

LOWE'S EDI

810 Invoice for PROCUREMENT

Version: 5040

Modified: 7/17/2013

Table of Contents

810	Invoice	3
ISA	Interchange Control Header	5
GS	Functional Group Header	7
ST	Transaction Set Header	9
BIG	Beginning Segment for Invoice	10
CUR	Currency.....	11
REF	Reference Information	12
IT1	Baseline Item Data (Invoice).....	13
PAM	Period Amount	15
PID	Product/Item Description	16
SR	Requested Service Schedule.....	17
N1	Party Identification	18
TDS	Total Monetary Value Summary	19
TXI	Tax Information	20
SAC	Service, Promotion, Allowance, or Charge Information.....	21
CTT	Transaction Totals.....	22
SE	Transaction Set Trailer	23
GE	Functional Group Trailer	24
IEA	Interchange Control Trailer	25

810**Invoice****Functional Group=IN**

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Invoice Transaction Set (810) 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 billing for goods and services provided.

Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	ISA	Interchange Control Header	M	1			Mandatory
	GS	Functional Group Header	M	1			Mandatory

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0100	ST	Transaction Set Header	M	1			Mandatory
0200	BIG	Beginning Segment for Invoice	M	1			Mandatory
0400	CUR	Currency	O	1			Mandatory
0500	REF	Reference Information	O	3			Mandatory

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID - IT1					200000		
0100	IT1	Baseline Item Data (Invoice)	O	1			Mandatory
0550	PAM	Period Amount	O	1			Mandatory
LOOP ID - PID					1000		
0600	PID	Product/Item Description	O	1			Mandatory
1750	SR	Requested Service Schedule	O	1			Mandatory
LOOP ID - N1					200		
2400	N1	Party Identification	O	1			Mandatory

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0100	TDS	Total Monetary Value Summary	M	1			Mandatory
0200	TXI	Tax Information	O	>1			Optional
LOOP ID - SAC					>1		
0400	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Optional
0700	CTT	Transaction Totals	O	1		N3/0700	Mandatory

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0800	SE	Transaction Set Trailer	M	1			Mandatory
	GE	Functional Group Trailer	M	1			Mandatory
	IEA	Interchange Control Trailer	M	1			Mandatory

Transaction User Note:

This transaction is used by Lowe's Procurement Suppliers to submit an Invoice to Lowe's.

Only one purchase order per invoice. For purchase orders with multiple ship to locations, the multiple ship to locations should be included within the same 810 Invoice.

See N1 segment for handling Invoices with an alpha or alpha-numeric Ship To ID for consolidation locations.

For all returns, Lowe's will debit the Supplier's account; a credit invoice should not be submitted by the Supplier.

*Please review the business rules pertaining to Procurement transactions on LowesLink®
http://www.loweslink.com/llmain/pubdocuments/spmSpend_Management_Supplier_Requirements.pdf*

All usages under the label "Req" denote X12 usages. All usages under the label "Usage" denote Lowe's usage.

One Document Type per Interchange

When sending inbound documents to Lowe's, an interchange should include only one document type. For example, do not include 810's with 855's. You can include multiples of the same document type in an interchange but do not mix the document types. Only 855's should be included in an interchange when sending the Purchase Order Acknowledgment.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - 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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	Mandatory
Description: Code identifying the type of information in the Authorization Information						
CodeList Summary (Total Codes: 9, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		00		No Authorization Information Present (No Meaningful Information in I02)		
ISA02	I02	Authorization Information	M	AN	10/10	Mandatory
Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)						
Element User Note: <i>This element will be filled with spaces.</i>						
ISA03	I03	Security Information Qualifier	M	ID	2/2	Mandatory
Description: Code identifying the type of information in the Security Information						
CodeList Summary (Total Codes: 2, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		00		No Security Information Present (No Meaningful Information in I04)		
ISA04	I04	Security Information	M	AN	10/10	Mandatory
Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)						
Element User Note: <i>This element will be filled with spaces.</i>						
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Mandatory
Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified						
All valid standard codes are used. (Total Codes: 41)						
ISA06	I06	Interchange Sender ID	M	AN	15/15	Mandatory
Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element						
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Mandatory
Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified						
Element User Note: <i>The receiver qualifier for Lowe's is 08.</i>						
CodeList Summary (Total Codes: 41, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		08		UCC EDI Communications ID (Comm ID)		
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Mandatory
Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them						
Element User Note: <i>The receiver ID for Lowe's USA is 6135830004. The receiver ID for Lowe's Canada is 6135830006.</i>						
ISA09	I08	Interchange Date	M	DT	6/6	Mandatory
Description: Date of the interchange						
ISA10	I09	Interchange Time	M	TM	4/4	Mandatory

