



Special Publication 881-26

Federal Implementation Guideline for Electronic Data Interchange

ASC X12 003050 Transaction Set 251 Pricing Support

Implementation Convention



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

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Federal Implementation Guideline for Electronic Data Interchange

ASC X12 003050 Transaction Set 251 Pricing Support

Implementation Convention

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

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Reports on Information Technology

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

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Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Pricing Support Transaction Set (251) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to request or transmit budget or actual data for labor and overhead rates, factors, and other supporting data for a specified period of time. This bi-directional transaction set can stand alone, or can be used to support the Contract Pricing Proposal (805) Transaction Set.

Notes:

1. This transaction set is used by a contractor to provide "supporting cost or pricing data" or "information other than cost or pricing data" to a contracting officer.

2. All numbers cited in this transaction set shall be transmitted as a continuous number without extraneous characters except where such characters are a part of the number.

Heading:

Must Use	P os. <u>No.</u> 010	Seg. <u>ID</u> ST	<u>Name</u> Transaction Set Header	Req. <u>Des.</u> M	<u>Max.Use</u> l	LoopNotes andRepeatComments
Must Use	020	BGN	Beginning Segment	М	1	
Must Use	030	SPI	Specification Identifier	М	1	nl
	040	REF	Reference Numbers	О	>1	
	050	DTM	Date/Time Reference	О	>1	
	060	CUR	Currency	О	>1	
Must Use	070	MSG	Message Text	О	>1	
			LOOP ID - N1			. >1
	080	Nl	Name	0	1	n2
	090	N2	Additional Name Information	О	2	
	100	N3	Address Information	0	2	
	100					
	110	N4	Geographic Location	0	1	
N/U			Geographic Location Reference Numbers	0 0	1 >1	
N/U	110	N4			1 >1 5	

Detail:

	Pos. No.	Seg. <u>ID</u>	Name	Reg. <u>Des.</u>	Max.Use	Loop <u>Repeat</u>	Notes and <u>Comments</u>
			LOOP ID - PPL			>1	
	010	PPL	Price Support Data	0	1		n3
Must Use	020	REF	Reference Numbers	О	>1		
			LOOP ID - PD			>1	
	030	PD	Pricing Data	0	1		
	040	PDD	Pricing Data Detail	0	>1		
			LOOP ID - PL			>1	
	050	PL	Proposal Cost Logic	0	1		
	060	REF	Reference Numbers	0	>1		
N/U	070	AMT	Monetary Amount	0	1		

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251 - Prici						
N/U	080	РСТ	Percent Amounts	О	1	
N/U	090	QTY	Quantity	О	1	
	100	NTE	Note/Special Instruction	0	>1	
			LOOP ID - PD	·····		>1
	110	PD	Pricing Data	Ŏ	1	unna en suddear da sudes casada
	120	SP1	Specification Identifier	0	1	
	130	REF	Reference Numbers	О	>1	
	140	PDD	Pricing Data Detail	О	>1	
	150	MSG	Message Text	0	>1	
	160	DTM	Date/Time Reference	О	10	
			LOOP ID - PO1			>1
	170	PO1	Baseline Item Data	0	1	eren erte den er stallen verte set slättelde. n4
	180	PID	Product/Item Description	0	1	
	190	QTY	Quantity	0	>1	
	200	AMT	Monetary Amount	0	>1	
	210	РСТ	Percent Amounts	0	>1	
	220	REF	Reference Numbers	0	>1	
			LOOP ID - LX			>1
	230	LX	Assigned Number	О	1	n5
Must Use	240	QTY	Quantity	М	1	
	250	AMT	Monetary Amount	0	2	
	260	NTE	Note/Special Instruction	0	5	
	270	REF	Reference Numbers	0	1	
	280	DTM	Date/Time Reference	О	1	
			LOOP ID - NI			1
	290	NI	Name	Ŏ	1	erne. John Lähtsker versionen 200
	300	N2	Additional Name Information	О	2	
	310	N3	Address Information	О	2	
	320	N4	Geographic Location	О	1	
Must Use	330	SE	Transaction Set Trailer	М	1	· · · · · · · · · · · · · · · · · · ·

Transaction Set Notes

- 1. The SPI segment identifies the security classification or contractor level of protection for the pricing support, the contract or proposal number against which the pricing support applies, and whether the pricing support is certified.
- 2. When the N1 loop is used, it will carry the name and address of the party to be contacted if clarification about the proposal or requests for additional information concerning the proposal is required.
- 3. The PPL loop identifies the proposal schedules (e.g., G&A expenses, overhead expenses) included in the transaction. PPL01 carries a code that identifies the schedule type, and PPL04 carries a free form description or name of the schedule.
- 4. The PO1 loop provides bill of material and purchase history information.
- 5. The LX loop provides purchase history information.

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:	

	Ref.	Data				
	Des.	Element	Name	Att	ribute	<u>s</u>
Must Use	ST01	143	Transaction Set Identifier Code	Μ	ID	3/3
			Code uniquely identifying a Transaction Set			
			251 X12.288 Pricing Support			
Must Use	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the functional group assigned by the originator for a transaction <i>A unique number assigned by the originator of the transact</i> <i>originator's application program. This number is the same</i> <i>SE02.</i>	on set <i>stion se</i>	et or by	, the

Segment:	BGN Beginning Segment
Position:	020
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the beginning of a transaction set
Syntax Notes:	1 If BGN05 is present, then BGN04 is required.
Semantic Notes:	1 BGN02 is the transaction set reference number.
	2 BGN03 is the transaction set date.
	3 BGN04 is the transaction set time.
	4 BGN05 is the transaction set time qualifier.
	5 BGN06 is the transaction set reference number of a previously sent transaction

affected by the current transaction.

Comments:

	Ref.	Data					
	Des.	Element	Name		Att	ributes	5
Must Use	BGN01	353	Transaction Set P	-	Μ	ID	2/2
			Code identifying pu	rpose of transaction set			
			00	Original			
				Use to indicate an original transmiss	ion of	a Prici	ng
				Support transaction set.			
			01	Cancellation			
				1. Use to indicate a withdrawal of a transmitted Pricing Support transact	-		
			07	2. Do not use to cancel a 251 transac being revised and submitted using co Duplicate		et that	is
			15	Use to indicate a re-transmission of a transmitted Pricing Support transact. Re-Submission	-	•	
				Use to indicate a revision of a previo Pricing Support transaction set. This constitutes a complete overwrite of th transmission.	revisi	on	ted
Must Use	BGN02	127		or identification number as defined for	•		1/30
			A unique number a	as specified by the Reference Number ssigned by the originator of the transac oses in other transaction sets.			
Must Use	BGN03	373	Date Date (YYMMDD)		Μ	DT	6/6
			Use to identify the	origination date of this transaction set.			
	BGN04	337	Time		Χ	ТМ	4/8
			HHMMSSD, or HH 59), S = integer sec are expressed as fo	24-hour clock time as follows: HHMM HMMSSDD, where $H =$ hours (00-23), onds (00-59) and DD = decimal second llows: D = tenths (0-9) and DD = hundr prigination time of this transaction set.	M = m ls; deci	iinutes imal se	(00- conds

Segment:	SPI	Specification Id	dentifier				
Position:	030						
Loop:							
Level:	Heading						
Usage:	Mandato	ry					
Max Use: Purpose:	To provid	de a description	of the included specification or technical	data item	15		
Syntax Notes:	-	-	PI03 is present, then the other is required.	dutu nom			
Semantic Notes:			1 1 1				
Comments:							
Notes:	assigned highest s the 2/SP	commercial pro ecurity classific 1/120 segment to	nment security classification and/or the p otection level applicable to the submitted ation or commercial protection level assi o identify the government security classific evel of individual data items.	data. Thi gned to th	is is the he data		
		Data	Element Summary				
Ref.	Data	N					
Des. Must Use SPI01	<u>Element</u> 786	<u>Name</u> Security Leve		Att M	ribute: ID	<u>s</u> 2/2	
Whast Use SI IVI	/00	Code indicatin	ig the level of confidentiality assigned by				
		applicable to t	Ilowing the highest overall government security of the data in this transaction set. If the data uirement, identify that requirement in SPA	a also has		ımercial	
		90	Government Non-Classified				
		92	Government Confidential				
		93	Government Secret				
		94	Government Top Secret				
SPI02	128	Reference Nu	mber Qualifier	X	ID	2/2	
		Code qualifying the Reference Number.					
		transaction set		ovided in	this		
		39	Proposal Number	, ,			
			Use to indicate the number assign proposal (TS 805, if submitted) to transaction set applies.			-	
		PR	Price Quote Number				
			Use to indicate the number assigned 843, if submitted) to which the dat	-			
			set applies.			4 13 0	
SPI03	127	Reference Nu		X	AN	1/30	
			nber or identification number as defined f	-			
SPI09	786	Security Leve	et, or as specified by the Reference Numb		ID	2/2	
51 107	/00		ng the level of confidentiality assigned by				
		information fo Use to identify	bllowing the highest commercial protection level	assigned	to the	data by	
		the submitter.					
		05	Personal				
		06	Use to indicate the information pro cost or price proposal is subject to Supplier Proprietary				
		00	Use to indicate the originator's constants of the second shall be protected in accordance v	-	-		
		11	Competition Sensitive				
SPI13	1322	Certification	Type Code	0	ID	1/1	

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Code indicating the type of certification

Use to identify the certification applicable to ALL of the data in this transaction set. If the certification differs for the data within this transaction set, use the 2/SPI/120 segment to identify the certification applicable to each data item.

