

PO107 234 Product/Service ID X AN 1/40
Identifying number for a product or service

PO108 235 Product/Service ID Qualifier X ID 2/2
Code identifying the type/source of the descriptive number used in Product/Service ID (234)

FS National Stock Number

MG Manufacturer's Part Number

Use of this code is required if BQR06 is code AB and the alternate or substitute does not have an NSN but is identified by a manufacturer's part number. An additional 235/234 pair is required citing code ZB in data element 235 to provide the CAGE Code of the party assigning the part number.

VP Vendor's (Seller's) Part Number

Use to indicate a part number assigned by a party other than the manufacturer. An additional 235/234 pair is required citing code ZB in data element 235 to provide the CAGE Code of the party assigning the part number.

ZB Commercial and Government Entity (CAGE) Code

A code that identifies a commercial contractor authorized to do business with the U.S. government

Use to indicate the manufacturer of an item. Use of this code is required when an alternate product is offered.

PO109 234 Product/Service ID X AN 1/40

| | | | | | |
|--------------|------------|---|----------|-----------|--|
| | | Identifying number for a product or service | | | |
| PO110 | 235 | Product/Service ID Qualifier | X | ID | 2/2 |
| | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | | |
| | | FS National Stock Number | | | |
| | | MG Manufacturer's Part Number | | | |
| | | | | | <i>Use of this code is required if BQR06 is code AB and the alternate or substitute does not have an NSN but is identified by a manufacturer's part number. An additional 235/234 pair is required citing code ZB in data element 235 to provide the CAGE Code of the party assigning the part number.</i> |
| | | VP Vendor's (Seller's) Part Number | | | |
| | | | | | <i>Use to indicate a part number assigned by a party other than the manufacturer. An additional 235/234 pair is required citing code ZB in data element 235 to provide the CAGE Code of the party assigning the part number.</i> |
| | | ZB Commercial and Government Entity (CAGE) Code | | | |
| | | A code that identifies a commercial contractor authorized to do business with the U.S. government | | | |
| PO111 | 234 | Product/Service ID | X | AN | 1/40 |
| | | Identifying number for a product or service | | | |
| PO112 | 235 | Product/Service ID Qualifier | X | ID | 2/2 |
| | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | | |
| | | FS National Stock Number | | | |
| | | MG Manufacturer's Part Number | | | |
| | | | | | <i>Use of this code is required if BQR06 is code AB and the alternate or substitute does not have an NSN but is identified by a manufacturer's part number. An additional 235/234 pair is required citing code ZB in data element 235 to provide the CAGE Code of the party assigning the part number.</i> |
| | | VP Vendor's (Seller's) Part Number | | | |
| | | | | | <i>Use to indicate a part number assigned by a party other than the manufacturer. An additional 235/234 pair is required citing code ZB in data element 235 to provide the CAGE Code of the party assigning the part number.</i> |
| | | ZB Commercial and Government Entity (CAGE) Code | | | |
| | | A code that identifies a commercial contractor authorized to do business with the U.S. government | | | |
| PO113 | 234 | Product/Service ID | X | AN | 1/40 |
| | | Identifying number for a product or service | | | |
| PO114 | 235 | Product/Service ID Qualifier | X | ID | 2/2 |
| | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | | |
| | | MG Manufacturer's Part Number | | | |
| | | | | | <i>Use of this code is required if BQR06 is code AB and the alternate or substitute does not have an NSN but is identified by a manufacturer's part number. An additional 235/234 pair is required citing code ZB in data element 235 to provide the CAGE Code of the party assigning the part number.</i> |
| | | VP Vendor's (Seller's) Part Number | | | |
| | | | | | <i>Use to indicate a part number assigned by a party other than the manufacturer. An additional 235/234</i> |

pair is required citing code ZB in data element 235 to provide the CAGE Code of the party assigning the part number.

| | | | | | | |
|-------|-----|-------------------------------------|--|---|----|------|
| | | ZB | Commercial and Government Entity (CAGE) Code A code that identifies a commercial contractor authorized to do business with the U.S. government | | | |
| PO115 | 234 | Product/Service ID | | X | AN | 1/40 |
| | | | Identifying number for a product or service | | | |
| PO116 | 235 | Product/Service ID Qualifier | | X | ID | 2/2 |
| | | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | | |
| | | MG | Manufacturer's Part Number <i>Use of this code is required if BQR06 is code AB and the alternate or substitute does not have an NSN but is identified by a manufacturer's part number. An additional 235/234 pair is required citing code ZB in data element 235 to provide the CAGE Code of the party assigning the part number.</i> | | | |
| | | VP | Vendor's (Seller's) Part Number <i>Use to indicate a part number assigned by a party other than the manufacturer. An additional 235/234 pair is required citing code ZB in data element 235 to provide the CAGE Code of the party assigning the part number.</i> | | | |
| | | ZB | Commercial and Government Entity (CAGE) Code A code that identifies a commercial contractor authorized to do business with the U.S. government | | | |
| PO117 | 234 | Product/Service ID | | X | AN | 1/40 |
| | | | Identifying number for a product or service | | | |
| PO118 | 235 | Product/Service ID Qualifier | | X | ID | 2/2 |
| | | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | | |
| | | MG | Manufacturer's Part Number <i>Use of this code is required if BQR06 is code AB and the alternate or substitute does not have an NSN but is identified by a manufacturer's part number. An additional 235/234 pair is required citing code ZB in data element 235 to provide the CAGE Code of the party assigning the part number.</i> | | | |
| | | VP | Vendor's (Seller's) Part Number <i>Use to indicate a part number assigned by a party other than the manufacturer. An additional 235/234 pair is required citing code ZB in data element 235 to provide the CAGE Code of the party assigning the part number.</i> | | | |
| | | ZB | Commercial and Government Entity (CAGE) Code A code that identifies a commercial contractor authorized to do business with the U.S. government | | | |
| PO119 | 234 | Product/Service ID | | X | AN | 1/40 |
| | | | Identifying number for a product or service | | | |
| PO120 | 235 | Product/Service ID Qualifier | | X | ID | 2/2 |
| | | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | | |
| | | MG | Manufacturer's Part Number <i>Use of this code is required if BQR06 is code AB and the alternate or substitute does not have an NSN but is identified by a manufacturer's part number. An additional 235/234 pair is required citing code ZB in</i> | | | |

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

Syntax Notes: 1 If PO304 is present, then at least one of PO303 or PO305 is required.
Semantic Notes:
Comments: 1 Some examples of price/quantity variations 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 this 2/PO3/030 segment, as necessary, to identify additional information regarding the item being quoted in the PO1 segment.*

Data Element Summary

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

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

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

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

Semantic Notes:

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

Comments:

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

Notes:

1. Use this segment to provide pricing information requested in the solicitation or to provide additional prices related to the line item, e.g., prepaid transportation charges.

