LOWE'S EDI

850 (SOS) Purchase Order

Version: 004010

Author:	**Lowes Companies, Inc.**
Modified:	**7/3/2009**

850 Purchase Order

Functional Group=PO

Purpose: This document contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information. Lowe's will transmit Special Order (SOS) Purchase Orders using this EDI 850 document.

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
001	ISA	Interchange Control Header	M	1			Mandatory
002	GS	Functional Group Header	M	1			Mandatory
010	ST	Transaction Set Header	M	1			Mandatory
020	BEG	Beginning Segment for Purchase Order	M	1			Mandatory
040	CUR	Currency	O	1			Mandatory
050	REF	Reference Identification	O	>1			Mandatory
060	PER	Administrative Communications Contact	O	3			Mandatory
080	FOB	F.O.B. Related Instructions	O	>1			Mandatory
150	DTM	Date/Time Reference	O	10			Mandatory
280	CTB	Restrictions/Conditions	O	5			Optional
LOOP ID - N1					**>1**		
310	N1	Name	O	1			Mandatory
330	N3	Address Information	O	2			Mandatory
340	N4	Geographic Location	O	>1			Mandatory
360	PER	Administrative Communications Contact	O	>1			Optional

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - PO1					**100000**		
010	PO1	Baseline Item Data	M	1			Mandatory
LOOP ID - PID					**1000**		
050	PID	Product/Item Description	O	1			Optional

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - CTT					**1**		
010	CTT	Transaction Totals	O	1			Mandatory
030	SE	Transaction Set Trailer	M	1			Mandatory

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
031	GE	Functional Group Trailer	M	1			Mandatory
032	IEA	Interchange Control Trailer	M	1			Mandatory

Please Note:

Once live with the transmission of SOS orders, a need may still arise when a production SOS order must be manually faxed.   This could occur if an item in not in the SOS electronic catalog.

One ST will be sent per ISA for SOS 850 purchase order transactions.

ISA Interchange Control Header

Pos: 001	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Mandatory

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Mandatory	1

Code Name

00   No Authorization Information Present (No Meaningful Information in I02)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ISA02	I02	**Authorization Information**	M	AN	10/10	Mandatory	1

Please Note:

This element will be filled with spaces.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Mandatory	1

Code Name

00   No Security Information Present (No Meaningful Information in I04)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ISA04	I04	**Security Information**	M	AN	10/10	Mandatory	1

Please Note:

This element will be filled with spaces.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Mandatory	1

Code Name

08   UCC EDI Communications ID (Comm ID)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Mandatory	1

Example: *6135830001*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Mandatory	1

All valid X12 codes are used.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Mandatory	1
ISA09	I08	**Interchange Date**	M	DT	6/6	Mandatory	1
ISA10	I09	**Interchange Time**	M	TM	4/4	Mandatory	1
ISA11	I10	**Interchange Control Standards Identifier**	M	ID	1/1	Mandatory	1

All valid X12 codes are used.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Mandatory	1

Code   Name

00400 Standard Issued as ANSI X12.5-1997

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Mandatory	1
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Mandatory	1

Code Name

0   No Acknowledgment Requested

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ISA15	I14	**Usage Indicator**	M	ID	1/1	Mandatory	1

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
		Code **Name**					
		P Production Data					
		T Test Data					
ISA16	I15	**Component Element Separator**	M		1/1	Mandatory	1

Example:

Listed below is an example of the data.