В

Certification of Overhead

Use to indicate a certification of final overhead rates in accordance with DFARS 252.242-7001.

Samonte

REF Deference Numbers

Segment:	ILLA Reference Numbers
Position:	040
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:	Use to identify reference numbers applicable to the

he data provided in this transaction set.

Data Element Summary Ref. Data Element Des. Name Attributes **Reference Number Qualifier** ID 2/2Must Use REF01 128 M Code qualifying the Reference Number. C4 Change Number Use to indicate an award instrument modification number. When used, another REF segment with REF01 citing code CT must be transmitted. CT Contract Number Use to indicate an award instrument, e.g., contract, delivery order, etc. DO Delivery Order Number Use to indicate a call, release or delivery order. When used, another REF segment with REF01 citing code CT must be transmitted. KS Solicitation Use to indicate a solicitation number. If applicable, concatenate the last amendment number with the solicitation number. PR Price Quote Number Use to indicate the number assigned to a quote or proposal submitted in an 843 transaction set. TN Transaction Reference Number Use to indicate the unique reference number of a related transaction set (e.g. an 805 transaction set carrying pricing support data). Each transaction set has a unique number. In the case of the 805 transaction set, that number is carried in SPI03 when SPI02 contains the qualifier code 39. When used, cite the transaction set number, e.g., 805, in the first 3 positions of REF03. WF Locally Assigned Control Number Use to indicate the working modification number assigned to a draft 860 transaction set. **REF02** 127 **Reference Number** X AN 1/30Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. REF03 352 1/80Description AN X A free-form description to clarify the related data elements and their content When REF01 is code TN, use to identify the transaction set number.

Notes:

DTM Date/Time Reference

Segment:	DTM Date/Time Reference
Position:	050
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
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:	

Use to provide the origination date applicable to previously submitted 840 and 843 transaction sets, and the date and time of a previously submitted 805 transaction set.

			Data Elem	ent Summary			
Must Use	Ref. <u>Des.</u> DTM01	Data <u>Element</u> 374	<u>Name</u> Date/Time Qualifi Code specifying ty	er pe of date or time, or both date and time	<u>Attı</u> M	ributes ID	3/3
			098	Bid (Effective)			
			703	Use to indicate the origination date of (843 transaction set) to which the data transaction set applies.	-	-	ıl
			703	Original Transaction Use to indicate the origination date an transaction set to which the data in th applies.			
			993	Request for Quotation			
				Use to indicate the origination date of (840 transaction set) to which the date transaction set applies.			'ion
	DTM02	373	Date Date (YYMMDD)		x	DT	6/6
	DTM03	337	Time		X	ТМ	4/8
			HHMMSSD, or HI 59), S = integer sec are expressed as fo	24-hour clock time as follows: HHMM, HMMSSDD, where $H =$ hours (00-23), M conds (00-59) and DD = decimal seconds llows: D = tenths (0-9) and DD = hundre when DTM01 is code 703.	M = m s; dec	inutes imal se	(00- conds
	DTM05	624	Century		0	N0	2/2
			The first two chara	cters in the designation of the year (CC)	(Y)		

CUR Currence

Segment:	CUR Currency
Position:	060
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:	1 If CUR08 is present, then CUR07 is required.
	2 If CUR09 is present, then CUR07 is required.
	3 If CUR10 is present, then at least one of CUR11 or CUR12 is required.
	4 If CUR11 is present, then CUR10 is required.
	5 If CUR12 is present, then CUR10 is required.
	6 If CUR13 is present, then at least one of CUR14 or CUR15 is required.
	7 If CUR14 is present, then CUR13 is required.
	8 If CUR15 is present, then CUR13 is required.
	9 If CUR16 is present, then at least one of CUR17 or CUR18 is required.
	10 If CUR17 is present, then CUR16 is required.
	11 If CUR18 is present, then CUR16 is required.
	12 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
	13 If CUR20 is present, then CUR19 is required.
Semantic Notes:	14 If CUR21 is present, then CUR19 is required.
Comments:	1 Saa Figuras Annondiy for examples detailing the use of the CUP segment
Notes:	 See Figures Appendix for examples detailing the use of the CUR segment. Use if applicable, to identify a currency, other than US dollars, that applies to the
Inoles.	monetary values in this transaction set.
	2. Use also to identify the exchange rate for US dollars applicable to the cited foreign
	currency.
	Data Flement Summary

	Ref.	Data					
	Des.	Element	<u>Name</u>		Att	ribute	<u>s</u>
Must Use	CUR01	98	Entity Identifi	er Code	Μ	ID	2/2
			Code identifyin	ng an organizational entity, a physi	cal location, or	an ind	ividual
			SE	Selling Party			
Must Use	CUR02	100	Currency Cod	le	Μ	ID	3/3
			Code (Standard	d ISO) for country in whose curren	cy the charges a	are spe	cified
				the currency applicable to the mor if other than US dollars.	netary values in	this	
Must Use	CUR03	280	Exchange Rat	e	0	R	4/6
			Value to be use	ed as a multiplier conversion factor	to convert mor	netary	value
			from one curre	ncy to another			
			Use to identify	the exchange rate of the foreign ci	urrency to US d	ollars.	

MSG	Message	Text
-----	---------	------

Segment: 070 **Position:** Loop: Level: Heading Optional (Must Use) Usage: Max Use: >1**Purpose:** To provide a free form format that would allow the transmission of text information. Syntax Notes: **Semantic Notes:** MSG02 is not related to the specific characteristics of a printer, but identifies top of **Comments:** 1 page, advance a line, etc. Notes: 1. Use of this segment is REQUIRED. 2. Use to provide the purpose of the data submitted in this transaction set or the reason for cancellation of previously submitted data.

3. Do not replicate information provided as codified data elsewhere in this transaction set.

	Ref.	Data		
	Des.	Element	Name	Attributes
Must Use	MSG01	933	Free-Form Message Text	M AN 1/264
			Free-form message text	

S

Segment:	NI Name
Position:	080
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. Whenever possible, identification and address information should be provided using
	N101, N103, and N104. Use N102 and segments N2 through N4, as applicable, when the

address cannot be provided using one of the codes listed in N103.

2. When BGN01 is code 00, 07, or 15, and the data is submitted by a prime contractor, there must be multiple iterations of the N1 loop with N101 citing, at a minimum, codes SE, C4, and KF. Codes 28 and 61 must also be used if applicable.

3. When BGN01 is code 00, 07, or 15, and the cost or price proposal is submitted by a subcontractor, there must be multiple iterations of the N1 loop with N101 citing, at a minimum, codes 28, C4, KF and SE. Code 61 must also be used if applicable.

4. When BGN01 is code 01, there must be 2 iteration of the N1 loop citing either code SE or 28 in N101 in one iteration and code BY or C4 in a second iteration.

			Data Elem	ent Summary	
	Ref.	Data			
	Des.	Element	<u>Name</u>		<u>Attributes</u>
Must Use	N101	98	Entity Identifier C	Code	M ID 2/2
			Code identifying an	n organizational entity, a physical location	on, or an individual
			28	Subcontractor	
			61	Performed At	
				Use to indicate the place of performa than the proposer's address or if work performed at the proposer's address of location.	k will be
			BY	Buying Party (Purchaser)	
				Use to indicate the procuring contrac	ting office.
			C4	Contract Administration Office	
			KF	<i>Use to indicate the cognizant Contrac</i> <i>Office of the proposing party.</i> Audit Office	et Administration
			SE	Use to indicate the cognizant audit o <u>f</u> proposing party. Selling Party	fice of the
				Use to indicate the prime contractor.	
	N102	93	Name		X AN 1/35
			Free-form name		
			Use only if the part	y cited in N101 cannot be identified by	a code in N103/04.

Data Element Summary

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251 - Pricing	g Support N103	66	Identification Code	Qualifier	x	ID	1/2		
NIC	1103	00	Code designating th Code (67) While the federal El users of this implem	e system/method of code structure use DI program uses the DUNS number, o entation convention may require the u for a transition period in order to cro.	d for I ther ga se of a	dentific overnm ther ar	ent ent		
			1	D-U-N-S Number, Dun & Bradstreet					
			9	Use of the DUNS and DUNS +4 number is preferred over other codes to identify an entity. D-U-N-S+4, D-U-N-S Number with Four Character Suffix					
		10	Use of the DUNS and DUNS +4 number is preferred over other codes to identify an entity. Department of Defense Activity Address Code (DODAAC) Use to indicate a Department of Defense or Civilian						
			33	Agency Activity Address Code. Commercial and Government Entity	(CAG	E)			
	N104	67	Identification Cod		X	AN	2/20		
			Code identifying a	party or other code					
	N106	98	Entity Identifier C	ode	0	ID	2/2		
			Code identifying an	organizational entity, a physical locat	ion, or	an ind	ividual		
			FR	Message From					
				Use when N101 is code 28 or SE to submitter of the transaction set.	indicat	e the			
			ТО	Message To					
				Use when N101 is code BY or C4 to recipient of the transaction set.	indica	te the			

12

Segment:	N2 Additional Name Information
Position:	090
Loop:	NI
Level:	Heading
Usage:	Optional
Max Use:	2
Purpose:	To specify additional names or those longer than 35 characters in length
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	This segment should only be used when N102 is used and it is necessary to provide additional name information.

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

Segment:	N3 Address Information
Position:	100
Loop:	N1
Level:	Heading
Usage:	Optional
Max Use:	2
Purpose:	To specify the location of the named party
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	This segment should only be used when N102 is used.