2. Example of step ladder quantity prices for quantities 1-10, 11-20, 21-30, and 31-50:

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

Data Element Summary

| Ref. | Data | | Attributes | | |
|-------------|----------------|-------------|---|-----------|--------|
| <u>Des.</u> | <u>Element</u> | <u>Name</u> | | <u>ID</u> | |
| X | CTP01 | 687 | Class of Trade Code | O | 2/2 |
| | | | Code indicating class of trade | | |
| | CTP02 | 236 | Price Identifier Code | X | 3/3 |
| | | | Code identifying pricing specification | | |
| | | | <i>Any code may be used to provide information regarding the pricing of an item; however, the following are preferred.</i> | | |
| | | CAT | Catalog Price | | |
| | | | <i>Use to indicate catalog price if PO104 is not the quoting party's catalog price and the solicitation requested the bidder to identify the catalog price.</i> | | |
| | | ICL | Unit Price Through Quantity | | |
| | | | <i>When providing prices for different quantities, use to indicate the end of a quantity range.</i> | | |
| | | MAX | Maximum Order Quantity Price | | |
| | | | <i>When providing prices for different quantities, use to indicate the quantity above which the price will not change.</i> | | |
| | | PAQ | Price Break Quantity(s) | | |
| | | | <i>Use to provide the price break quantities as requested in the solicitation.</i> | | |
| | | PBQ | Unit Price Beginning Quantity | | |
| | | | <i>When providing prices for different quantities, use to indicate the beginning of a quantity range.</i> | | |
| | CTP03 | 212 | Unit Price | O | R 1/17 |
| | | | Price per unit of product, service, commodity, etc. | | |
| | CTP04 | 380 | Quantity | X | R 1/15 |
| | | | Numeric value of quantity | | |

| | | | | | | |
|----------|--------------|------------|--|----------|-----------|-------------|
| | CTP05 | 355 | Unit or Basis for Measurement Code | X | ID | 2/2 |
| | | | Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | | | |
| | | | <i>Use any code.</i> | | | |
| | | | Refer to 003050 Data Element Dictionary for acceptable code values. | | | |
| X | CTP06 | 648 | Price Multiplier Qualifier | O | ID | 3/3 |
| | | | Code indicating the type of price multiplier | | | |
| X | CTP07 | 649 | Multiplier | X | R | 1/10 |
| | | | Value to be used as a multiplier to obtain a new value | | | |
| X | CTP08 | 782 | Monetary Amount | O | R | 1/15 |
| | | | Monetary amount | | | |
| X | CTP09 | 639 | Basis of Unit Price Code | O | ID | 2/2 |
| | | | Code identifying the type of unit price for an item | | | |
| X | CTP10 | 499 | Condition Value | O | AN | 1/10 |
| | | | Identifies rate restrictions or provisions | | | |

Segment: **MEA** Measurements
Position: 049
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 40
Purpose: To specify physical measurements or counts, including dimensions, tolerances, variances, and weights(See Figures Appendix for example of use of C001)

Syntax Notes:

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

Semantic Notes:

Comments:

- 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
- 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Notes:

1. *Use this 2/MEA/049 segment to provide information that applies to a specific line item. Use the 1/MEA/200 segment to provide information that applies to all of the line items.*
2. *This segment can be used to specify the variations in quantity requested.*
3. *Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.*

Data Element Summary

| Ref. | Data Element | Name | Attributes |
|------|--------------|---|------------|
| X | MEA01 | 737 Measurement Reference ID Code Code identifying the broad category to which a measurement applies | O ID 2/2 |
| | MEA02 | 738 Measurement Qualifier Code identifying a specific product or process characteristic to which a measurement applies <i>Use any code.</i> <i>MX Maximum</i> <i>When MEA01 is code OL, use to indicate the maximum amount that can be ordered in a specified period of time.</i> <i>PO Percent of Order (-, +)</i> <i>Use to indicate the variation of quantity permitted when it is expressed as a percent of the quantity ordered. Specify the percent under and/or over in MEA05/06.</i> <i>RY Ratio</i> <i>Use to indicate the proposed share ratio for an incentive or cost sharing contract. Identify the proposed Government share in MEA05 and the proposed contractor share in MEA06.</i> <i>TT Time</i> <i>Use to indicate the length of a warranty period. Specify the number of days, weeks, months or years in MEA03 and the time period in MEA04-C00101.</i> | O ID 1/3 |
| | | 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%) <i>Use to indicate the variation of quantity permitted</i> | |

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

| | | | | | | |
|----|--------|------|--|---|----|------|
| X | MEA03 | 739 | Measurement Value The value of the measurement | X | R | 1/20 |
| | MEA04 | C001 | Composite Unit of Measure To identify a composite unit of measure(See Figures Appendix for examples of use.) <i>1. This composite unit of measure can be used to indicate the maximum that may be ordered during a specified period of time under a requirements or an indefinite quantity type award instrument.</i> <i>2. For example: If the maximum that can be ordered per quarter is 10,000 each, then MEA01 would cite code OL, MEA02 would cite code MX, MEA03 would cite 10,000, MEA04-C00101 would cite code EA and MEA04-C00104 would cite code Q1.</i> | X | | |
| >> | C00101 | 355 | Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>Use any code.</i> | M | ID | 2/2 |
| | | | P1 Percent | | | |
| X | C00102 | 1018 | Exponent Power to which a unit is raised | O | R | 1/15 |
| X | C00103 | 649 | Multiplier Value to be used as a multiplier to obtain a new value | O | R | 1/10 |
| X | C00104 | 355 | Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | O | ID | 2/2 |
| X | C00105 | 1018 | Exponent Power to which a unit is raised | O | R | 1/15 |
| X | C00106 | 649 | Multiplier Value to be used as a multiplier to obtain a new value | O | R | 1/10 |
| X | C00107 | 355 | Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | O | ID | 2/2 |
| X | C00108 | 1018 | Exponent Power to which a unit is raised | O | R | 1/15 |
| X | C00109 | 649 | Multiplier Value to be used as a multiplier to obtain a new value | O | R | 1/10 |
| X | C00110 | 355 | Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | O | ID | 2/2 |
| X | C00111 | 1018 | Exponent Power to which a unit is raised | O | R | 1/15 |
| X | C00112 | 649 | Multiplier Value to be used as a multiplier to obtain a new value | O | R | 1/10 |
| X | C00113 | 355 | Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | O | ID | 2/2 |
| X | C00114 | 1018 | Exponent Power to which a unit is raised | O | R | 1/15 |
| X | C00115 | 649 | Multiplier Value to be used as a multiplier to obtain a new value | O | R | 1/10 |
| | MEA05 | 740 | Range Minimum The value specifying the minimum of the measurement range <i>1. When MEA02 is code PO, use to specify the variation in quantity under.</i> | X | R | 1/20 |

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

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

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

Semantic Notes:

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

Comments:

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

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

Data Element Summary

| Ref. | Data | Name | Attributes |
|-------------|----------------|--|------------------|
| <u>Des.</u> | <u>Element</u> | | |
| >> | PID01 | 349 Item Description Type Code indicating the format of a description F Free-form | M ID 1/1 |
| | PID02 | 750 Product/Process Characteristic Code Code identifying the general class of a product or process characteristic MAC Material Classification Class of material, e.g. prime, secondary, etc. <i>Use to indicate the item cited in the same PO1 loop is a surplus item.</i> | O ID 2/3 |
| X | PID03 | 559 Agency Qualifier Code Code identifying the agency assigning the code values | X ID 2/2 |
| | PID04 | 751 Product Description Code A code from an industry code list which provides specific data about a product characteristic <i>When PID02 is code MAC, cite the classification of the item using the following: Cite the letter "N" for new/unused, cite the letter "R" for new/reconditioned, cite the letter "M" for new/modified, or cite the letter "O" for used/overhauled.</i> | X AN 1/12 |
| | PID05 | 352 Description A free-form description to clarify the related data elements and their content <i>1. Use to provide additional information applicable to a line item.</i> <i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i> | X AN 1/80 |
| X | PID06 | 752 Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described | O ID 2/2 |
| X | PID07 | 822 Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier | O AN 1/15 |
| X | PID08 | 1073 Yes/No Condition or Response Code Code indicating a Yes or No condition or response | O ID 1/1 |

Segment: **PKG** Marking, Packaging, Loading
Position: 080
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 25
Purpose: To describe marking, packaging, loading, and unloading requirements
Syntax Notes:

- 1 At least one of PKG04 PKG05 or PKG06 is required.
- 2 If PKG04 is present, then PKG03 is required.
- 3 If PKG05 is present, then PKG01 is required.

Semantic Notes:

- 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 this 2/PKG/080 segment if the packaging requirements apply to a specific line item. Use the 2/PKG/530 segment if the packaging requirements apply to a named entity.*
2. *Packaging information such as the number of items in a unit container, the number of unit containers in an intermediate container, and the gross weight, cube, and dimensions of a unit container or an intermediate container is carried in the 2/PO4/090 segment.*
3. *Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.*

Data Element Summary

| Ref. Des. | Data Element | Name | Attributes |
|-----------|--------------|---|------------|
| PKG01 | 349 | Item Description Type | X ID 1/1 |
| | | Code indicating the format of a description | |
| | | Refer to 003050 Data Element Dictionary for acceptable code values. | |
| PKG02 | 753 | Packaging Characteristic Code | O ID 1/5 |
| | | Code specifying the marking, packaging, loading and related characteristics being described | |
| | | <i>Use the listed codes to identify applicable packaging requirements.</i> | |
| | | CD Cleaning or Drying Procedure | |
| | | CT Cushioning Thickness | |
| | | CUD Cushioning and Dunnage | |
| | | HM Hazardous Material | |
| | | IC Intermediate Container | |
| | | LP Level Of Preservation | |
| | | OPI Optional Procedure Indicator | |
| | | PK Packing | |
| | | <i>When the packing code associated with this Packaging Characteristic Code is a three position code; the first position signifies Level A packing for overseas shipments via surface; the second position signifies Level B packing for overseas shipments via freight forwarder, APO/FPO, or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per ASTM D3951 is being proposed, cite MIL-STD 2073-2C code X in PKG04.</i> | |

| | |
|-----|-----------------------|
| PM | Preservation Method |
| PML | Preservation Material |
| SMK | Special Marking |
| UC | Unit Container |
| UCL | Unit Container Level |
| WM | Wrapping Material |

| | | | | | | | |
|----------|--------------|------------|--|-----------------------------|----------|-----------|-------------|
| | PKG03 | 559 | Agency Qualifier Code | | X | ID | 2/2 |
| | | | Code identifying the agency assigning the code values | | | | |
| | | | DF | Department of Defense (DoD) | | | |
| | 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 | | | | |
| | | | <i>The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in ASC X12 Code Source List 197 (which is MIL-STD-2073-2C).</i> | | | | |
| | PKG05 | 352 | Description | | X | AN | 1/80 |
| | | | A free-form description to clarify the related data elements and their content | | | | |
| | | | <i>1. When PKG04 carries a code indicating that the item will be packed differently than required in the solicitation, use to provide an explanation.</i> | | | | |
| | | | <i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i> | | | | |
| X | PKG06 | 400 | Unit Load Option Code | | X | ID | 2/2 |
| | | | Code identifying loading or unloading a shipment | | | | |

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

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

Semantic Notes:
Comments:

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

Notes:

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

Data Element Summary

| Ref. | Data | Name | Attributes |
|-------------|----------------|--|------------|
| <u>Des.</u> | <u>Element</u> | | |
| PO401 | 356 | Pack | O N0 1/6 |
| | | Number of inner pack units per outer pack unit | |
| | | <i>1. Use to identify the unit pack quantity.</i> | |
| | | <i>2. Cite the number 777777 to indicate a bulk quantity (MIL-STD 2073-2C code BLK).</i> | |
| PO402 | 357 | Size | X R 1/8 |
| | | Size of supplier units in pack | |
| | | <i>Use only to identify the size of the individual items within a unit container.</i> | |
| PO403 | 355 | Unit or Basis for Measurement Code | X ID 2/2 |
| | | Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | |
| | | <i>Use any code.</i> | |
| | | Refer to 003050 Data Element Dictionary for acceptable code values. | |
| PO404 | 103 | Packaging Code | O AN 3/5 |
| | | Code identifying the type of packaging; Part 1: Packaging Form, Part 2: | |

Packaging Material
 INT Intermediate Container
 UNT Unit

Used to indicate the unit container.

| | | | | | | |
|---|-------|-----|---|---|----|-----|
| X | PO405 | 187 | Weight Qualifier Code defining the type of weight | O | ID | 1/2 |
| | PO406 | 384 | Gross Weight per Pack Numeric value of gross weight per pack <i>Use this data element to specify the weight of a container. The weight shall be provided to 1 decimal place.</i> | X | R | 1/9 |
| | PO407 | 355 | Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | X | ID | 2/2 |
| X | PO408 | 385 | Refer to 003050 Data Element Dictionary for acceptable code values. Gross Volume per Pack Numeric value of gross volume per pack | X | R | 1/9 |
| X | PO409 | 355 | Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | X | ID | 2/2 |
| | PO410 | 82 | Length Largest horizontal dimension of an object measured when the object is in the upright position | O | R | 1/8 |
| | PO411 | 189 | Width Shorter measurement of the two horizontal dimensions measured with the object in the upright position | O | R | 1/8 |
| | PO412 | 65 | Height Vertical dimension of an object measured when the object is in the upright position <i>Use to specify the depth of a container.</i> | O | R | 1/8 |
| | PO413 | 355 | Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>Use any code.</i> | X | ID | 2/2 |
| | PO414 | 810 | Refer to 003050 Data Element Dictionary for acceptable code values. Inner Pack Number of units in each selling pack <i>Use to specify the quantity of unit containers in an intermediate container.</i> | O | N0 | 1/6 |