Description: Time of the interchange

ISA11 165 **Repetition Separator** M 1/1 Mandatory

Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator

Element User Note: The value in the ISA11 should be the caret (^) which has an ASCII hex value of 5E.

ISA12 111 **Interchange Control Version Number** M ID 5/5 Mandatory

Description: Code specifying the version number of the interchange control segments

CodeList Summary (Total Codes: 24, Included: 1)

<u>Code</u>	<u>Name</u>
00500	ASC X12 Standards Issued by ANSI in 2003

ISA13 112 **Interchange Control Number** M NO 9/9 Mandatory

Description: A control number assigned by the interchange sender

ISA14 113 **Acknowledgment Requested** M ID 1/1 Mandatory

Description: Code indicating sender's request for an interchange acknowledgment

CodeList Summary (Total Codes: 2, Included: 1)

<u>Code</u>	<u>Name</u>
0	No Interchange Acknowledgment Requested

ISA15 114 **Interchange Usage Indicator** M ID 1/1 Mandatory

Description: Code indicating whether data enclosed by this interchange envelope is test, production or information

CodeList Summary (Total Codes: 3, Included: 2)

<u>Code</u>	<u>Name</u>
P	Production Data
T	Test Data

ISA16 115 **Component Element Separator** M 1/1 Mandatory

Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator

Element User Note: The ISA16 should include the greater than character >

Segment Data Example:

Example of ISA segment for USA transactions.

ISA*00* *00* *01*SENDER ID *08*6135830004 *120501*1700*^*00500*000000009*0*P*>|

Example of ISA segment for Canada transactions.

ISA*00* *00* *01*SENDER ID *08*6135830006 *120501*1700*^*00500*000000009*0*P*>|

GS

Functional Group Header

Pos:	Max: 1
Not Defined - 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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GS01	479	Functional Identifier Code	M	ID	2/2	Mandatory

Description: Code identifying a group of application related transaction sets

CodeList Summary (Total Codes: 261, Included: 1)

<u>Code</u>	<u>Name</u>
IN	Invoice Information (810)

GS02	142	Application Sender's Code	M	AN	2/15	Mandatory
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Description: Code identifying party sending transmission; codes agreed to by trading partners

GS03	124	Application Receiver's Code	M	AN	2/15	Mandatory
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Description: Code identifying party receiving transmission; codes agreed to by trading partners

Element User Note: *The receiver ID for Lowe's USA is 6135830004. The receiver ID for Lowe's Canada is 6135830006.*

GS04	373	Date	M	DT	8/8	Mandatory
------	-----	-------------	---	----	-----	-----------

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

GS05	337	Time	M	TM	4/8	Mandatory
------	-----	-------------	---	----	-----	-----------

Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

GS06	28	Group Control Number	M	N0	1/9	Mandatory
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Description: Assigned number originated and maintained by the sender

GS07	455	Responsible Agency Code	M	ID	1/2	Mandatory
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Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480

CodeList Summary (Total Codes: 2, Included: 1)

<u>Code</u>	<u>Name</u>
X	Accredited Standards Committee X12

GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12	Mandatory
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Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

CodeList Summary (Total Codes: 64, Included: 1)

<u>Code</u>	<u>Name</u>
005040	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2006

Segment Data Example:

Example of GS segment for USA transactions.

`GS*IN*SENDERID*6135830004*20120501*1646*00000009*X*005040\`

Example of GS segment for Canada transactions.