	Ref.	Data				
	Des.	Element	Name	Att	ributes	5
Must Use	N301	166	Address Information Address information	М	AN	1/35
	N302	166	Address Information	0	AN	1/35
			Address information			

NT 4

Segment:	N4 Geographic Location
Position:	110
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 should only be used when N102 is used.

Ref.	Data				
Des.	Element	Name	Att	ributes	6
N401	19	City Name	0	AN	2/30
		Free-form text for city name			
N402	156	State or Province Code	0	ID	2/2
		Code (Standard State/Province) as defined by appropriate g	overn	ment a	igency
N403	116	Postal Code	0	ID	3/11
		Code defining international postal zone code excluding pun (zip code for United States)	ctuati	on and	l blanks
N404	26	Country Code	0	ID	2/3
		Code identifying the country			

Segment:	G61 Contact
Position:	130
Loop:	NI
Level:	Heading
Usage:	Optional
Max Use:	5
Purpose:	To identify a person or office to whom communications should be directed
Syntax Notes:	1 If either G6103 or G6104 is present, then the other is required.
Semantic Notes:	
Comments:	1 G6103 qualifies G6104.
Notes:	1. When N101 is code 28 or SE, use of this segment is REQUIRED to provide
	information about the offeror's point of contact.

2. At a minimum, there must be one G61 segment with code TE or 1T in G6103. There may be another G61 segment with identical information in G6101, and 02, but citing a different communication number qualifier in G6103.

	Ref.	Data					
	Des.	Element	<u>Name</u>			ributes	
Must Use	G6101	366	Contact Function		Μ	ID	2/2
				he major duty or responsibility of the per-	son oi	r group	named
			AS	Authorized Signature			
			CE	Certifier			
				1. Use to indicate the certifying officient	al.		
			IC	2. Use of this code is required when N Information Contact	106 1	is code	FR.
				Use to indicate the proposer's point of	^c conti	act.	
Must Use	G6102	93	Name Free-form name		Μ	AN	1/35
			name, is preferred	name of a point of contact. Last name, f . If the whole name is longer than 35 cha t name is recommended.			
	G6103	365	Communication I	Number Qualifier	Χ	ID	2/2
			Code identifying t	he type of communication number			
			EM	Electronic Mail			
				Use to indicate an E-Mail address.			
			FX	Facsimile			
			IT	International Telephone			
			TE	Telephone			
	G6104	364	Communication I	Number	X	AN	1/80
			Complete communications number including country or area code when applicable When G6103 is code FX, IT, or TE, include the area code or country code, as applicable, and cite the number as a continuous number without extraneous characters.				
	G6105	443	Contact Inquiry	Reference	0	AN	1/20
				ce number or description to clarify a cont	tact n		
				the title of the point of contact or certifyi			
			2. Use of the data	element is REQUIRED when G6101 is c	ode A	IS or C	Е.

Segment:	PPL Price Support Data
Position:	010
Loop:	PPL
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To provide information about pricing support
Syntax Notes:	
Semantic Notes:	1 PPL02 is the start date.
	2 PPL03 is the end date.
Comments:	
Notes:	1. Use to identify the type of data being provided.

2. Use of this segment is REQUIRED when BGN01 is code 00, 07, or 15.

3. Each PPL loop must relate to a single cost element provided in the 805 transaction set or a single proposed cost element if an 805 transaction set has not been submitted.

	Ref.	Data		
	Des.	Element	Name	Attributes
Must Use	PPL01	1309	Acquisition Dat	
				g acquisition data
			K1	Subcontract Costs
			K2	Inter-Division Transfer
			K3	Profit/Fee
			K4	Labor History
			K5	Bill of Materials and Purchase History
			K6	Other Unlisted Proposal Type
				When used, identify the unlisted proposal type in PPL04.
			KH	General and Administrative Expenses (G&A)
			KI	Overhead Expenses
			KJ	Intermediate Expense Pool Allocation
			KK	Bases Used to Allocate Indirect Expense
			KL	Claimed Rates for Each Expense Pool
			КМ	Facilities Capital Cost of Money Factors Computation
			KN	Reconciliation of Books of Account and Claimed Direct Cost-Incurred Costs
			KO	Contract Direct Costs Claimed and Not Claimed, IR&D/B&P Direct Costs Incurred (Overhead, G&A and Cost of Money Applied at Claimed Rates)-Incurred Costs
			KP	Government Participation in Indirect Expense Pools- Incurred Costs
			KQ	Reconciliation of Claimed G&A Pool to G&A Claimed on Contracts-Incurred Costs
			KR	Schedule of Cumulative Direct and Indirect Costs Claimed and Billed-Incurred Costs
			KS	Computation of Allowable IR&D/B&P Costs-Incurred Costs
			КТ	Summary of Hours and Amounts on T&M/Labor Hour Contracts-Incurred Costs
			KU	Reconciliation of Total Payroll to Total Labor Distributed-Incurred Costs
			KV	Listing of Decisions/Agreements/Approvals and Description of Accounting/Organization Changes
003050FED	000A			17 14 March 1997

ung Support		KW	Indirect Costs Certification			
		KX	Direct Labor			
		KY	Other Direct Costs			
		KZ	Direct Material			
PPL02	373	Date		0	DT	6/6
		Date (YYMM)	DD)			
		Use to provide	e the beginning date of the period cover	red by this a	lata.	
PPL03	373	Date		0	DT	6/6
		Date (YYMM	DD)			
		Use to provide	e the ending date of the period covered	by this data	1.	
PPL04	352	Description		0	AN	1/80
		A free-form de	escription to clarify the related data ele	ments and t	heir co	ntent
			e, in plain text, a more detailed name fo cable to the code cited in PPL01.	or a specific	catego	ory of
PPL05	1401	Proposal Data	a Detail Identifier Code	0	ID	1/3
		Code identifyi	ng the basis of a cited value in a propo	sal		
			ta element is REQUIRED to identify th D/030 or 2/PD/110 loop (hours, rates,			
			all values. If the basis for the values sis in PD10 of the 2/PD/030 or 2/PD/		de AP)	,
		AM	Actual			
		AN	Estimated			
			Includes rates proposed.			
		AO	Negotiated			
		AP	Mixed			

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REF Reference Numbers

Segment:	REF Reference Numbers
Position:	020
Loop:	PPL
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	>]
Purpose:	To specify identifying numbers.
Syntax Notes:	1 At least one of REF02 or REF03 is required.
Semantic Notes:	
Comments:	
Notes:	1. Use to specify an association for the data identified in the PPL segment.

2. At least one (1) REF segment carrying an appropriate number is REQUIRED for each iteration of the PPL loop.

3. When the data provided in this loop is to be portrayed in columns, use this segment to identify the column numbers and titles.

			Data Elem	ent Summary			
	Ref.	Data					
	Des.	Element	Name			ributes	-
Must Use	REF01	128	Reference Numbe	-	Μ	ID	2/2
				e Reference Number.			
			13	Horizontal Coordinate			
				Use to indicate a column number. Pr title in REF03.	ovide	the col	umn
			73	Statement of Work (SOW)			
			74	Work Breakdown Structure (WBS)			
			75	Organization Breakdown Structure			
			79	Cost Account			
			83	Extended (or Exhibit) Line Item Num	ber (I	ELIN)	
			91	Cost Element			
			C7	Contract Line Item Number			
			K7	Paragraph Number			
				Use to indicate a SOW paragraph nu	mber.		
			L6	Subcontract Line Item Number			
			P4	Project Code			
	REF02	127	Reference Numbe	r	Χ	AN	1/30
				or identification number as defined for a as specified by the Reference Number (-		
	REF03	352	Description		X	AN	1/80
			A free-form descrip	otion to clarify the related data elements	and t	heir co	ntent
			When REF01 is cod	de 13, use is REQUIRED to provide a co	olumr	title.	

251 - Pricing	Support								
	Segment:	PD P	ricing Data						
	Position:	030							
	Loop:	PD							
	Level:	Detail							
	Usage:	Optional							
	Max Use:	1							
	Purpose:	To descri	be the pricing basi	ic input detail					
	tax Notes:								
Semai	ntic Notes:			time period contained in PD02.					
				start of the time period in PD01 the unit of measurement in PD0					
				e cost element being proposed.	<i>JJ</i> .				
				of the name of the cost elemen	t being propose	d.			
			-	a specific paragraph number cor					
			iment.						
		7 PD0	9 is the category o	f the data being proposed.					
C	Comments:								
	Notes:		his segment to prov	vide data that is not related to a	formula, e.g., h	istorica	ıl labor		
		hours.							
		2 Fore	ach PPL loop eith	er this loop or the 2/PD/110 loc	on mov he used	but not	both		
		2. 10/0	uon 1 1 1 100p, enn		p may be used,	0111 /101	0011.		
			Data Ele	ement Summary					
	Ref.	Data							
	Des.	Element	Name			ributes	-		
Must Use	PD01	344	Unit of Time Pe Code indicating	riod or Interval the time period or interval	Μ	ID	2/2		
			following PDD0.	e period of time represented by 2, PDD03, or PDD04 data elem		ed in a			
			CY	Calendar Year					
			DY	Day					
			FY	Fiscal Year					
			MO	Month					
			QY	Quarter of a Year					
			WK	Weeks					
Must Use	PD02	373	Date		Μ	DT	6/6		
			Date (YYMMDI))					
			Use to identify th	e beginning date of the time per	iod specified in	<i>PD01</i> .			
Must Use	PD03	C001	Composite Unit	of Measure	Μ				
			To identify a cor	nposite unit of measure (See Fig	gures Appendix	for exa	mples		
			of use)				-		
Must Use	C00101	355		r Measurement Code	M	ID	2/2		
				the units in which a value is bei	ng expressed, or	r manne	er in		
				ment has been taken	and list of an doo				
			Any coae can be	used. The following is a prefer	red list of codes.				
			A8 Dollars per	Hour					
			DO Dollars						
			HR Hours						
			IE Person						
			I loo to indiants	lunary was a sure in a second	aincodes a toral				

Use to indicate a human resource, i.e., people assigned to a task.