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

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

Data Element Summary

| Ref. Des. | Data Element | Name | Attributes |
|-----------|--------------|---|------------|
| >> REF01 | 128 | Reference Number Qualifier | M ID 2/2 |
| | | Code qualifying the Reference Number. | |
| | | <i>When codes CT or W6 are used, one iteration of the 2/DTM/200 segment is REQUIRED. Use code 036 (Expiration) in DTM01 and provide the expiration date of the cited schedule or contract in DTM02.</i> | |
| | | C7 Contract Line Item Number | |
| | | CH Customer catalog number | |
| | | CT Contract Number | |
| | | <i>Use to indicate a contract or agreement other than a Federal Supply Schedule from which the quoted item can be ordered. Enter the contract number in REF02 and explain the nature of the contract in REF03 if necessary. The expiration date of the contract must be specified in the DTM segment.</i> | |
| | | DG Drawing Number | |
| | | <i>If a revision number and/or date must be cited for the drawing number, concatenate the revision number with the drawing number and provide the date in REF03.</i> | |
| | | IJ Standard Industry Classification (SIC) Code | |
| | | <i>Use to indicate an exception is being taken to the Standard Industry Classification (SIC) code applicable to the solicitation. When used, the bidder should cite the SIC code considered appropriate.</i> | |
| | | IX Item Number | |
| | | <i>Use to indicate a Federal supply schedule (FSS) special item number.</i> | |
| | | LX Qualified Products List | |
| | | <i>Use to indicate the Qualified Products List (QPL) number where the quoted item can be found.</i> | |
| | | NI Military Standard (MIL-STD) Number | |
| | | P4 Project Code | |
| | | QC Product Specification Document Number | |
| | | Model designation of replacement component | |
| | | S2 Military Specification Number (MILSPEC) | |
| | | S3 Specification Number | |
| | | <i>Use to indicate a specification number other than a</i> | |

MIL-SPEC. When used, identify the specification in REF03.

TN Transaction Reference Number
Use to indicate a unique reference number for a related transaction set.

TP Test Specification Number

VW Standard
Use to indicate a standard other than a MIL-STD. When used, identify the standard in REF03.

W6 Federal Supply Schedule Number
 Identifies an item with a two-digit group number, two-digit part number, and one-character section letter
Use to indicate a Federal Supply Schedule in which the quoted item can be found and provide the Schedule number in REF02. The expiration date MUST be noted in the DTM segment.

ZZ Mutually Defined
Use to indicate another type of reference number. When used, identify the nature of the number in REF03.

| | | | |
|--------------|------------|--|------------------|
| REF02 | 127 | Reference Number | X AN 1/30 |
| | | Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. <i>If a document has a revision, the document number and the revision number should be concatenated and cited in this data element.</i> | |
| REF03 | 352 | Description | X AN 1/80 |
| | | A free-form description to clarify the related data elements and their content <i>1. Use, if necessary, to carry additional information applicable to a reference number cited in REF02.</i> <i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i> | |

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

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

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

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

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

Data Element Summary

| Ref. | Data Element | Name | Attributes |
|----------|--------------|---|------------|
| >> SAC01 | 248 | Allowance or Charge Indicator | M ID 1/1 |
| | | C Charge | |
| | | N No Allowance or Charge | |
| | | <i>Use to indicate there is no charge for the service specified SAC02.</i> | |
| SAC02 | 1300 | Service, Promotion, Allowance, or Charge Code | X ID 4/4 |
| | | Code identifying the service, promotion, allowance, or charge | |
| | | <i>1. Any code may be used but the listed codes are preferred.</i> | |
| | | <i>2. As a minimum, the codes listed in the solicitation must be used to identify whether or not there is a charge.</i> | |
| | | <i>B180 Cleaning Charge</i> | |
| | | <i>B610 Container Service Charge USA/Canada</i> | |
| | | <i>Use to indicate a reusable container.</i> | |

B870 Customs Charge
C240 Disconnect Charge
C330 Distribution Fee
C370 Diversion Charge
C880 Expediting Premium
D500 Handling
D530 Hazardous Cargo Charge
D660 Hook-up charge
D820 Inside Delivery
D870 Inspection
D890 Installation and Training
D900 Installation
E340 Less Than Truckload (LTL) Charge
Use to indicate a charge for a less than carload or truckload delivery.

E400 Loading (Labor Charges)
F150 Packaging Service
F460 Postage
F560 Premium Transportation
F830 Proof of Delivery
Use to indicate a charge for the preparation of a DD Form 250.

G030 Reconnect charge
G350 Rents and Leases
G470 Restocking Charge
G530 Rework
G580 Royalties
G660 Scrap Allowance
G740 Service Charge
G760 Set-up
H170 Special Tooling Charge
H430 Storage
H540 Supplemental Items
Use to indicate the amount for Contractor Acquired Parts (CAP).

H550 Surcharge
H850 Tax
Use to indicate total taxes applicable to the line item amount that are included in the unit prices.

H990 Testing Services Charge
I260 Transportation Direct Billing
Use to indicate the amount for pre-paid transportation charges that will be added to an invoice.

I380 Unloading (Labor Charges)
I590 Warranties

H850 Tax
Use to indicate total taxes applicable to the line item amount that are included in the unit prices.

H990 Testing Services Charge
I260 Transportation Direct Billing
Use to indicate the amount for pre-paid transportation charges that will be added to an invoice.

I380 Unloading (Labor Charges)

1590 Warranties

| | | | | | | | |
|---|-------|------|--|----------------|---|----|------|
| | | | B870 | Customs Charge | | | |
| | | | D500 | Handling | | | |
| | | | D870 | Inspection | | | |
| X | SAC03 | 559 | Agency Qualifier Code | | X | ID | 2/2 |
| | | | Code identifying the agency assigning the code values | | | | |
| X | 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 | | | | |
| | SAC06 | 378 | Allowance/ Charge Percent Qualifier | | X | ID | 1/1 |
| | | | Code indicating on what basis allowance or charge percent is calculated | | | | |
| | | | <i>Use any code.</i> | | | | |
| | | | Refer to 003050 Data Element Dictionary for acceptable code values. | | | | |
| | SAC07 | 332 | Percent | | X | R | 1/6 |
| | | | Percent expressed as a percent | | | | |
| | | | <i>Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).</i> | | | | |
| | SAC08 | 118 | Rate | | O | R | 1/9 |
| | | | Rate expressed in the standard monetary denomination for the currency specified | | | | |
| | 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 | | | | |
| | | | <i>An application program conversion table may be required to convert agency codes to X12 codes.</i> | | | | |
| | | | Refer to 003050 Data Element Dictionary for acceptable code values. | | | | |
| | SAC10 | 380 | Quantity | | X | R | 1/15 |
| | | | Numeric value of quantity | | | | |
| | | | <i>If applicable, use to identify the quantity to which the amount in SAC05 applies. SAC10/11 can be used together to specify a quantity range to which the amount in SAC05 applies.</i> | | | | |
| | SAC11 | 380 | Quantity | | O | R | 1/15 |
| | | | Numeric value of quantity | | | | |
| X | SAC12 | 331 | Allowance or Charge Method of Handling Code | | O | ID | 2/2 |
| | | | Code indicating method of handling for an allowance or charge | | | | |
| X | 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. | | | | |
| X | SAC14 | 770 | Option Number | | O | AN | 1/20 |
| | | | A unique number identifying available promotion or allowance options when more than one is offered | | | | |
| X | SAC15 | 352 | Description | | O | AN | 1/80 |
| | | | A free-form description to clarify the related data elements and their content | | | | |