*ISA*00*   *00*   *08*6135830001*01*receiver's id *980826*1700*U*00400*000000001*0*P*>*

GS   Functional Group Header

Pos: 002	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elements: 8**

User Option (Usage): Mandatory

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
GS01	479	**Functional Identifier Code**	M	ID	2/2	Mandatory	1

Code	Name
PO	Purchase Order (850)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
GS02	142	**Application Sender's Code**	M	AN	2/15	Mandatory	1

Please Note:

The Sender Id in GS02 is 6135830001.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
GS03	124	**Application Receiver's Code**	M	AN	2/15	Mandatory	1
GS04	373	**Date**	M	DT	8/8	Mandatory	1
GS05	337	**Time**	M	TM	4/8	Mandatory	1
GS06	28	**Group Control Number**	M	N0	1/9	Mandatory	1
GS07	455	**Responsible Agency Code**	M	ID	1/2	Mandatory	1

Code	Name
X	Accredited Standards Committee X12

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Mandatory	1

Code	Name
004010	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997

Example:

Listed below is an example of the data.

GS*PO*6135830001*receiver's id*19980826*1646*000000001*X*004010

ST   Transaction Set Header

Pos: 010	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Mandatory

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Mandatory	1

Code	**Name**
850	Purchase Order

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Mandatory	1

Please Note:

The transaction set control number is used to determine if data has been lost or duplicated.

Example:

Listed below is an example of the data.

*ST*850*000000001*

BEG   Beginning Segment for Purchase Order

Pos: 020	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elements: 4**

User Option (Usage): Mandatory

Purpose: To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BEG01	353	**Transaction Set Purpose Code**	M	ID	2/2	Mandatory	1

Code	Name
00	Original
01	Cancellation
05	Replace

Please Note:

The 05 code is not currently used, however is planned for future implementation.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BEG02	92	**Purchase Order Type Code**	M	ID	2/2	Mandatory	1

Code	Name
DR	Direct Ship

Please Note:

Designates vendor to ship directly to customer. Otherwise, if "OS" then shipment is to be made to Lowe's store.

Code	Name
OS	Special Order

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BEG03	324	**Purchase Order Number**	M	AN	1/22	Mandatory	1

Example: *Lowe's Order Number*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BEG05	373	**Date**	M	DT	8/8	Mandatory	1

Please Note: *Lowe's original purchase order date*

Example:

Listed below is an example of the data.

*BEG*00*OS*12345**19980826*

810 TURN AROUND INFORMATION:
The Purchase Order transmitted in the BEG-03 of the 850 PO must be returned in the BIG-04 field of the 810 invoice.

CUR Currency

Pos: 040	**Max: 1**
Heading - Optional	
Loop: N/A	**Elements: 2**

User Option (Usage): Mandatory

Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
CUR01	98	**Entity Identifier Code**	M	ID	2/3	Mandatory	1

Code	Name
SE	Selling Party

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
CUR02	100	**Currency Code**	M	ID	3/3	Mandatory	1

Example:

All orders will be transmitted with a Currency Code. Listed below is an example of the data.

*CUR*SE*CAD*

810 TURN AROUND INFORMATION:
You must return the CUR segment, just as you receive it, in the 810.

REF   Reference Identification

Pos: 050	**Max: >1**
Heading - Optional	
Loop: N/A	**Elements: 2**

User Option (Usage): Mandatory

Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Mandatory	1

Code	Name
F8	Original Reference Number
IA	Internal Vendor Number
JB	Job (Project) Number
K6	Purchase Description
KD	Special Instructions Number (Installation Type)
PH	Priority Rating
SA	Salesperson

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF02	127	**Reference Identification**	C	AN	1/30	Mandatory	1

Example: *When REF01 = IA, then REF02 = Lowe's Vendor Number (max 9 digits)*

When REF01 = JB, then REF02 = Lowe's Project Number (allow for max 30 digits)

When REF01 = SA, then REF02 = Lowe's Salesman Number (max 10 digits)

Installed Sales Only
When REF01=PH, then REF02 = INSTALL SALE, this is used to indicate a priority order for Lowe's install.

Countertop EDI Vendors Only
When REF01 = K6 and REF02 = NEW, this indicates the project type is a New Construction.

When REF01 = K6 and REF02 = REM, this indicates the project type is a Remodel.

When REF01 = F8, then REF02 = Unique Key to use as reference with JPEG file.