P1 Percent UN Units Refer to 003050 Data Element Dictionary for acceptable code values. Must Use PD04 380 Quantity Μ R 1/15 Numeric value of quantity

Must Use PD05 93 Name M AN L/35 Free-form name Use to provide the short-hand name as specified in PL03. PD06 352 Description O AN 1/80 A free-form description to clarify the related data elements and their content Use, if neessary, to provide a full text description of the short-hand name carried in PD05. PD07 1196 Breakdown Structure Detail Code O ID 2/2 Codes identifying details relating to a reporting breakdown structure tree This data element will typically be used when PD03 is code DO or HR. 26 Recurring. 26 Recurring. Use to indicate that the values cited in the following PDD segment are neurring. 27 Nonrecurring. 27 Nonrecurring. ZZ Mutually Defined Use to indicate that the values cited in the following PDD segment are norrecurring. 28 Reference Number O N N/30 7 Reference Number Couldifier. O AN N/30 7 Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Couldifier. N/30 7 Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number	251 - Pricing	g Support		example: If the p dollar data, then	ne quantity of the period of time specific roposing party wanted to provide two PD01 would carry code "CY" for cale for dollars, and PD04 would carry the elendar years.	calendar j ndar year	years v ;, PD0.	vorth of 3 would
 Use to provide the short-hand name as specified in PLOS. PD06 352 Descriptio A free-form description to clarify the related data elements and their content Use, if necessary, to provide a full text description of the short-hand name carried in PDOS. PD07 1196 Breakdown Structure Detail Code O ID 2/2 Code sidentifying details relating to a reporting breakdown structure tree This data element will typically be used when PDO3 is code DO or HR. 26 Recurring Use to indicate that the values cited in the following PDD segment are recurring. 27 Nonrecurring Use to indicate that the values cited in the following PDD segment are nonrecurring. Z2 Mutually Defined Use to indicate that the values cited in the following PDD segment are both recurring and nonrecurring. Z3 Must Use PD08 127 Reference Number O AN 1/30 Reference Number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. Use is inducine a submer that will uniquely identify each PD segment. The purpose of this number is to differentiate breven cost elements identified in PDO3, specifically when the same cast element is specified for different purposes. PD09 352 Description A free-form description to clarify the related data elements and their content Use to identify whether or not Cost of Money (COM) applies to the cost element frowided in this loop. Cite the later N if the element is and their content Use to identify whether or not Cost of Money (COM) applies to the cost element provided in this loop. Cite the later N if the element is a code Materian the values is mixed (code AP), identify the basis of the value	Must Use	PD05	93	Name		Μ	AN	1/35
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 Busice if necessary, to provide a full text description of the short-hand name carried in PD05. PD07 PD09 <l< td=""><td></td><td>I DOU</td><td>002</td><td>-</td><td>ription to clarify the related data eleme</td><td>_</td><td></td><td></td></l<>		I DOU	002	-	ription to clarify the related data eleme	_		
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A free-form description to clarify the related data elements and their content Use to identify whether or not Cost of Money (COM) applies to the cost element provided in this loop. Cite the letter N if the element is not a COM factor; cite the letter Y if the element is a COM factor. Also, provide a free form text description of the data being provided, e.g., labor rates, overhead rates, direct input, etc.PD101401Proposal Data Detail Identifier Code o ID 1/3 Code identifying the basis of a cited value in a proposal When PPL05 is code AP, use is REQUIRED if the basis of the values in the following PDD segments is the same for all values. If the basis for the values is mixed (code AP), identify the basis in PDD05. AM AN Estimated AO Negotiated Includes rates established by Forward Pricing Rate Agreements.		PD09	352		erem purposes.	0	AN	1/80
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AO Negotiated Includes rates established by Forward Pricing Rate Agreements.				When PPL05 is a following PDD s is mixed (code A	code AP, use is REQUIRED if the basi. segments is the same for all values. If t P), identify the basis in PDD05.	s of the va		
Includes rates established by Forward Pricing Rate Agreements.				AN	Estimated			
Agreements.				AO	Negotiated			
AP Mixed					Includes rates established by Forv Agreements.	vard Pric	ing Ra	te
				AP	Mixed			

Segment:	PDD Pricing Data Detail
Position:	040
Loop:	PD
Level:	Detail
Usage:	Optional
Max Use:	>]
Purpose:	To provide the rates, direct input, and pricing factors for each element of work, cross- referenced to an applicable request or submission
Syntax Notes:	1 At least one of PDD02 PDD03 or PDD04 is required.
Semantic Notes:	1 PDD01 is a sequential number assigned by the initiator.
Comments:	
Notes:	1. This segment is REQUIRED when BGN01 is code 00, 07, or 15.

2. ONLY ONE of PDD02, PDD03, or PDD04 is permitted in each repetition of the PDD segment.

3. The number of repetitions of the PDD segment within each PD loop must be equal to the number carried in PD04 for each iteration of the PD loop.

	Ref.	Data	y and the second s					
	Des.	Element	Name	Att	ributes	<u>s</u>		
Must Use	PDD01	350	Assigned Identification	Μ	AN	1/11		
			Alphanumeric characters assigned for differentiation within	a tra	insactio	on set		
			A unique sequence number (starting with the number 1 and progressively higher as applicable) assigned by the origina transaction set.		0			
	PDD02	380	Quantity	X	R	1/15		
			Numeric value of quantity					
			Use to identify the quantity of the data provided in the PD segment.					
	PDD03	782	Monetary Amount		R	1/15		
			Monetary amount					
			Use to identify the monetary amount of the data provided in the PD segment.					
	PDD04	954	Percent	X	R	1/10		
			Percentage expressed as a decimal					
			Use to identify the rate (provided the rate is expressed as a percent) of the data provided in the PD segment.					
	PDD05	1401	Proposal Data Detail Identifier Code	0	ID	1/3		
			Code identifying the basis of a cited value in a proposal					
			When PD10 in the 2/PD/030 segment is code AP, use is REQUIRED to identify					
			the basis of the values cited in PDD02, PDD03, or PDD04.					
			AM Actual					
			AN Estimated					
			AO Negotiated					

Segment:	PL Proposal Cost Logic
Position:	050
Loop:	PL
Level:	Detail
Usage:	Optional
Max Use:	1 ·
Purpose:	To describe the cost logic used when pricing a particular aspect of a proposal
Syntax Notes:	
Semantic Notes:	1 PL01 is the logic sequence number.
•	2 PL03 is the name of the cost element being proposed.
	3 PL05 is a text description of the cost element contained in PL03.

4 PL06 is an occurrence counter that indicates the order of items to appear in a cost summary data display.

Comments: Notes:

1. The PL segment should be used in a bottoms-up approach, e.g., if total direct labor dollars is composed of engineering labor dollars plus manufacturing labor dollars, then the calculation formula for these must be presented in the transaction set before the calculation for total direct labor dollars.

EXAMPLE:

PL*1*DO*DEL*E*DIRECT ENGINEERING LABOR *2002 n/l PL*2*HR*DELH*M*DIRECT ENGINEERING LABOR HOURS n/l PL*3*A8*ELR*F*ENGINEERING LABOR RATE n/l PL*4*DO*DML*E*DIRECT MANUFACTURING LABOR*3002 n/l PL*5*HR*DMLH*M*DIRECT MANUFACTURING LABOR HOURS n/l PL*6*A8*MLR*F*MANUFACTURING LABOR RATE n/l PL*7*DO*TDL*E*TOTAL DIRECT LABOR *1002 n/l PL*8*DO*TDEL*A n/l PL*9*DO*TDML*F n/l

2. If the proposed labor rates are at a lower level, e.g., by engineering labor category or by department, then the PL segments must start at a lower level to conform to the bottoms-up convention.

3. Each formula provided in this segment shall be completed before another formula is started. THERE SHALL BE NO FORMULA WITHIN ANOTHER FORMULA.

4. When a value provided in the2/PDD/140 segment can be calculated, a formula MUST BE PROVIDED for that calculation. This formula is REQUIRED even when the actual data involves the addition/subtraction of a "zero" value or multiplication/division by 1.