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

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

Semantic Notes:

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

Comments:
Notes:

1. Use this 2/FOB/180 segment when the FOB point and acceptance location applies to a specific line item. Use the 1/FOB/080 segment to specify an FOB point and acceptance location that applies to all of the line items.
2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

Data Element Summary

| Ref. | Data | Name | Attributes |
|----------|---------|--|------------|
| Des. | Element | | |
| >> FOB01 | 146 | Shipment Method of Payment Code identifying payment terms for transportation charges | M ID 2/2 |
| | | BP Paid by Buyer The buyer agrees to the transportation payment term requiring the buyer to pay transportation charges to a specified location (origin or destination location) <i>Use to indicate a Government Bill of Lading (GBL) will be issued.</i> | |
| | | PP Prepaid (by Seller) <i>Use to indicate that transportation charges are not included in the unit price but are prepaid and are to be added as a separate item on this instrument's invoice. When used, if known, specify the cost in the SAC segment citing code I260 in SAC02.</i> | |
| | | PS Paid by Seller The seller agrees to the transportation payment term requiring the seller to pay transportation charges to a specified location (origin or destination location) <i>Use to indicate transportation charges are included in the unit price.</i> | |
| FOB02 | 309 | Location Qualifier Code identifying type of location <i>Use to indicate the FOB point.</i> | X ID 1/2 |
| | | DE Destination (Shipping) | |
| | | FV Free Alongside Vessel (Free On Board [F.O.B.] Point) | |
| | | OR Origin (Shipping Point) | |
| | | ZZ Mutually Defined <i>Use to indicate another FOB point, i.e., neither at origin nor at destination. Provide the address in the NI loop, citing code KX in N101.</i> | |
| X FOB03 | 352 | Description | O AN 1/80 |

| | | | | | | |
|---|-------|-----|---|---|----|------|
| X | FOB04 | 334 | A free-form description to clarify the related data elements and their content Transportation Terms Qualifier Code Code identifying the source of the transportation terms | O | ID | 2/2 |
| X | 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 <i>Use to identify the acceptance location. This code also identifies the inspection location unless N101 in the 2/N1/420 loop is code L1.</i> DE Destination (Shipping) OR Origin (Shipping Point) ZZ Mutually Defined <i>Use to indicate the acceptance point is neither at origin nor at destination. Provide the address in the N1 loop, using code KZ in N101.</i> | X | ID | 1/2 |
| X | FOB07 | 352 | Description A free-form description to clarify the related data elements and their content | O | AN | 1/80 |
| X | FOB08 | 54 | Risk of Loss Qualifier Code specifying where responsibility for risk of loss passes | O | ID | 2/2 |
| X | FOB09 | 352 | Description A free-form description to clarify the related data elements and their content | X | AN | 1/80 |

Segment: **DTM** Date/Time Reference
Position: 200
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM06 is required.
2 If either DTM06 or DTM07 is present, then the other is required.

Semantic Notes:
Comments:
Notes: 1. Use this 2/DTM/200 segment when dates apply to a specific line item. If the dates apply to all of the line items, use the 1/DTM/150 segment.

2. Use this segment for delivery information when the quoted delivery can be specified as an actual date. If the quoted delivery schedule is expressed as a set time period after the occurrence of some event, use the 2/LDT/394 loop or the 2/LDT/ 550 loop if the delivery schedule is applicable to a named entity.

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

Data Element Summary

| Ref. | Data | Name | Attributes |
|-------------|----------------|---|-------------------|
| <u>Des.</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
| >> DTM01 | 374 | Date/Time Qualifier Code specifying type of date or time, or both date and time 017 Estimated Delivery 036 Expiration Date coverage expires <i>Use this code to indicate the expiration date of a Federal Supply Schedule or contract. This relates to the information provided in the 2/REF/100 segment, specifically for codes CT, or W6, in REF01.</i> 069 Promised for Delivery <i>Use to indicate the exact date when the offeror proposes to make delivery.</i> | M ID 3/3 |
| DTM02 | 373 | Date Date (YYMMDD) | X DT 6/6 |
| DTM03 | 337 | Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) <i>If applicable, use to indicate the time for a delivery.</i> | X TM 4/8 |
| DTM04 | 623 | Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow CT Central Time ET Eastern Time GM Greenwich Mean Time LT Local Time MT Mountain Time PT Pacific Time | O ID 2/2 |
| DTM05 | 624 | Century | 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 | | | |
| | | <i>1. Use any code.</i> | | | |
| | | <i>2. Use to qualify a date when it is necessary to express the date in other than YYMMDD format. Use also, to qualify a range of dates or times.</i> | | | |
| | | Refer to 003050 Data Element Dictionary for acceptable code values. | | | |
| DTM07 | 1251 | Date Time Period | X | AN | 1/35 |
| | | Expression of a date, a time, or range of dates, times or dates and times | | | |
| | | <i>Use to identify a time range for deliveries on a specified date, e.g., use code RTM in DTM06 to qualify a delivery range for March 30, 1995 between 1:00 PM and 4:00 PM local time. Use DTM01/02 to convey the March 30, 1995 date.</i> | | | |

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

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

Semantic Notes:

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

Notes: 1. *Use this 2/TD5/250 segment to identify the transportation method that is applicable to a specific line item. Use the 2/TD5/500 segment if the transportation method for the line item applies to a named entity.*

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

Data Element Summary

| Ref. | <u>Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Attributes</u> |
|---|-------------|---------------------|---|-------------------|
| X | TD501 | 133 | Routing Sequence Code Code describing the relationship of a carrier to a specific shipment movement | O ID 1/2 |
| X | TD502 | 66 | Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) | X ID 1/2 |
| X | TD503 | 67 | Identification Code Code identifying a party or other code | X AN 2/20 |
| | TD504 | 91 | Transportation Method/Type Code Code specifying the method or type of transportation for the shipment <i>Use any code.</i> | X ID 1/2 |
| D Parcel Post | | | | |
| <i>Use to indicate the US Postal Service and not a private carrier.</i> | | | | |
| Refer to 003050 Data Element Dictionary for acceptable code values. | | | | |
| X | TD505 | 387 | Routing Free-form description of the routing or requested routing for shipment, or the originating carrier's identity | X AN 1/35 |
| X | 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 |
| X | TD507 | 309 | Location Qualifier Code identifying type of location | O ID 1/2 |
| X | TD508 | 310 | Location Identifier Code which identifies a specific location | X AN 1/30 |
| X | TD509 | 731 | Transit Direction Code The point of origin and point of direction | O ID 2/2 |
| X | TD510 | 732 | Transit Time Direction Qualifier Code specifying the value of time used to measure the transit time | O ID 2/2 |
| X | TD511 | 733 | Transit Time The numeric amount of transit time | X R 1/4 |
| | TD512 | 284 | Service Level Code | X ID 2/2 |

Code defining service

Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

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

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

Semantic Notes:
Comments:

Notes:
1. Use this 2/TD4/270 segment to provide special handling or hazardous material information that applies to a specific line item. Use the 2/TD4/520 segment when the information applies to a named entity.