When REF01 = KD and REF02 = 1, this indicates the install type is Cabinets Only.

When REF01 = KD and REF02 = 2, this indicates the install type is Countertops Only.

When REF01 = KD and REF02 = 3, this indicates the install type is Cabinets and Countertops.

Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**	**Rep**

Example:

Listed below is an example of the data.

*REF*IA*000012345*
*REF*JB*987135035*
*REF*SA*54321*

Installed Sales Only:
REF*PH*INSTALL SALE

Countertop EDI Vendors Only:
*REF*F8*123456789*
*REF*K6*NEW*
*REF*K6*REM*
*REF*KD*1*
*REF*KD*2*
*REF*KD*3*

Please Note:

The data value in the REF-02 element in both the REF*IA segment and the REF*JB segment must be echoed back in the 870 exactly as transmitted in the 850 or the 870 status will not be applied in Lowe's system. This is required for all 870's from all vendors.

Countertop EDI Vendors: In addition to previous note, you must not return the value sent in the REF*F8 as the value for REF*JB in the 870. The two REF*JB segments must match between the 850 and 870 documents.

Only one of the REF*K6 segments and only one of the REF*KD segments will be provied in each 850.

Installed Sales: Not required to be returned on the 870.

PER Administrative Communications Contact

Pos: 060	Max: 3
Heading - Optional	
Loop: N/A	Elements: 4

User Option (Usage): Mandatory

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PER01	366	**Contact Function Code**	M	ID	2/2	Mandatory	1

> **Code** **Name**
> OC   Order Contact

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PER02	93	**Name**	O	AN	1/60	Optional	1
PER03	365	**Communication Number Qualifier**	C	ID	2/2	Optional	1

> **Code** **Name**
> TE   Telephone

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PER04	364	**Communication Number**	C	AN	1/80	Optional	1

Example:

Listed below is an example of the data.

*PER*OC*Salesperson John Doe*TE*9999999999*

Please Note:

The saleperson's name and store phone number will be sent in the PER segment.

FOB F.O.B. Related Instructions

Pos: 080	**Max: >1**
Heading - Optional	
Loop: N/A	**Elements: 1**

User Option (Usage): Mandatory

Purpose: To specify transportation instructions relating to shipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
FOB01	146	**Shipment Method of Payment**	M	ID	2/2	Mandatory	1

Code	Name
PP	Prepaid (by Seller)

Example:

Listed below is an example of the data.

*FOB*PP*

810 TURN AROUND INFORMATION:
Please return the FOB segment, just as you received it, in the FOB segment of the 810 invoice.

DTM Date/Time Reference

Pos: 150	**Max: 10**
Heading - Optional	
Loop: N/A	**Elements: 2**

User Option (Usage): Mandatory

Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Mandatory	1

	Code	Name
	002	Delivery Requested
	230	Installation
	373	Order Start

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
DTM02	373	**Date**	C	DT	8/8	Mandatory	1

Please Note: *This will always be an eight-digit date (CCYYMMDD).*

When DTM01=002, then DTM02=Requested Delivery Date.

Countertop EDI Vendors Only

Only one of the following DTM segments will be provided in each 850.*

When DTM01=373, then DTM02=Order Start Date-Expected Template Date.

When DTM01=230, then DTM02=Installation Date.

Example:

Listed below is an example of the data.

*DTM*002*19980826*

Countertop EDI Vendors Only:

Only one of the following DTM segments will be provided in each 850, not both.
*DTM*373*20041201*
*DTM*230*20041217*

810 TURN AROUND INFORMATION:
The information received from the 850 DTM is not automatically returned back in the 810 invoice. The qualifiers change from the 850 to the 810 invoice.

CTB Restrictions/Conditions

<table>
<tr><td>Pos: 280</td><td>Max: 5</td></tr>
<tr><td colspan="2">Heading - Optional</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Optional

Purpose: To specify restrictions/conditions (such as shipping, ordering)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
CTB01	688	**Restrictions/Conditions Qualifier**	M	ID	2/2	Mandatory	1

Code	Name
SR	Shipping

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
CTB02	352	**Description**	C	AN	1/80	Mandatory	1

Example:

Listed below is an example of the data.