GS*IN*SENDERID*6135830006*20120501*1646*000000009*X*005040\

ST Transaction Set Header

Pos: 0100	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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Mandatory

Description: Code uniquely identifying a Transaction Set

CodeList Summary (Total Codes: 319, Included: 1)

<u>Code</u>	<u>Name</u>
810	Invoice

ST02	329	Transaction Set Control Number	M	AN	4/9	Mandatory
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Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Segment Data Example:

ST*810*000000001\

BIG Beginning Segment for Invoice

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

User Option (Usage): Mandatory

Purpose: To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BIG01	373	Date	M	DT	8/8	Mandatory
<p>Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</p> <p>Element User Note: <i>This element includes the date of the invoice.</i></p>						
BIG02	76	Invoice Number	M	AN	1/22	Mandatory
<p>Description: Identifying number assigned by issuer</p> <p>Element User Note: <i>The maximum length allowed for the invoice number within Lowe's system is 10-digits. If more than 10-digits are sent in this field, it will be truncated.</i></p> <p><i>If the Supplier receives an EDI 824 document for an invoice, the invoice rejected in Lowe's system and the entire invoice should be resent. When resending the invoice, the same invoice number can be used.</i></p>						
BIG04	324	Purchase Order Number	O	AN	1/22	Mandatory
<p>Description: Identifying number for Purchase Order assigned by the orderer/purchaser</p> <p>Element User Note: <i>This field should include Lowe's purchase order number as received in the 850 Purchase Order document. This field should include 10 digits. This field is not zero-suppressed so there can be leading zeroes.</i></p>						

Segment Data Example:

BIG*20120616*0123456789**0222244789\

CUR Currency

Pos: 0400	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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CUR01	98	Entity Identifier Code	M	ID	2/3	Mandatory

Description: Code identifying an organizational entity, a physical location, property or an individual

CodeList Summary (Total Codes: 1504, Included: 1)

<u>Code</u>	<u>Name</u>
SE	Selling Party

CUR02	100	Currency Code	M	ID	3/3	Mandatory
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Description: Code (Standard ISO) for country in whose currency the charges are specified

Element User Note: Please send the CUR-02 value using uppercase font.

Segment User Note:

The CUR segment should include the same values as received in the 850 PO and 860 PO Change documents.

Please send the CUR-02 value using UPPERCASE font.

Segment Data Example:

Example for US locations CUR*SE*USD\

Example for Canadian locations CUR*SE*CAD\

REF Reference Information

Pos: 0500	Max: 3
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Mandatory
Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Mandatory
Description: Code qualifying the Reference Identification						
CodeList Summary (Total Codes: 1767, Included: 3)						
		<u>Code</u>		<u>Name</u>		
		IA		Internal Vendor Number		
		WH		Master Reference (Link) Number		
		BAI		Business Identification Number		
REF02	127	Reference Identification	X	AN	1/80	Mandatory
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						

Segment User Note:

Three REF segments for the following codes should be sent at the header level for each 810 the same as received in the 850 PO and 860 PO Change documents.

When REF01=IA, then REF02 = Lowe's Vendor Number assigned to the Supplier (10-digits in length). The vendor number field value is not zero-suppressed. The vendor number will be different for USA and Canada transactions. This value should match the data included in the 850 PO and 860 PO Change documents.

When REF01=WH, then REF02 = Lowe's assigned Vendor Set Id (up to 5-characters in length). The Vendor Set Id will include a value of EXP01 for USA transactions and a value of CAE01 for Canada transactions. This value should match the data included in the 850 PO and 860 PO Change documents.

When REF01=BAI, then REF02=Lowe's Business Unit (5-characters in length). The first 3 positions of this field will be the same for both USA and Canada transactions but the next two positions of the field will be different. For USA, the two digits will include a value of 01. For Canada, the two digits will include a value of 02. This value should match the data included in the 850 PO and 860 PO Change documents.

Segment Data Example:

Vendor Number REF*IA*0099999999\

Vendor Set Id for USA REF*WH*EXP01\

Vendor Set Id for Canada REF*WH*CAE01\

Business Unit for USA REF*BAI*FIN01\

Business Unit for Canada REF*BAI*FIN02\

IT1

Baseline Item Data (Invoice)