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

Data Element Summary

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

Segment: **MSG** Message Text
Position: 289
Loop: PO1
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To provide a free form format that would allow the transmission of text information.
Syntax Notes:
Semantic Notes:
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes: 1. *Use this segment to provide, in plain text, information not associated with a lead time, clause or address.*
2. *Use of free form text is discouraged if the information can be provided by some other means within the transaction set.*

Data Element Summary

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

Segment: **SPI** Specification Identifier
Position: 291
Loop: PO1
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To provide a description of the included specification or technical data items
Syntax Notes: 1 If either SPI02 or SPI03 is present, then the other is required.
Semantic Notes:
Comments:
Notes: *Use this segment to identify those elements of the quote that have a government security classification or commercial protection level.*

Data Element Summary

| Ref. | Data | Name | Attributes |
|-------------|----------------|---|-------------------|
| <u>Des.</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
| >> SPI01 | 786 | Security Level Code Code indicating the level of confidentiality assigned by the sender to the information following <i>Use to identify the level of government security classification or commercial protection level applicable to the items identified in SPI02/03. If the item has both a government security classification and a commercial protection level, cite the government security classification in this data element and cite the commercial protection level in SPI09.</i> 06 Supplier Proprietary 11 Competition Sensitive | M ID 2/2 |
| SPI02 | 128 | Reference Number Qualifier Code qualifying the Reference Number. <i>1. Use to identify items within the transaction set that are either government classified, e.g., drawing number, SOW, or those items that have a commercial protection level assigned by the offeror. Use SPI04 to further define the number or to describe the item cited in SPI03, if necessary.</i> <i>2. Use any code.</i> <i>91 Cost Element</i> <i>Use to indicate cost or price data, e.g., unit price, labor rate, overhead rate, etc. When this code is used, cite the number to which the protection level applies in SPI03 and use SPI04 to define the number.</i> <i>DD Document Identification</i> <i>Use to indicate an Engineering Data List.</i> Refer to 003050 Data Element Dictionary for acceptable code values. | X ID 2/2 |
| SPI03 | 127 | Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. | X AN 1/30 |
| SPI04 | 790 | Entity Title Title of the data entity <i>Use only if necessary to further define the number in SPI03.</i> | O AN 1/132 |
| X SPI05 | 791 | Entity Purpose The reason for the existence of the data item specified by the electronic data item independent of its presence in an EDI transaction | O AN 1/80 |
| X SPI06 | 792 | Entity Status Code Code indicating the current status of the data item specified by the electronic data item | O ID 1/1 |
| X SPI07 | 353 | Transaction Set Purpose Code Code identifying purpose of transaction set | O ID 2/2 |
| X SPI08 | 755 | Report Type Code | O ID 2/2 |

| | | | | | | |
|----------|--------------|-------------|---|----------|-----------|-------------|
| | | | Code indicating the title or contents of a document, report or supporting item | | | |
| | SPI09 | 786 | Security Level Code | O | ID | 2/2 |
| | | | Code indicating the level of confidentiality assigned by the sender to the information following | | | |
| | | | <i>When SPI01 is code 92, 93, or 94, use to identify the commercial protection level assigned to the item identified in SPI03, if applicable.</i> | | | |
| | | | 06 Supplier Proprietary | | | |
| | | | 11 Competition Sensitive | | | |
| X | SPI10 | 559 | Agency Qualifier Code | O | ID | 2/2 |
| | | | Code identifying the agency assigning the code values | | | |
| X | SPI11 | 822 | Source Subqualifier | O | AN | 1/15 |
| | | | A reference that indicates the table or text maintained by the Source Qualifier | | | |
| X | SPI12 | 554 | Assigned Number | O | N0 | 1/6 |
| | | | Number assigned for differentiation within a transaction set | | | |
| X | SPI13 | 1322 | Certification Type Code | O | ID | 1/1 |
| | | | Code indicating the type of certification | | | |
| X | SPI14 | 1401 | Proposal Data Detail Identifier Code | O | ID | 1/3 |
| | | | Code identifying the basis of a cited value in a proposal | | | |

Segment: **LDT** Lead Time
Position: 394
Loop: LDT
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify lead time for availability of products and services
Syntax Notes:
Semantic Notes: 1 LDT04 is the effective date of lead time information.
Comments: 1 LDT02 is the quantity of unit of time periods.
Notes: 1. Use this 2/LDT/394 loop when the quote delivery schedule is a set time period after the occurrence of some event and varies by line item. If the quote delivery schedule is applicable to a named entity, use the 2/LDT/550 loop. If this segment is used, the 2/DTM/200 segment is not used.

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

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

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

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

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

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

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

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

Data Element Summary

| Ref. | Data | Name | Attributes |
|-------------|----------------|--|------------|
| <u>Des.</u> | <u>Element</u> | | |
| >> | LDT01 | 345 Lead Time Code Code indicating the time range | M ID 2/2 |
| | | AJ From Date of First Delivery to Date of Subsequent Delivery(ies) | |
| | | AW From Date of Award to Date of Earliest Delivery | |
| | | AX From Date of Award to Date of Completion | |
| | | AY From Date of Award to Date of Delivery | |
| >> | LDT02 | 380 Quantity Numeric value of quantity | M R 1/15 |
| >> | LDT03 | 344 Unit of Time Period or Interval Code indicating the time period or interval | M ID 2/2 |

LDT04 **373** DA Calendar Days **O DT 6/6**
Date
Date (YYMMDD)
Use, as applicable, to cite the effective date of a lead time. For example, the start date of the cited activity.

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

1. Use this segment to specify the quantity that is to be delivered in accordance with the quote delivery schedule. The deliverable quantity can be expressed as a discrete quantity or a quantity per time period, e.g., 1000 per month. To indicate a delivery rate per time period, cite in QTY02 the quantity to be delivered and cite in QTY03 the time period, e.g., days, weeks, months, quarters, years.