*CTB*SR*Shipping Instructions*

Please Note:

This segment may be used to send directions to the delivery address and delivery time information.

N1 Name

Pos: 310	**Max: 1**
Heading - Optional	
Loop: N1	**Elements: 4**

User Option (Usage): Mandatory

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N101	98	**Entity Identifier Code**	M	ID	2/3	Mandatory	1

> **Example: Lowe's will use three types of order movement:**
>
> **1) Shipped to Lowe's Store**
>
> **2) Shipped Direct to customer/installer**
>
> **3) Cross Docked through the Lowe's DC**
>
>
> **1) When the SOS order is shipped to Lowe's store location:**
>
> **- ST is used to identify Lowe's store.**
>
> **-OB is used to identify the Name of the Buying Customer (Last Name, First Name includes comma separator).**
>
>
> **2) When the SOS order is shipped direct to the customer/installer:**
>
> **-ST is used to identify the Name of the Person Receiving the Shipment (can be receiving customer's name or installer's name).**
>
> **-SN is used to identify tthe Lowe's store number**
>
> **from which the order was generated.**
>
> **-OB is used to identify the Name of the Buying Customer (Last Name, First Name includes comma separator).**
>
>
> **3) When the SOS order is cross docked:**
>
> **-ST is used for Lowe's DC.**
>
> **-MA is used for Lowe's store from which the order was generated.**
>
> **-OB is used to identify the Name of the Buying Customer (Last Name, First Name includes comma separator).**

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
		Code **Name**					
		MA Party for whom Item is Ultimately Intended					
		OB Ordered By					
		SN Store					
		ST Ship To					
N102	93	**Name**	C	AN	1/60	Mandatory	1
		Example: *Used to send the customer's name for a direct delivery or used to send the Lowe's location name for a store delivery.*					
N103	66	**Identification Code Qualifier**	C	ID	1/2	Optional	1
		Code **Name**					
		12 Telephone Number (Phone)					
		93 Code assigned by the organization originating the transaction set					
N104	67	**Identification Code**	C	AN	2/10	Optional	1
		Example: *Note - Maximum Allowed for N104 is 11 digits.* *When N103 = 93, then N104 = Lowe's Location (5-digits, zero-filled)* *When N103 = 12, then N104 = Buying Customer's/Installer's Phone Number (return the phone number in the 870 as sent in the 850)*					

Example:

When the order is direct ship to the customer,
*N1*ST*Name of Person Receiving Shipment*12*999 9999999*
*N1*SN**93*00655*
*N1*OB*Buying Customer's Last, First Name*12*999 9999999*
(If printing phone number on the direct delivery order, the N104 (phone number) should be used for the shipping label when N101 = ST. The PER04 provides additional contact numbers.)

When the order is shipped to a retail Lowe's location,
*N1*ST**93*00655*
*N1*OB*Buying Customer's Last, First Name*12*999 9999999*

Currently, we will not send cross dock information on the SOS 850. However, there is a project underway to add this information. Therefore, this section has been included so you can plan for the additional qualifier. These specs will be updated when the cross dock information has been moved to production.
When the order is cross-docked through a DC to a retail Lowe's location,
*N1*ST**93*00960*
*N1*MA**93*00655*
*N1*OB*Buying Customer's Last, First Name*12*999 9999999*

810 TURN AROUND INFORMATION:
You must return the store number received in the 850 back in the 810 invoice. Sometimes the store number is sent with the ST qualifer of the 850 and some times it is sent with the SN qualifer of the 850. Also, please be sure to map the store number using the correct qualifier in the 810. The qualifiers in the 810 do not match the qualifiers sent in the 850.