Pos: 0100	Max: 1
Detail - Optional	
Loop: IT1	Elements: 8

User Option (Usage): Mandatory

Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
IT101	350	Assigned Identification	O	AN	1/20	Mandatory				
<p>Description: Alphanumeric characters assigned for differentiation within a transaction set Element User Note: This element should include a sequential invoice line number. This is not the line number from the purchase order.</p>										
IT102	358	Quantity Invoiced	X	R	1/15	Mandatory				
<p>Description: Number of units invoiced (supplier units) Element User Note: The invoice quantity can include up to 2 digits to the right of the decimal. If the field value is a whole number, decimal places are excluded. If the value of the line item quantity in this field is zero, do not include the line item in the 810 EDI document. This field is zero-suppressed.</p>										
IT103	355	Unit or Basis for Measurement Code	X	ID	2/2	Mandatory				
<p>Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Element User Note: The unit of measure code in the 810 Invoice should match the same value as sent in the 850 Purchase Order. If it does not match the 850 UOM, the 810 will reject. If the UOM is a valid EDI X12 code but does not match the 850 UOM, an 824 will not be sent. Lowe's Accounting team will notify the vendor when this occurs and will request the vendor to resend the 810. All valid standard codes are used. (Total Codes: 884)</p>										
IT104	212	Unit Price	X	R	1/17	Mandatory				
<p>Description: Price per unit of product, service, commodity, etc. Element User Note: This element includes the price per line item. This field value may contain up to 2 decimal places. If the field value is a whole number, decimal places are excluded. This field is zero-suppressed.</p>										
IT106	235	Product/Service ID Qualifier	X	ID	2/2	Mandatory				
<p>Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) CodeList Summary (Total Codes: 511, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>PL</td> <td>Purchaser's Order Line Number</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	PL	Purchaser's Order Line Number
<u>Code</u>	<u>Name</u>									
PL	Purchaser's Order Line Number									
IT107	234	Product/Service ID	X	AN	1/48	Mandatory				
<p>Description: Identifying number for a product or service Element User Note: This element should include the assigned line number for an item as sent in the purchase order (850 PO1-01).</p>										
IT108	235	Product/Service ID Qualifier	X	ID	2/2	Conditional				
<p>Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) CodeList Summary (Total Codes: 511, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CB</td> <td>Buyer's Catalog Number</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	CB	Buyer's Catalog Number
<u>Code</u>	<u>Name</u>									
CB	Buyer's Catalog Number									
IT109	234	Product/Service ID	X	AN	1/48	Conditional				
<p>Description: Identifying number for a product or service Element User Note: This element should include Lowe's assigned item identifier that should match the PO1-07 in the 850 Purchase Order. If the PO1-07 is not populated in the 850, the IT1-08 and IT1-09 should not be included in the 810 Invoice. Note, if the Lowe's/Vendor item number is included in the PO1-09 in the 850, this value should not be returned in the 810 Invoice.</p>										

Segment Data Example:

IT1*1*12*EA*5**PL*1*CB*CM_999_9999999999\

PAM Period Amount

Pos: 0550	Max: 1
Detail - Optional	
Loop: IT1	Elements: 2

User Option (Usage): Mandatory

Purpose: To indicate a quantity, and/or amount for an identified period

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PAM04	522	Amount Qualifier Code	X	ID	1/3	Mandatory

Description: Code to qualify amount

CodeList Summary (Total Codes: 1770, Included: 1)

<u>Code</u>	<u>Name</u>
1	Line Item Total

PAM05	782	Monetary Amount	X	R	1/18	Mandatory
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Description: Monetary amount

Element User Note: *The element should include the merchandise amount. Multiply the line item price by the line item quantity to calculate the merchandise amount. This field value may contain up to 2 decimal places. If the field value is a whole number, decimal places are excluded. This field is zero-suppressed.*

Segment Data Example:

PAM****1*2.05\

PID Product/Item Description

Pos: 0600	Max: 1
Detail - Optional	
Loop: PID	Elements: 2

User Option (Usage): Mandatory

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PID01	349	Item Description Type	M	ID	1/1	Mandatory
Description: Code indicating the format of a description						
CodeList Summary (Total Codes: 3, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		F		Free-form		
PID05	352	Description	X	AN	1/80	Mandatory
Description: A free-form description to clarify the related data elements and their content						

Segment User Note:

The item description in the 810 Invoice should match the item description from the 850 Purchase Order.