2. Use also to indicate the length of a delivery period, e.g., 4 quarters or the number of shipments.

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

Data Element Summary

| Ref. | Data Element | Name | Attributes |
|------|--------------|--|------------|
| >> | QTY01 | 673 Quantity Qualifier Code specifying the type of quantity | M ID 2/2 |
| | | 1J Due The amount due to the customer <i>Use to indicate the quantity to be delivered.</i> | |
| | | 1K Time Units The number of time units such as 8 (hours) <i>Use to indicate the length of the delivery period.</i> | |
| | | SA Shipments <i>Use to indicate the number of shipments proposed to complete the deliverable quantity.</i> | |
| >> | QTY02 | 380 Quantity Numeric value of quantity | M R 1/15 |
| | | 1. When QTY01 is code 1J, cite the quantity to be delivered. | |
| | | 2. When QTY01 is code 1K, cite the length of the delivery period in this data element, e.g., 4 and in QTY03 identify the time measurement of the delivery period, e.g., months. | |
| | QTY03 | 355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>Use any code. The following have been defined to have specific uses based on code in QTY01.</i> | O ID 2/2 |
| | | DA Days <i>When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.</i> | |
| | | MO Months <i>When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.</i> | |
| | | Q1 Quarter (Time) | |

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

WK

Week

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

YR

Years

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

Segment: **MSG** Message Text
Position: 396
Loop: LDT
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To provide a free form format that would allow the transmission of text information.
Syntax Notes:
Semantic Notes:
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes: 1. *When LDT01 is code AI, use to identify the specified event.*
2. *Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.*

Data Element Summary

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

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

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

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

Comments:

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

Data Element Summary

| Ref. Des. | Data Element | Name | Attributes | | |
|--------------|-----------------|---|------------|----|-----|
| | | | M | ID | 2/2 |
| >> N901 | 128 | Reference Number Qualifier | | | |
| | | Code qualifying the Reference Number. | | | |
| | | BB Authorization Number | | | |
| | | Proves that permission was obtained to provide a service | | | |
| | | <i>Use to indicate the Code of Federal Regulations.</i> | | | |
| | | CJ Clause Number | | | |
| | | <i>Use to indicate a purchasing activity clause (i.e., a clause not found in FAR/DFARS, etc.). Identify the purchasing activity issuing the clause in N903.</i> | | | |
| | | DF Defense Federal Acquisition Regulations (DFAR) | | | |
| | | DX Department/Agency Number | | | |
| | | <i>Use to indicate an Agency Clause and identify the agency in N903.</i> | | | |
| | | EC Circular | | | |
| | | <i>Use to indicate an Office of Management and Budget (OMB) Circular number.</i> | | | |
| | | FA Federal Acquisition Regulations (FAR) | | | |
| | | KR Response to a Request for Quotation Reference | | | |
| | | A discrete number assigned for identification purpose to a response to a request for quotation | | | |
| | | <i>Use to indicate fill-in information required by the number cited in N902 is being provided in the following MSG segment.</i> | | | |
| | | KT Request for Quotation Reference | | | |

Segment: **MSG** Message Text
Position: 410
Loop: N9
Level: Detail
Usage: Optional
Max Use: 1000
Purpose: To provide a free form format that would allow the transmission of text information.
Syntax Notes:
Semantic Notes:
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes: 1. *This segment will only be used when the clause pertains to a particular line item only.*

2. *Use this segment when N901 is code KR to provide a certification, representation or fill-in information required by the clause or paragraph number cited in N902; when N901 is code L1 to provide general comments or notes; or when N901 is code KT to identify exceptions being taken to some portion of the solicitation.*

3. *When providing a certification, representation or fill-in information, the clause title, if cited, and the alternate identifier and date, if applicable, will be the first data provided. This data will be followed by a numeric designation of the number of data items being provided. Each data item will be preceded by the paragraph or section identifier in the clause where the certification, representation or fill-in information is to be inserted (if identifiers are included in the clause). If there is no paragraph or section designator, the required information will immediately follow the numeric designation of the data items being provided. If the information to be provided is to be selected from provided responses within the clause, cite the information that is selected.*

4. *A pipe sign (|) will be inserted after each data item. As an example, the information required by FAR 52.204-3 would be provided as follows:*

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

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

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

In the second example, the name of the offeror and the solicitation number (required by the clause) are provided elsewhere within the transaction set therefore are not repeated in the certification.

5. *Use this segment to provide information essential to the quote.*

Data Element Summary

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

Segment: N1 Name
Position: 420
Loop: N1
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 2 N105 and N106 further define the type of entity in N101.
Notes: 1. *Use this 2/N1/420 loop to provide address information related to a specific line item. Use the 1/N1/310 loop to provide address information that is applicable to all of the line items.*
 2. *Whenever possible, identification and address information should be provided using N101, N103, and N104. Use N102 and segment N2 through N4 as applicable when address information cannot be provided using one of the codes listed in N103.*
 3. *Use this segment to provide information essential to the quote.*

Data Element Summary

| Ref. | Data | Name | Attributes |
|---------|---------|---|------------|
| Des. | Element | | |
| >> N101 | 98 | Entity Identifier Code | M ID 2/2 |
| | | Code identifying an organizational entity, a physical location, or an individual | |
| | | 31 Postal Mailing Address | |
| | | 61 Performed At | |
| | | The facility where work was performed | |
| | | <i>Use to indicate the proposed place of performance when it is other than the offeror's mailing address.</i> | |
| | | 7M Inspection and Acceptance Location | |
| | | IC Intermediate Consignee | |
| | | <i>When FOB02 is code IT, use to indicate a freight forwarder.</i> | |
| | | IS Party to Receive Certified Inspection Report | |
| | | KG Project Manager | |
| | | The address of the person responsible for the management of a designated project | |
| | | <i>Use to indicate the party responsible for a project to include the advisor under a Grant.</i> | |
| | | KH Organization Having Source Control | |
| | | Organization controlling the design and manufacturing process of a product | |
| | | <i>When BQR06 is code AB, use to identify the organization having source control of the product offered.</i> | |
| | | KX Free on Board Point | |
| | | <i>When FOB02 is code ZZ, use to indicate an FOB point other than at origin or destination.</i> | |
| | | KY Technical Office | |
| | | KZ Acceptance Location | |
| | | <i>Use to indicate the acceptance location is proposed at other than origin or destination.</i> | |
| | | L1 Inspection Location | |

| | | | | | | | |
|----------|-------------|------------|---|---|----------|-----------|-------------|
| | | | MF | Place where the item was viewed or inspected Manufacturer of Goods <i>Use either to identify the actual manufacturer of the item if not the offeror or if a qualification requirement applied to the solicited item to specify the manufacturer that has already met the qualification requirement.</i> | | | |
| | | | ST | Ship To <i>Use this code when a different delivery schedule associated with a named entity is being proposed. If the ship-to address is an FPO or APO, cite the FPO or APO zip code in N104 and cite code AR in N405.</i> | | | |
| | | | X2 | Party to Perform Packaging A party responsible for packaging an item after it has been produced | | | |
| | N102 | 93 | Name | | X | AN | 1/35 |
| | | | Free-form name | | | | |
| | N103 | 66 | Identification Code Qualifier | | X | ID | 1/2 |
| | | | Code designating the system/method of code structure used for Identification Code (67) <i>While the federal EDI program uses the DUNS number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions.</i> | | | | |
| | | | 10 | Department of Defense Activity Address Code (DODAAC) <i>Use to indicate a DoD or Civilian Agency Activity Address Code.</i> | | | |
| | | | 33 | Commercial and Government Entity (CAGE) <i>Use to indicate a commercial entity. If the commercial entity does not have a CAGE code, use code ZC.</i> | | | |
| | N104 | 67 | Identification Code | | X | AN | 2/20 |
| | | | Code identifying a party or other code | | | | |
| X | N105 | 706 | Entity Relationship Code | | O | ID | 2/2 |
| | | | Code describing entity relationship | | | | |
| X | N106 | 98 | Entity Identifier Code | | O | ID | 2/2 |
| | | | Code identifying an organizational entity, a physical location, or an individual | | | | |

Segment: **N2** Additional Name Information
Position: 430
Loop: N1
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:
Notes: *This segment is not necessary when the entity cited in N101 is described by a code in N103/N104. No more than one iteration of this N2 segment is allowed per address.*

Data Element Summary

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

Segment: **N3** Address Information
Position: 440
Loop: N1
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes:

This segment is not necessary when the entity cited in N101 is described by a code in N103/N104. No more than one iteration of this N2 segment is allowed per address.