N3 Address Information

<table>
<tr><td>Pos: 330</td><td>Max: 2</td></tr>
<tr><td colspan="2">Heading - Optional</td></tr>
<tr><td>Loop: N1</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Mandatory

Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N301	166	**Address Information**	M	AN	1/55	Mandatory	1
N302	166	**Address Information**	O	AN	1/55	Optional	1

Example:

Used when the N1-01 is equal to ST. Identifies the ship to address. If the purchase order is direct to customer/installer, it is necessary to extract the ship-to street address sent in both the N301 and N302 fields.

To accommodate SOS order delivery to customers with unusually long addresses there is also an additional N3 segment. Therefore, it will be possible, to receive two N3 segments, each containing address information.
Listed below is an example of the data.

*N3*street address1*street address2*
*N3*street address 3*

810 TURN AROUND INFORMATION:
Turn around the data as received in the 850 PO, for the 810 invoice.

N4 Geographic Location

Pos: 340	**Max: >1**
Heading - Optional	
Loop: N1	**Elements: 4**

User Option (Usage): Mandatory

Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N401	19	**City Name**	O	AN	2/30	Mandatory	1
N402	156	**State or Province Code**	O	ID	2/2	Mandatory	1
N403	116	**Postal Code**	O	ID	3/15	Mandatory	1
N404	26	**Country Code**	O	ID	2/3	Mandatory	1

Example:

Used when the N1-01 is equal to ST. Identifies the ship to address.

The Canadian Standard Postal Format must be used. The postal code should be in upper case and expressed in the format of ANA NAN, where A = alpha and N = numeric. It should have one space between the first three and last three positions.

The country code used is the three letter ISO 3166 international standard code (USA/CAN).

Listed below is an example of the data.

*N4*city*state*zip*country code*

810 TURN AROUND INFORMATION:
You must turn around the N4 segment, as received in the 850 PO, in the N4 segment of the 810 invoice.

PER   Administrative Communications Contact

Pos: 360	**Max: >1**
Heading - Optional	
Loop: N1	**Elements: 8**

User Option (Usage): Optional

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PER01	366	**Contact Function Code**	M	ID	2/2	Mandatory	1

Code	Name
NT	Notification Contact

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PER02	93	**Name**	O	AN	1/60	Optional	1
PER03	365	**Communication Number Qualifier**	C	ID	2/2	Optional	1

Code	Name
WP	Work Phone Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PER04	364	**Communication Number**	C	AN	1/80	Optional	1
PER05	365	**Communication Number Qualifier**	C	ID	2/2	Optional	1

Code	Name
HP	Home Phone Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PER06	364	**Communication Number**	C	AN	1/80	Optional	1
PER07	365	**Communication Number Qualifier**	C	ID	2/2	Optional	1

Code	Name
EM	Electronic Mail

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PER08	364	**Communication Number**	C	AN	1/80	Optional	1

Example:

Identifies the contact information of the person receiving the shipment (can be receiving customer's name or installer's name. Listed below is an example of the data.

*PER*NT*Name of Person Receiving Shipment*HP*336 6581234*WP*336 6584200*EM*john.doe@address.xxx*

PO1 Baseline Item Data

Pos: 010	Max: 1
Detail - Mandatory	
Loop: PO1	Elements: 11

User Option (Usage): Mandatory

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PO101	350	**Assigned Identification**	O	AN	1/20	Mandatory	1

> **Please Note:** *Lowe's may split orders between vendors. For this reason, the assigned line number may not be sequential on an order. The assigned line number is required when sending detail level 870 Order Statuses back to Lowe's. The vendor should send the items back in the 870 in the same sequence that was received in the 850 and with the same line item number as sent in the 850.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PO102	330	**Quantity Ordered**	C	R	1/15	Mandatory	1
PO103	355	**Unit or Basis for Measurement Code**	O	ID	2/2	Mandatory	1

> **Please Note:** *All standard X12 codes are used.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PO104	212	**Unit Price**	C	R	1/17	Mandatory	1