5. If the formula provided in this segment is for a total, the PD/PDD segments shall be used to provide the total.

	Ref.	Data				
	Des.	Element	Name	Att	ribute:	<u>s</u>
Must Use	PL01	554	Assigned Number	Μ	N0	1/6
			Number assigned for differentiation within a transaction set			
			A progressive number starting with the number 1 to provide for each iteration of the PL loop, (e.g., 1,2,3, etc.).	a lo	gic seq	uence
Must Use	PL02	C001	Composite Unit of Measure	Μ		
			To identify a composite unit of measure (See Figures Appe of use)	ndix	for exa	amples
Must Use	C00101	355	Unit or Basis for Measurement Code	Μ	ID	2/2
			Code specifying the units in which a value is being expresse	d, or	mann	er in
003050FED	D0A		23		14 Ma	rch 1997

251 - Pricing	g Support		which a measure <i>Use any code</i> .	ment has been taken			
			77 Martinglly F	Defined			
			ZZ Mutually L	pejinea other non-hour units,			
				Data Element Dictionary for acceptabl	e code va	lues	
Must Use	PL03	93	Name		M	AN	1/35
	1 1100		Free-form name				1,00
			1. The short-har proposal.	nd name given to the value that appear	s in a cosi	t or pri	се
			hand name for d	^c the data (e.g., DLH or the number 240 irect labor hours). These unique short originator of the transaction set and sh ounting system.	-hand nar	nes are	2
Must Use	PL04	1311	Calculation Op	0,	Μ	ID	1/1
			Code identifying	what type of calculation will take place	ce		
			А	Add			
			D	Divide			
			E	Equals			
			F	End of Formula			
			М	Multiply			
			R	Raise to a Power			
			S	Subtract			
	PL05	352	Description		0	AN	1/80
			A free-form desc	cription to clarify the related data elem	ents and t	heir co	ntent
			the proposing pa Hours in free for Hours in the pro required when th segments within its short-hand na	escription for the short-hand name can arty carries DLH in PL03, the PL05 wi orm text. This now identifies that DLH e posing party's accounting system. The ne NAME data element (PL03) is first u the transaction set. After that, the valu- ame.	ll carry D equals Dif e descripti used withi	irect L rect La on is o n the fl	abor bor nly low of ed to by
	PL06	609	Count		0	N0	1/9
			Occurence count	ter			
			segment to ident The row and col The number cited 1002 identifies to	vided data is to be portrayed in rows a ify both the row and column in which i umn shall be provided in the following d in this data element shall be a minim he first row in the second column; 520 column; 125013 identifies the 125th ro	t is to be f format: 1 um of 4 n 10 identifi	portray RRRRR umeric ies the	ved. RCCC. s, e.g., 52nd
				derstood that rows 2 and beyond of co ant identified in PL03.	lumn 1 co	ntain ti	he name

Segment:	REF Reference Numbers
Position:	060
Loop:	PL
Level:	Detail
Usage:	Optional
Max Use:	>]
Purpose:	To specify identifying numbers.
Syntax Notes:	1 At least one of REF02 or REF03 is required.
Semantic Notes:	
Comments:	
Notes:	Use to identify where data specified in the PL segment can be found.

	Ref. <u>Des.</u>	Data <u>Element</u>	Name		Att	ributes	
Must Use	REF01	128	Reference Number	-	Μ	ID	2/2
			Code qualifying the	Reference Number.			
			73	Statement of Work (SOW)			
			74	Work Breakdown Structure (WBS)			
			75	Organization Breakdown Structure			
			79	Cost Account			
			83	Extended (or Exhibit) Line Item Num	nber (E	ELIN)	
			91	Cost Element			
			C7	Contract Line Item Number			
			K7	Paragraph Number			
				Use to indicate a SOW paragraph nu	mber.		
			L6	Subcontract Line Item Number			
		/	P4	Project Code			
	REF02	127	Reference Number		Χ	AN	1/30
				or identification number as defined for a as specified by the Reference Number (•		

Segment:	NTE Note/Special Instruction	
Position:	100	
Loop:	PL	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To transmit information in a free-form format, if necessary, for comment or s instruction	pecial
Syntax Notes:		
Semantic Notes:		
Comments:	1 The NTE segment permits free-form information/data which, under ANS standard implementations, is not machine processable. The use of the NT should therefore be avoided, if at all possible, in an automated environment	TE segment
Notes:	<i>Use this segment to provide additional information applicable to the data bei submitted.</i>	ng
	Data Element Summary	
Ref.	Data	
Des.	Element Name Attri	butes
Must Use NTE02	352 Description M	AN 1/80
	A free-form description to clarify the related data elements and the	ir content

Segment: PD: Pricing Data Position: 110 Position: 110 Reveit: Detail Segment: New Segment: Was Use: 1 Purpose: To describe the pricing basic input detail Syntax Notes: 1 PD00 is the durit of the time period contained in PD02. PD00 is in the carriery is of the unit of measurement in PD03. PD00 is in the carriery is of the unit of measurement in PD03. PD00 is in the carriery is of the unit of measurement in PD03. PD00 is in the carriery is of the unit of measurement in PD03. PD00 is in the carriery is of the unit of the time period on maximum of the cost element tervel that is related to a formula provided in the 27PL/030 segment. PD00 is the carriery of the data being proposed. PD00 is the carriery of Time Period or Interval Must Use PD01 Set intervention M ID 2 of 2 Code indicating the time period or interval M ID 2 of 2 Code indicating the time period or interval M ID 2 of 2 Code indicating the time period or interval M ID 2 of 2 Must Use PD01 Set intervent ontervent of the intervent ontervent of the careament in whinth a value is being expresset, or manner i	201 Triong	C	PD .	ulaina Data				
Loop: PD Lisage: Optional Max Use: 1 Purpose: To describe the pricing basic input detail Syntax Notes: I PD01 is the unit of the time period contained in PD02. 2 PD02 is the date of the start of the time period in PD01. 3 PD05 is the description of the nume of the cost element being proposed. 4 PD05 is the category of the data being proposed. 5 PD06 is the category of the data being proposed. 6 PD08 is a reference to a specific paragraph number contained in an external document. 7 P109 is the gategory of the data being proposed. 1. Use this loop to provide information at the cost element heing proposed. 7 P109 is the category of the data being proposed. 2. For each PPL loop, either this loop or the 2/PD/030 loop may be used, but not bod. Data Element Summary Nest Use PD01 Start Element Nume CY Calendar Year FY Fiscal Year Must Use PD02 373 Date Unit of Time Period or Interval CY Calendar Year FY Fiscal Year Must Use PD03 355 Unit or Basis for Measurement date of the time period point of the apprecised, or namer in white a value is of a specific print of the manary is a loop of the Commenter date of the time period point walls carried in the following PDD02, PDD03, or PDD04 data element. CY Calendar Year FY Fiscal Year Must Use PD03 355 Unit or Basis for Measurement date of the time period specified in PD01. Code side infigure this of the commencement date of the time period specified in PD01. Must Use PD03 355 Unit or Basis for Measurement Code M D 2/2 Code side infigure this which a value is being expressed, or manner in white a value is being expressed, or manner in white a value is being expressed, or manner in white a measurement has been taken Any code can be used. The fullowing is a list of preferred codes. <i>H</i> PD02 Dollars <i>H</i> P PD04 368 Quantity due of quantity <i>Use to identify the quantity of the period of time specified in PD01. For examples</i> <i>O</i> Dollars <i>H</i> Percent <i>UN Units</i> <i>H</i> Percent <i>UN Units</i> <i>H</i> Percent <i>UN Units</i> <i>H</i> Percent <i>UN Units</i> <i></i>		Segment:		ricing Data				
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6 PD08 is a reference to a specific paragraph number contained in an external document. 7 PD09 is the category of the data being proposed. Notes: 1. Use this loop to provide information at the cost element level that is related to a formula provided in the 2/PL/030 segment. 2. For each PPL loop, either this loop or the 2/PD/030 loop may be used, but not both. Data Element Summary Must Use PD01 Aff Cont of Time Period or Interval M D 2/2 Code indicating the time period of interval M D 2/2 Code indicating the time period of interval M D 2/2 Code indicating the time period of interval Use to identify a performed of time represented by one value carried in the following PDD02, PDD03, or PDD04 data element. CY Calendar Year FY Fiscal Year Must Use PD03 CO01 Composite unit of Measure M DT 6/6 Date (YYMMDD) Use to identify a composite unit of measure (see Figures Appendix for examples of use) M D 2/2 Must Use PD03 CO01 Composite Unit of Measure M D 2/2 Co				-	-			
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Comments: Notes: 1. Use this loop to provide information at the cost element level that is related to a formula provided in the 2/PL/030 segment. 2. For each PPL loop, either this loop or the 2/PD/030 loop may be used, but not both. Must Use PD01 Data lement Summary Ref. Data lement Summary Must Use PD01 Attributes Visit Use PD02 Attributes Must Use PD02 Attributes Must Use PD02 Attributes Must Use PD02 Attributes Must Use PD02 Attributes M D 2/2 Must Use PD02 Attributes M D 2/2 Must Use PD02 Attributes M D 2/2 Must Use PD03 C001 Composite Unit of Measure M D 6/6 Must Use PD03 C001 Composite Unit of Measure M D 2/2 Must Use PD03 C001 Composite Unit of Measure M ID 2/2 Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <					ry of the data being pro	nosed		
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Must Use PD05 93 Name M AN 1/35 Free-form name This may be the short-hand name as specified in PL03 or a different short- hand name. PD06 352 Description O AN 1/80 A free-form description to clarify the related data elements and their content Use if necessary, to provide a full text description of the short-hand name carried in PD05. PD07 1196 Breakdown Structure Detail Code O ID 2/2 Codes identifying details relating to a reporting breakdown structure tree This data element will optically be used when PD03 is code DO or HR. 26 Recurring Use to indicate that the values cited in the following PDD segment are recurring. 27 Monrecurring Use to indicate that the values cited in the following PDD segment are nonrecurring. 27 Mountually Defined Use to indicate that the values cited in the following PDD segment are nonrecurring. 27 Mutually Defined Use to indicate that the values cited in the following PDD segment are nonrecurring. 28 Mutually Defined Use to indicate that the values cited in the following PDD segment are both recurring and nonrecurring. 29 AN 1/30 Reference number or identification number as defined for a particular Transaction Set. or as specified by the Reference Number Oullifter. Use is <i>REQUIRED to provide a number that will uniquely likently each PD</i> segment. Start with the number on (1) and increase progressively with each PD segment. The purpose of this number is to differentiate between cost elements is duriffered in PD05, segments is to differentiate between cost elements is duriffered in PD05, segment is to differentiate a to COM factor; cite the letter Y if the element is and COM factor; cite the letter Y if the element is and COM factor; cite he letter Y if the element is and com factor; cite he letter Y if the element is and their content Use to identify on the basis of a cited value in a proposal When PPL05 second AP, ness is <i>REQUIRED if the basis for the values in the</i> following PDD segments is the soone of the values in the following PD segments	251 - Pricing	g Support		the number of a	alou day wa aya			
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AO Negotiated Includes rates established by Forward Pricing Rate Agreements.				When PPL05 is following PDD is mixed (code a	code AP, use is REQUIRED if the basis of segments is the same for all values. If the AP), identify the basis in PDD05.	-		
Includes rates established by Forward Pricing Rate Agreements.				AN	Estimated			
Includes rates established by Forward Pricing Rate Agreements.				AO	Negotiated			
AP Mixed					Includes rates established by Forwa Agreements.	ırd Pric	ring Ra	te
				AP	Mixed			