Data Element Summary

| | Ref. | Data | Name | Attributes |
|----|-------------|----------------|---|-------------------|
| | Des. | Element | | |
| >> | N301 | 166 | Address Information Address information | M AN 1/35 |
| | N302 | 166 | Address Information Address information | O AN 1/35 |

Segment: **N4 Geographic Location**
Position: 450
Loop: N1
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
 2 N402 is required only if city name (N401) is in the USA or Canada.
Notes: *This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.*

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Attributes</u> |
|-------------|-------------|--|-------------------|
| N401 | 19 | City Name Free-form text for city name | O AN 2/30 |
| N402 | 156 | State or Province Code Code (Standard State/Province) as defined by appropriate government agency | O ID 2/2 |
| N403 | 116 | Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States) | O ID 3/11 |
| N404 | 26 | Country Code Code identifying the country | O ID 2/3 |
| N405 | 309 | Location Qualifier Code identifying type of location AR Armed Services Location Designation <i>Use to indicate an Army Post Office (APO) or Fleet Post Office (FPO).</i> | X ID 1/2 |
| N406 | 310 | Location Identifier Code which identifies a specific location AA Miami AE New York AP San Francisco | O AN 1/30 |

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

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

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

Data Element Summary

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

Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.

PER06 364 Communication Number X AN 1/80
 Complete communications number including country or area code when applicable

PER07 365 Communication Number Qualifier X ID 2/2
 Code identifying the type of communication number
Use to identify a third communications number for the party cited in PER02.

AU Defense Switched Network
 Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)

EM Electronic Mail
 EX Telephone Extension
 FX Facsimile
 IT International Telephone
 TE Telephone

Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.

PER08 364 Communication Number X AN 1/80
 Complete communications number including country or area code when applicable

PER09 443 Contact Inquiry Reference O AN 1/20
 Additional reference number or description to clarify a contact number
Use, if necessary, to provide the title of the individual cited in PER02.

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

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

Semantic Notes:

Comments:

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

Notes:

1. Use this 2/TD5/500 segment when the transportation method is applicable to a named entity for a specific line item.

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

Data Element Summary

| Ref. | <u>Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Attributes</u> |
|---|-------------|---------------------|---|-------------------|
| X | TD501 | 133 | Routing Sequence Code Code describing the relationship of a carrier to a specific shipment movement | O ID 1/2 |
| X | TD502 | 66 | Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) | X ID 1/2 |
| X | TD503 | 67 | Identification Code Code identifying a party or other code | X AN 2/20 |
| | TD504 | 91 | Transportation Method/Type Code Code specifying the method or type of transportation for the shipment <i>Use any code.</i> | X ID 1/2 |
| D Parcel Post | | | | |
| <i>Use to indicate the US Postal Service and not a private carrier.</i> | | | | |
| Refer to 003050 Data Element Dictionary for acceptable code values. | | | | |
| X | TD505 | 387 | Routing Free-form description of the routing or requested routing for shipment, or the originating carrier's identity | X AN 1/35 |
| X | 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 |
| X | TD507 | 309 | Location Qualifier Code identifying type of location | O ID 1/2 |
| X | TD508 | 310 | Location Identifier Code which identifies a specific location | X AN 1/30 |
| X | TD509 | 731 | Transit Direction Code The point of origin and point of direction | O ID 2/2 |
| X | TD510 | 732 | Transit Time Direction Qualifier Code specifying the value of time used to measure the transit time | O ID 2/2 |
| X | TD511 | 733 | Transit Time The numeric amount of transit time | X R 1/4 |
| | TD512 | 284 | Service Level Code Code defining service | X ID 2/2 |

Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

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

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

Semantic Notes:
Comments:

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

Data Element Summary

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

Segment: **PKG** Marking, Packaging, Loading
Position: 530
Loop: N1
Level: Detail
Usage: Optional
Max Use: 25
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 PKG03 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 this 2/PKG/530 segment to identify packaging requirements applicable to a named entity for a specific line item.*
2. *Packaging information such as the number of items in a unit container, the number of unit containers in an intermediate container, and the gross weight, cube, and dimensions of a unit container or an intermediate container is carried in the 2/PO4/090 segment.*
3. *Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.*

Data Element Summary

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Attributes</u> |
|------------------|---------------------|---|-------------------|
| PKG01 | 349 | Item Description Type Code indicating the format of a description Refer to 003050 Data Element Dictionary for acceptable code values. | X ID 1/1 |
| PKG02 | 753 | Packaging Characteristic Code Code specifying the marking, packaging, loading and related characteristics being described <i>Use the listed codes to identify applicable packaging requirements.</i> | O ID 1/5 |
| | | CD Cleaning or Drying Procedure | |
| | | CT Cushioning Thickness | |
| | | CUD Cushioning and Dunnage | |
| | | HM Hazardous Material | |
| | | IC Intermediate Container | |
| | | LP Level Of Preservation | |
| | | OPI Optional Procedure Indicator | |
| | | PK Packing <i>When the packing code associated with this Packaging Characteristic Code is a three position code; the first position signifies Level A packing for overseas shipments via surface; the second position signifies Level B packing for overseas shipments via freight forwarder, APO/FPO, or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per ASTM D3951 is being proposed, cite MIL-STD 2073-2C code X in PKG04.</i> | |
| | | PM Preservation Method | |

PML Preservation Material
 SMK Special Marking
 UC Unit Container
 UCL Unit Container Level
 WM Wrapping Material

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

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

Data Element Summary

| Ref. | Data Element | Name | Attributes |
|------|--------------|--|------------------|
| >> | CTT01 | 354 Number of Line Items Total number of line items in the transaction set <i>Use to identify the total number of PO1 segments.</i> | 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. <i>This is the sum of the quantities (PO102) for all PO1 segments.</i> | O R 1/10 |
| X | CTT03 | 81 Weight Numeric value of weight | X R 1/10 |
| X | CTT04 | 355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | X ID 2/2 |
| X | CTT05 | 183 Volume Value of volumetric measure | X R 1/8 |
| X | CTT06 | 355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | X ID 2/2 |
| X | CTT07 | 352 Description A free-form description to clarify the related data elements and their content | O AN 1/80 |

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

Data Element Summary

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

Segment: **SE** Transaction Set Trailer
Position: 020
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Syntax Notes:

Semantic Notes:

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

Data Element Summary

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