> **Please Note:**
>
> *Lowe's may send a price with up to 4 digits to the right of a decimal.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PO105	639	**Basis of Unit Price Code**	O	ID	2/2	Optional	1

> **Please Note:**
>
> *The NC qualifier will be sent for product that is free of charge. The QT qualifier will be sent for product where the "quoted price" is expressed in a different unit of measurement than the quantity ordered. For example, when ordering some types of lumber, the quantity will be expressed in "Eaches", but the price quoted will be per "Thousand board feet". The element will be left empty if neither the "QT' or "NC' apply.*

Code	Name
NC	No Charge
QT	Quoted

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PO106	235	**Product/Service ID Qualifier**	C	ID	2/2	Mandatory	1

> **Please Note:**
>
> *Typically, the CB qualifier is sent, unless the seller requests the IN qualifier. Both qualifiers refer to Lowe's item number.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
		Code Name					
		CB Buyer's Catalog Number					
PO107	234	**Product/Service ID**	C	AN	1/9	Mandatory	1

Please Note: *A specific product code will be used when conveying exceptional freight charges due to requested special delivery. Lowe's SOS Catalog Specialist will define the specific product code that will be included in the 850 purchase order.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PO108	235	**Product/Service ID Qualifier**	C	ID	2/2	Optional	1
		Code Name					
		VC Vendor's (Seller's) Catalog Number					
PO109	234	**Product/Service ID**	C	AN	1/20	Optional	1
PO110	235	**Product/Service ID Qualifier**	C	ID	2/2	Optional	1
		Code Name					
		UK U.P.C./EAN Shipping Container Code (1-2-5-5-1)					
		UP U.P.C. Consumer Package Code (1-5-5-1)					
PO111	234	**Product/Service ID**	C	AN	12/14	Optional	1

Example:

Listed below is an example of the data.

*PO1*1*1*EA*123.45*QT*CB*12345*VC*ABCDEF*UK*00123456789012*
*PO1*1*1*EA*123.45*QT*CB*12345*VC*ABCDEF*UP*123456789012*

810 TURN AROUND INFORMATION:
You must return the PO1 segment, just as you received it in the 850, in the IT1 segment of the 810 invoice.

PID Product/Item Description

Pos: 050	**Max: 1**
Detail - Optional	
Loop: PID	**Elements: 4**

User Option (Usage): Optional

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PID01	349	**Item Description Type**	M	ID	1/1	Mandatory	1

    Code Name
    F   Free-form
    X   Semi-structured (Code and Text)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PID03	559	**Agency Qualifier Code**	C	ID	2/2	Optional	1

    Example: *Only used when sending configurable item information.*

    Code Name
    ZZ   Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PID04	751	**Product Description Code**	C	AN	1/12	Optional	1

    Example: *Only used when sending configurable item information. This will contain a label describing the contents of PID05.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PID05	352	**Description**	C	AN	1/80	Mandatory	1

Example:

Listed below is an example of the data.

*PID*F****1 QT PERENNIALS*

Configurable items may also use a semi-structured format (PID01 = X) as follows.
PID~X~~ZZ~PRODUCT CODE~ABCDEF12345G
PID~X~~ZZ~COMPOSITE ID~00000001
PID~X~~ZZ~QUESTION~DIVISION
PID~X~~ZZ~ANSWER~MILLWORK

Packaging of Multiple Items - For vendors with items in the SOS Kitchen Design Catalog or SOS Configureables Catalog, some items may be ordered as individual line items but may need to be packaged together. The data value sent to the vendor in the 850 for the PID-05 element in the PID segment with Composite ID identifies which items should be packaged together prior to shipment. Following is an example of what the line item data will look like in the 850. Please note the data value for the PID-05 element in the PID segment with Composite ID will be sent as 80 bytes although this is not reflected in the example. We do not zero-suppress that data field.