Segment:	SPI Specification Identifier
Position:	120
Loop:	PD
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:	

	Ref.	Data					
	Des.	Element	Name		Attri	ibutes	
Must Use	SPI01	786	Security Level	Code	Μ	ID	2/2
			information fol	•			
				the highest overall government security cla			
				e cost element. If the data also has a com	nercial f	protect	tion
			•	lentify that requirement in SP109.			
			90	Government Non-Classified			
			92	Government Confidential			
			93	Government Secret			
			94	Government Top Secret			
	SPI09	09 786	Security Level	Code	0	ID	2/2
			Code indicating the level of confidentiality assigned by the sender to the information following				
			Use to identify element.	the highest commercial protection level as:	signed to	the co	ost
			05	Personal			
			0.5	Use to indicate the information provi cost or price proposal is subject to the			
			06	Supplier Proprietary			
				Use to indicate the originator's cost of shall be protected in accordance with	-	Ç	
			11	Competition Sensitive			

Segment:	REF Reference Numbers
Position:	130
Loop:	PD
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:	Use this segment to provide reference numbers for the data provided in the following PDD segments within this loop.

Data Element Summary

	Ref.	Data					
	Des.	Element	Name		Attr	ributes	
Must Use	REF01	128	Reference Number	Qualifier	Μ	ID	2/2
			Code qualifying the	Reference Number.			
			73	Statement of Work (SOW)			
			74	Work Breakdown Structure (WBS)			
			75	Organization Breakdown Structure			
			79	Cost Account			
			83	Extended (or Exhibit) Line Item Num	ber (E	LIN)	
			91	Cost Element			
			C7	Contract Line Item Number			
			K7	Paragraph Number			
				Use to indicate a SOW paragraph nur	nber.		
			L6	Subcontract Line Item Number			
			P4	Project Code			
	REF02	127	Reference Number		X	AN	1/30
			Reference number o	r identification number as defined for a	nartic	cular	

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Notes:

- Themg Support	
Segment:	PDD Pricing Data Detail
Position:	140
Loop:	PD
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To provide the rates, direct input, and pricing factors for each element of work, cross- referenced to an applicable request or submission
Syntax Notes:	1 At least one of PDD02 PDD03 or PDD04 is required.
Semantic Notes:	1 PDD01 is a sequential number assigned by the initiator.
Comments:	

1. ONLY ONE of PDD02, PDD03, or PDD04 is permitted in each repetition of the PDD segment.

2. The number of repetitions of the PDD segment within each PD loop must be equal to the number carried in PD04 for each iteration of the PD loop.

	Ref.	Data					
	Des.	<u>Element</u>	Name		ributes	5	
Must Use	PDD01	350	Assigned Identification	Μ	AN	1/11	
			Alphanumeric characters assigned for differentiation within a transaction set				
			A unique sequence number (starting with the number 1 and going				
			progressively higher as applicable) assigned by the originator of the				
	PDD02	380	transaction set. Quantity	X	R	1/15	
	I DD02	500	Numeric value of quantity	~	IX.	1/15	
	00002	703	The actual quantity of the data provided in the PD segment.		D	1/15	
	PDD03	782	Monetary Amount	X	R	1/15	
			Monetary amount				
	The actual monetary amount of the data provided in the PD segment.						
	PDD04	954	Percent	X	R	1/10	
			Percentage expressed as a decimal				
			The actual rate (provided the rate is expressed as a percent) of the data provided in the PD segment.				
	PDD05	1401	Proposal Data Detail Identifier Code	0	ID	1/3	
			Code identifying the basis of a cited value in a proposal				
			When PD10 in the 2/PD/110 segment is code AP, use is RE	QUIF	RED to	identify	
			the basis of the values cited in PDD02, PDD03, or PDD04.	-			
			AM Actual				
			AN Estimated				
			AO Negotiated				

Segment:	MSG Message Text
Position:	150
Loop:	PD
Level:	Detail
Usage:	Optional
Max Use:	>]
Purpose:	To provide a free form format that would allow the transmission of text information.
Syntax Notes:	
Semantic Notes:	
Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes:	Use to provide free form text explanations and clarifications, i.e., formula derivations, basis of estimates, source of escalation factors, citation of accompanying schedule containing back-up data, or any other circumstances that requires a free form note.

Data Element Summary

n ...

D 6

	кет.	Data		
	Des.	Element	Name	Attributes
Must Use	MSG01	933	Free-Form Message Text	M AN 1/264
			Free-form message text	

201 - Friding	Support						
	Segment:	DTN	I Date/Time Refe	rence			
	Position:	160					
	Loop:	PD					
	Level:	Detail					
	Usage:	Optional					
	Max Use:	•					
	Purpose:	To specif	fy pertinent dates and	l times			
Syn	tax Notes:	-	• 1	OTM03 or DTM06 is required.			
5				107 is present, then the other is required.			
Semai	ntic Notes:			1 ²			
C	Comments:						
	Notes:	Use this .	segment to provide a	lates (if necessary) related to the data be	ing p	rovided	d in
			ation of the PD loop.		01		
			- 5 1				
			Data Elem	ent Summary			
	Ref.	Data					
	Des.	<u>Element</u>	Name		Att	ributes	5
Must Use	DTM01	374	Date/Time Qualifi	er	Μ	ID	3/3
			Code specifying ty	pe of date or time, or both date and time			
			193	Period Start			
			194	Period End			
	DTM02	373	Date		X	DT	6/6
			Date (YYMMDD)				
	DTM05	624	Century		0	N0	2/2
			The first two chara	cters in the designation of the year (CCY	Y)		

e	
Segment:	PO1 Baseline Item Data
Position:	170
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.
Syntax Hotes.	2 If PO105 is present, then PO104 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 1D's.
	2 PO101 is the line item identification.
	3 PO106 through PO125 provide for ten (10) different product/service 1D's per each
	item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No.,
	SKU.
NT 4	

Notes:

Use this loop to provide Bill of Materials information and corresponding history.

	Ref.	Data	Data Di	ement Summary			
	Des.	Element	Name		Att	ributes	6
	PO101	350	Assigned Identi	fication	0	AN	1/11
			Alphanumeric cl	haracters assigned for differentiation within	a tra	nsactio	n set
			-	sequential number, starting with the number			
			PO1 segment.	, ,	ŕ		
Must Use	PO102	330	Quantity Order	·ed	Χ	R	1/9
			Quantity ordered	1			
			Use to indicate t enter a zero.	he total quantity of material ordered. If no	quar	ntity ap	plies,
Must Use	PO103	355		r Measurement Code	0	ID	2/2
				the units in which a value is being expresse ement has been taken	ed, or	manne	er in
			Refer to 003050	Data Element Dictionary for acceptable cod	de va	lues.	
	PO104	212	Unit Price		X	R	1/17
			Price per unit of	product, service, commodity, etc.			
			The adjusted un 2/AMT/200 segn adjustment value	he proposed unit price to include any adjust it price is determined by taking the amount of ment when AMT01 is code LI and applying e e (AMT01 is code CK) or an escalation or d 2/PCT/210 segment.	cited either	in the a disci	rete
Must Use	PO105	639	Basis of Unit Pi	ice Code	0	ID	2/2
			Code identifying	g the type of unit price for an item			
			AP	Advise Price			
				Use to indicate the unit price is the res	ult of	f purch	ases
				from multiple sources.			

CA	Catalog
СТ	Contract
ES	Estimated
FB	Fabrication Cost
KA	Price with Government Furnished Property
KP	Escalated Price
	Use to indicate an upward adjusted unit price.
KR	In Stock
NE	Not to Exceed
NT	Net
	Use to indicate a downward adjusted unit price.
PQ	Posted
	<i>Use to indicate the price is regulated by a Government entity.</i>
QT	Quoted
ST	Standard
	<i>Use to indicate a unit price developed under a standard cost accounting system.</i>

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. Any code can be used, but the same codes used in the corresponding 843 transaction set should be used. The listed codes are preferred.

2. When identifying components of an assembly, the assembly must be identified by use of code F8.

3. Any code identified in this data element may be used in any following 235 data element.

AK Refined Product Code

CG Commodity Grouping

Use to indicate a commodity code.

CH Country of Origin Code

CL Color

CN Commodity Name

EF Exhibit Identifier

Use to indicate the letter assigned to an exhibit.

F7 End-Item Description Use to indicate the end item to which the ordered item applies.

F8 Next Higher Used Assembly Use to indicate the assembly to which the identified components apply.

FS National Stock Number The NSN shall be transmitted without dashes.

FT Federal Supply Classification

IN Buyer's Item Number

Use to indicate a locally assigned code for a product or service whenever stock number does not apply.

- KF Item Type Number
- LT Lot Number
- MF Manufacturer

When used, cite the DUNS number of the manufacturer in the following data element.

MG Manufacturer's Part Number When used, a second 235/234 pair must be used citing either code MF or ZB.

MN Model 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)

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.

RC Returnable Container No.

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

SN Serial Number

Use to indicate the serial number of the item cited in JIL02. For example, the serial number of an aircraft engine that is to be repaired.

SV Service Rendered Use to indicate (in text) the service being ordered.

SW Stock Number

Use to indicate a local stock number.

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

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 contractor other than a manufacturer.

ZB Commercial and Government Entity (CAGE) Code Use to indicate a manufacturer who can be identified by a CAGE code. Refer to 003050 Data Element Dictionary for acceptable code values.

PO107	234	Product/Service ID	Х	AN	1/40
		Identifying number for a product or service			
PO108	235	Product/Service ID Qualifier	X	ID	2/2
		Code identifying the type/source of the descriptive n Product/Service ID (234)	umber used	in	
PO109	234	Product/Service ID	Х	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 n Product/Service ID (234)	umber used	in	
PO111	234	Product/Service ID	Х	AN	1/40
		Identifying number for a product or service			
0.4		1/		14340	

251 - Pricing	Support					
	PO112	235	Product/Service ID Qualifier	Χ	ID	2/2
			Code identifying the type/source of the descriptive number	used	in	
	P.0112	024	Product/Service ID (234)			1 / 40
	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 Product/Service ID (234)	used	in	
	PO115	234	Product/Service ID	Χ	AN	1/40
			Identifying number for a product or service			
	PO116	235	Product/Service ID Qualifier	Χ	ID	2/2
			Code identifying the type/source of the descriptive number	used	in	
			Product/Service ID (234)			
	PO117	234	Product/Service ID	X	AN	1/40
			Identifying number for a product or service			
	PO118	235	Product/Service ID Qualifier	Х	ID	2/2
			Code identifying the type/source of the descriptive number	used	in	
	DO110	224	Product/Service ID (234)	v	4 B.T	1/40
	PO119	234	Product/Service ID	X	AN	1/40
	DOIN		Identifying number for a product or service		ID	e / e
	PO120	235	Product/Service ID Qualifier	X	ID	2/2
			Code identifying the type/source of the descriptive number Product/Service ID (234)	used	IN	
	PO121	234	Product/Service ID (234)	x	AN	1/40
		201	Identifying number for a product or service			
	PO122	235	Product/Service ID Qualifier	х	ID	2/2
			Code identifying the type/source of the descriptive number			
			Product/Service ID (234)	uovu	••••	
	PO123	234	Product/Service ID	Χ	AN	1/40
			Identifying number for a product or service			
	PO124	235	Product/Service ID Qualifier	Χ	ID	2/2
			Code identifying the type/source of the descriptive number	used	in	
			Product/Service ID (234)			
	PO125	234	Product/Service ID	Х	AN	1/40
			Identifying number for a product or service			

Segment:	PID Product/Item Description
Position:	180
Loop:	PO1
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 PID0I = ``F", then PID05 is used. If PID01 = ``S", then PID04 is used. If PID0I =
	``X", then both PID04 and PID05 are used.
	2 Use PID06 when necessary to refer to the product surface or layer being described in
	the segment.
	3 PID07 specifies the individual code list of the agency specified in PID03.
Notes:	1. Use to provide information related to the acquisition method of the Bill of Material
	item.

2. Use is REQUIRED when PO105 is code CA, CT, or QT.

	Ref.	Data				
	Des.	Element	Name	Att	ributes	5
Must Use	PID01	349	Item Description Type	Μ	ID	1/1
			Code indicating the format of a description			
			S Structured (From Industry Code List)			
	PID03	559	Agency Qualifier Code	X	ID	2/2
			Code identifying the agency assigning the code values			
			DF Department of Defense (DoD)			
	PID04	751	Product Description Code	X	AN	1/12
			A code from an industry code list which provides specific d characteristic Cite one of the following codes to describe how an item was procured:			product
			 CC Commercial Off-the-Shelf Product, (COTS) Competit CN Commercial Off-the-Shelf Product, (COTS) Not Comp Non COTS Not Competed, Only One Source NOn COTS Not Competed, Multiple Sources FF Non COTS Product, Full and Open Competition, Pri FP Non COTS Product, Full and Open Competition, Pri RF Non COTS Product, Restricted Competition, Price an RP Non COTS Product, Restricted Competition, Price O 	petea ce & ce Oi nd Ot	l Other nly	Factors

Segment:	QTY Quantity
Position:	190
Loop:	PO1
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify quantity information
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	Use to provide additional inform

Use to provide additional information regarding the total quantity identified in PO102, i.e., a breakdown of the quantity.

	Ref. <u>Des.</u>	Data <u>Element</u>	Name		Att	ribute	5
Must Use	QTY01	673	Quantity Qualifier		Μ	ID	2/2
			Code specifying the	type of quantity			
			20	Unusable Quantity			
				Use to indicate the scrap quantity.			
			99	Quantity Used			
				Use to indicate the quantity of the man end item.	terial	used ir	n the
Must Use	QTY02	380	Quantity Numeric value of qu	lantity	Μ	R	1/15
	QTY03	355	Unit or Basis for N	leasurement Code	0	ID	2/2
			which a measureme Use any code.	units in which a value is being express nt has been taken ta Element Dictionary for acceptable co			er in

Segment:	AMT Monetary Amount
Position:	200
Loop:	PO1
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To indicate the total monetary amount
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	Use to identify amounts (e.g., base unit p

price, upward/downward adjustment amounts, nonrecurring amounts, etc.) that apply to the unit price or total cost (qty x UP) of the item cited in the same PO1 loop.

			Data Eleme	nt Summary			
	Ref.	Data					
	Des.	<u>Element</u>	Name		Attr	ibutes	
Must Use	AMT01	522	Amount Qualifier (Code	Μ	ID	1/2
			Code to qualify amo	unt			
			СК	Adjustments			
				Use to indicate a discrete amount, that upward or downward adjustment, app amount cited in a previous AMT segme is code LI to arrive at the adjusted unit PO104 of the same PO1 loop. When th downward adjustment, a minus sign sh amount cited in AMT02.	olied ent wh price he am	to the hen AM e cited hount is	1T01 in s a
			LI	Line Item Unit Price			
				1. Use to indicate the base unit price us the adjusted proposed unit price cited is same PO1 loop.			
			NR	2. DO NOT USE THIS CODE if the pr price cited in PO104 is not adjusted, Nonrecurring	ropos	ed unit	t
				Use to indicate any nonrecurring amount the total amount ($qty \ x \ UP$) of the line is same PO1 loop.			
Must Use	AMT02	782	Monetary Amount Monetary amount		Μ	R	1/15

Dete Elevente

Notes:

PCT Percent Amounts Segment: 210 **Position:** PO1 Loop: Level: Detail Optional Usage: Max Use: >1 **Purpose:** To qualify percent amounts and supply percent amounts Syntax Notes: Semantic Notes: Comments:

1. Use to provide the factor, if any, applied to the line item unit price cited in the 2/AMT/200 segment when AMT01 is code LI to arrive at the adjusted unit price cited in PO104.

2. This segment is also used to provide the factor, if any, applied to the nonrecurring amount cited in the 2/AMT/200 segment when AMT01 is code NR, to arrive at the adjusted nonrecurring amount.

	Ref. Des.	Data Element	Name	Attributes
Must Use	<u>PCT01</u>	1004	Percent Qualifier	M ID 1/2
			Code to qualify per-	
			DF	Decrement Factor
				Use to indicate an upward or downward adjustment factor, for other than inflationary/deflationary changes, applied to the unit price cited in AMT02 (when AMT01 is code LI) to arrive at the adjusted unit price cited in PO104 of the same PO1 loop. When the factor is a downward adjustment factor, a minus sign shall precede the percent cited in PCT02.
			EF	Escalation Factor
			PR	Use to indicate an upward or downward adjustment factor, based upon inflationary/deflationary changes, applied to the unit price cited in AMT02 (when AMT01 is code LI) to arrive at the adjusted unit price cited in PO104 of the same PO1 loop. When the factor is a downward adjustment factor, a minus sign shall precede the percent cited in PCT02. Per Occurrence Limit
				Use to indicate an upward or downward adjustment factor applied to the nonrecurring amount cited in AMT02 (when AMT01 is code NR) to arrive at the adjusted nonrecurring amount. When the factor is a downward adjustment factor, a minus sign shall precede the percent cited in PCT02.
Must Use	PCT02	954	Percent	M R 1/10
			Percentage expresse	ed as a decimal

Segment:	REF Reference Numbers
Position:	220
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:	Use to identify the contractor(s) from whom the ite

Use to identify the contractor(s) from whom the item cited in the same PO1 loop was or will be procured.