Example of line item data for multiple items to be packaged together.
Item 1, Item 2, and Item 3 should be packaged together as identified in the PID segment with the "Composite ID" in the PID-04 and the same value of "00000001" in the PID-05.
Item 4 should be packaged separately.
Item 5 and 6 should be packaged together as identified by the same value of "00000003" in the PID-05 in the PID Composite ID segment.
*PO1*1*1*EA*123.45*QT*CB*12345*VC*ABCDEF*
PID~X~~ZZ~PRODUCT CODE~ABCDEF12345G\\ (note if the smart part number is null, the first PID will include freeform text instead of including the PID with the Product Code; for example, "PID*F****K-715-47 ALM LH")
PID~X~~ZZ~COMPOSITE ID~00000001
PID~X~~ZZ~QUESTION~DIVISION
PID~X~~ZZ~ANSWER~MILLWORK
*PO1*2*1*EA*55.25*QT*CB*22333*VC*ABCDDD*
PID~X~~ZZ~PRODUCT CODE~ABCDEF12388Z
PID~X~~ZZ~COMPOSITE ID~00000001
PID~X~~ZZ~QUESTION~DIVISION

PID~X~~ZZ~ANSWER~MILLWORK
*PO1*3*1*EA*33.75*QT*CB*33344*VC*ABCZZZ*
PID~X~~ZZ~PRODUCT CODE~ABCDEF12399D
PID~X~~ZZ~COMPOSITE ID~00000001
PID~X~~ZZ~QUESTION~DIVISION
PID~X~~ZZ~ANSWER~MILLWORK
*PO1*4*1*EA*99.99*QT*CB*99988*VC*XXXZZZ*
PID~X~~ZZ~PRODUCT CODE~ABCDEF18899F
PID~X~~ZZ~COMPOSITE ID~00000002
PID~X~~ZZ~QUESTION~DIVISION
PID~X~~ZZ~ANSWER~MILLWORK
*PO1*5*1*EA*111.11*QT*CB*55335*VC*ABBBB*
PID~X~~ZZ~PRODUCT CODE~ABCDEF99887L
PID~X~~ZZ~COMPOSITE ID~00000003
PID~X~~ZZ~QUESTION~DIVISION
PID~X~~ZZ~ANSWER~MILLWORK
*PO1*6*1*EA*955.25*QT*CB*77777*VC*CCCCC*
PID~X~~ZZ~PRODUCT CODE~ABCDEF77866Z
PID~X~~ZZ~COMPOSITE ID~00000003
PID~X~~ZZ~QUESTION~DIVISION
PID~X~~ZZ~ANSWER~MILLWORK

810 TURN AROUND INFORMATION:
You must return the PID segment, just as you received it in the 850, in the PID segment of the 810 invoice.

CTT   Transaction Totals

Pos: 010	**Max: 1**
Summary - Optional	
Loop: CTT	**Elements: 1**

User Option (Usage): Mandatory

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
CTT01	354	**Number of Line Items**	M	N0	1/6	Mandatory	1

Example:

Listed below is an example of the data.

*CTT*1*

SE Transaction Set Trailer

Pos: 030	**Max: 1**
Summary - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Mandatory

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)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
SE01	96	**Number of Included Segments**	M	N0	1/10	Mandatory	1
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Mandatory	1

Please Note:

The control number must match the control number in ST02

Example:

Listed below is an example of the data.

*SE*15*000000001*

GE   Functional Group Trailer

Pos: 031	Max: 1
Heading - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Mandatory

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Mandatory	1
GE02	28	**Group Control Number**	M	N0	1/9	Mandatory	1

Please Note:

The control number must match the control number in the GS08

Example:

Listed below is an example of the data.

*GE*1*000000001*

IEA **Interchange Control Trailer**

Pos: 032	Max: 1
Heading - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Mandatory

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Mandatory	1
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Mandatory	1

Please Note:

The control number must match the control number in ISA13

Example:

Listed below is an example of the data.

*IEA*1*000000001*