	Ref.	Data						
	Des.	Element	Name		Attr	ibutes	6	
Must Use	REF01	128	Reference Number	Qualifier	Μ	ID	2/2	
			Code qualifying the l	Reference Number.				
			VQ	Related Contract Line Item Number				
			VR	Use to indicate the line item in either the 805 or 843 transaction set to which the item in the same PO1 loo applies. Vendor ID Number				
			W7	Use to identify the contractor by his D +4 number. This is the preferred code identification purposes. Commercial and Government Entity (e to us	e for		
				Use to identify the contractor by his CAGE code.				
			ZZ	Mutually Defined				
				Use to indicate a contractor that cann a DUNS, DUNS +4 or CAGE code. W provide the name of the contractor in	Vhen ı	ised,	ìed by	
	REF02	127	Reference Number		Χ	AN	1/30	
	REF03	352	Reference number or identification number as defined for a particularTransaction Set, or as specified by the Reference Number Qualifier.DescriptionXAN1/80					
			A free-form description to clarify the related data elements and their content					
			· · · · · · · · · · · · · · · · · · ·	ZZ, use to provide the contractor's na				

Segment:	LX Assigned Number
Position:	230
Loop:	LX
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To reference a line number in a transaction set
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	1. Use this loop to provide the purchase history for the Bill of Materials item identified in the preceding PO1 loop.

2. Each repetition of this loop represents a separate historical procurement.

	Ref. <u>Des.</u>	Data Element	Name	Attri	ibutes	5	
Must Use	LX01	554	Assigned Number	M	N0	1/6	
			Number assigned for differentiation within a transaction set				
			<i>A unique sequence number assigned by the originator of the transaction set, starting with the number 1 and going progressively higher, e.g., 1, 2, 3, etc.</i>				

	, support	_	_					
	Segment:	QTY	Quantity					
	Position:	240						
	Loop:	LX						
	Level: Detail							
	Usage:	Mandato	ry					
	Max Use:	1	, ,					
	Purpose:	To specif	y quantity inform	ation				
Svn	tax Notes:		· · · · · · · · · · · · · · · · · · ·					
-	ntic Notes:							
	Comments:							
Notes:		Use this	segment to identif	y the previously purchased que	intity			
notes.		050 1115		the previously purchased que				
			Data El	ement Summary				
	Ref.	Data						
	Des.	Element	Name			Attı	ibute	5
Must Use	QTY01	673	Quantity Quali	fier		Μ	ID	2/2
				the type of quantity				
			PP	Purchase of Product				
	OTVO	200		Turenase of Troduct		3.4	n	1 /1 -
Must Use	QTY02	380	Quantity	C		Μ	R	1/15
			Numeric value c					
Must Use	QTY03	355	Unit or Basis fo	r Measurement Code		0	ID	2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken *Use any code.*

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	AMT Monetary Amount
Position:	250
Loop:	LX
Level:	Detail
Usage:	Optional
Max Use:	2
Purpose:	To indicate the total monetary amount
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	Use to identify the previous unit price and the nonrecurring charge for the Bill of Materials item.

Must Use	Ref. <u>Des.</u> AMT01	Data <u>Element</u> 522	<u>Name</u> Amount Qualifier (Code to qualify amo		<u>Att</u> M	tribute ID	<u>es</u> 1/2	
			AX	Previous Price				
			NR	Use to indicate the unit price applicab purchase. Nonrecurring	le to	the		
				Use to indicate any nonrecurring amounts apple the total amount (qty x UP) of the line item cited same PO1 loop.				
Must Use	AMT02	782	Monetary Amount Monetary amount		Μ	R	1/15	

Segment:	NTE Note/Special Instruction			
Position:	260			
Loop:	LX			
Level:	Detail			
Usage:	Optional			
Max Use:	5			
Purpose:	To transmit information in a free-form format, if necessary, for comment or special instruction			
Syntax Notes:				
Semantic Notes:				
Comments: 1 The NTE segment permits free-form information/data which, under ANSI X11 standard implementations, is not machine processable. The use of the NTE segment therefore be avoided, if at all possible, in an automated environment.				
Notes:	<i>Use this segment to provide relevant information regarding the purchase history of the Bill of Materials item.</i>			
	Data Element Summary			
Ref.	Data			
Des.	Element Name Attributes			
Must Use NTE02	352 Description M AN 1/80			
	A free-form description to clarify the related data elements and their content			

Segment:	REF Reference Numbers
Position:	270
Loop:	LX
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:	

Must Use	Ref. <u>Des.</u> REF01	Data <u>Element</u> 128	<u>Name</u> Reference Number Code qualifying the	-	<u>Att</u> M	ributes ID	2/2	
			P1	Previous Contract Number				
				<i>Use to indicate the award instrument number under which the Bill of Materials item was purchased.</i>				
	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.					

Segment:	DTM Date/Time Reference
Position:	280
Loop:	LX
Level:	Detail
Usage:	Optional
Max Use:	1
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:	

			Data Elem	ent Summary			
Must Use	Ref. <u>Des.</u> DTM01	Data <u>Element</u> 374	<u>Name</u> Date/Time Qualifi	er	<u>Att</u> M	ributes ID	<u>s</u> 3/3
				be of date or time, or both date and time			
			103	Award			
				Use to indicate the date of the award i which the Bill of Materials item was particular the second sec			nder
	DTM02	373	Date		Χ	DT	6/6
			Date (YYMMDD)				
	DTM05	624	Century		0	NO	2/2
			The first two charac	cters in the designation of the year (CCY	Y)		

Segment:	N1 Name
Position:	290
Loop:	NI
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing
	organizational identification. To obtain this efficiency the "ID Code" (N104) must
	provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	1. Whenever possible, identification and address information should be provided using
	N101, N103, and N104. Use N102 and segments N2 through N4, as applicable, when the

address cannot be provided using one of the codes listed in N103.

2. Use this loop to identify the source from whom the Bill of Materials item was purchased and the customer for whom it was purchased.

			Data Eleme	ent Summary			
	Ref.	Data					
Must Use	<u>Des.</u> N101	<u>Element</u> 98	<u>Name</u> Entity Identifier Co	ode		ributes ID	2/2
wiust Use		50	•	organizational entity, a physical location			
			BY	Buying Party (Purchaser)	,, 01	an mai	, la a a la
			SE	Use to indicate the customer for whom Materials item was purchased. Selling Party	n the I	Bill of	
			SL		J D:	11 - C	
				Use to indicate the party from whom t Materials item was purchased.	пе ви	li of	
	N102	93	Name	materials tiem was parenasea.	X	AN	1/35
			Free-form name				
	N103	66	Identification Code	Qualifier	X	ID	1/2
			users of this implem	DI program uses the DUNS number, oth entation convention may require the us for a transition period in order to cross	e of o	ther an	d
			1	D-U-N-S Number, Dun & Bradstreet			
			9	Use of the DUNS and DUNS +4 number over other codes to identify an entity. D-U-N-S+4, D-U-N-S Number with F Suffix Use of the DUNS and DUNS +4 number over other codes to identify an entity.	Four C	Characte	er
			10	Department of Defense Activity Addr (DODAAC) Use to indicate a Department of Defen Agency Activity Address Code. Commercial and Government Entity (nse or	· Civilia	m
	N104	67	Identification Code		X	AN	2/20
		07	Code identifying a p		Λ		2/20
			e sue menti y mg a p	arty of other code			

Segment:	N2 Additional Name Information
Position:	300
Loop:	N1
Level:	Detail
Usage:	Optional
Max Use:	2
Purpose:	To specify additional names or those longer than 35 characters in length
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	This segment should only be used when N102 is used and it is necessary to provide additional name information.

			Data Element Summary			
	Ref.	Data				
	Des.	Element	Name	Att	ributes	5
Must Use	N201	93	Name	Μ	AN	1/35
			Free-form name			
	N202	93	Name	0	AN	1/35
			Free-form name			

Segment:	N3 Address Information
Position:	310
Loop:	Nl
Level:	Detail
Usage:	Optional
Max Use:	2
Purpose:	To specify the location of the named party
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	This segment should only be used when N102 is used.

	Ref.	Data					
	Des.	Element	Name	<u>A</u>	tt	ributes	6
Must Use	N301	166	Address Information Address information	Ν	1	AN	1/35
	N302	166	Address Information	()	AN	1/35
			Address information				

Segment:	N4 Geographic Location
Position:	320
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 should only be used when N102 is used.

Ref.	Data				
Des.	Element	Name	Att	ributes	5
N401	19	City Name	0	AN	2/30
		Free-form text for city name			
N402	156	State or Province Code	0	ID	2/2
		Code (Standard State/Province) as defined by appropriate g	overn	ment a	igency
N403	116	Postal Code	0	ID	3/11
		Code defining international postal zone code excluding pur (zip code for United States)	ictuati	ion and	l blanks
N404	26	Country Code	0	ID	2/3
		Code identifying the country			

Segment:	SE Transaction Set Trailer
Position:	330
Loop:	
Level:	Detail
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				
	Des.	Element	Name A	<u>ttri</u>	ibutes	•
Must Use	SE01	96	Number of Included Segments M	i	N0	1/10
			Total number of segments included in a transaction set includin	ig S	ST and	1 SE
			segments			
Must Use	SE02	329	Transaction Set Control Number M	l .	AN	4/9
			Identifying control number that must be unique within the trans	act	tion se	et
			functional group assigned by the originator for a transaction set			
			Cite the same number carried in ST02.			

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