Segment Data Example:

PID*F***PRODUCT DESCRIPTION FIELD\

SR Requested Service Schedule

Pos: 1750	Max: 1
Detail - Optional	
Loop: IT1	Elements: 1

User Option (Usage): Mandatory

Purpose: To identify requested service schedules

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SR01	350	Assigned Identification	O	AN	1/20	Mandatory

Description: Alphanumeric characters assigned for differentiation within a transaction set

Element User Note: The SR-01 should include the schedule number as sent in the 850 PO and 860 PO Change documents.

Segment Data Example:

SR*1\

N1

Party Identification

Pos: 2400	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

User Option (Usage): Mandatory

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Mandatory
Description: Code identifying an organizational entity, a physical location, property or an individual						
CodeList Summary (Total Codes: 1504, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		ST		Ship To		
N102	93	Name	X	AN	1/60	Mandatory
Description: Free-form name						
N103	66	Identification Code Qualifier	X	ID	1/2	Mandatory
Description: Code designating the system/method of code structure used for Identification Code (67)						
CodeList Summary (Total Codes: 249, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		92		Assigned by Buyer or Buyer's Agent		
N104	67	Identification Code	X	AN	2/80	Mandatory
Description: Code identifying a party or other code						
Element User Note: See Segment User Note.						

Segment User Note:

Ship To ID with an Alpha or Alpha-Numeric Value for Consolidation Location
 When it is necessary to ship to a consolidation location, the Spend Management EDI 850 PO will include a Ship To value with an alpha or alpha-numeric format (for example, 'TSC3178', 'MASCO', or 'ARCHWAYBP1'). For these types of shipments, Suppliers will not be able to submit an Invoice via EDI. The workaround for this will be to do a Self Service Invoice (SSI). This link will give you instructions on how to create a SSI. <http://www.loweslink.com/llmain/pubdocuments/spmCreateSelfServiceInvoice.pdf>
 If you are an EDI supplier, you will need to be fully on-boarded to Spend Management to use SSI. Please email Procurement@Lowe.com if you need to be on-boarded for SSI.
 For all other types of EDI transactions (850 PO, 860 PO Change, 855 PO Acknowledgment for the 850 and 860, 180 Return Authorization, and 856 Advance Ship Notice) that are exchanged for purchase orders that contain an alpha or alpha-numeric format for the Consolidation Ship To ID, those transactions should be exchanged via EDI.

Invoices for other types of Shipments
 For information on handling EDI transactions where Lowe's Ship To location includes one of the following values, please see the N1 segment at the Detail level in the EDI 850 PO specs for additional instructions.
 - Temporary Address,
 - Ship To ID with Numeric Value, or
 - Ship to Various Lowe's Locations.

Segment Data Example:

See EDI 850 PO specs for examples of Ship To locations. See above on handling Invoices with an alpha or alpha-numeric value for consolidation shipments.

TDS Total Monetary Value Summary

Pos: 0100	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 1

User Option (Usage): Mandatory

Purpose: To specify the total invoice discounts and amounts

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TDS01	610	Amount	M	N2	1/15	Mandatory

Description: Monetary amount

Element User Note: The TDS01 is a type N2 field so the two decimal positions are implied. See segment example.

Segment User Note:

This segment should include the Gross Invoice Amount. This amount is the total of the merchandise amount (PAM segment) plus any sales tax, freight, or misc charges (TXI, SAC segments).

Segment Data Example:

TDS*123450\ (This represents a value of 1,234.50)

TXI Tax Information

Pos: 0200	Max: >1
Summary - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Optional
Purpose: To specify tax information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TXI01	963	Tax Type Code	M	ID	2/2	Mandatory

Description: Code specifying the type of tax

Element User Note: If TXI01=TX, TXI02=total state, local, and county sales tax. If TXI01=CG, TXI02=federal value-added tax on goods.

CodeList Summary (Total Codes: 102, Included: 4)

<u>Code</u>	<u>Name</u>
CG	Federal Value-added Tax (GST) on Goods
PG	State or Provincial Tax on Goods
TX	All Taxes
ZZ	Mutually Defined

TXI02	782	Monetary Amount	X	R	1/18	Mandatory
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Description: Monetary amount

Element User Note: This field value may contain up to 2 decimal places. If the field value is a whole number, decimal places are excluded. This field is zero-suppressed.

Segment User Note:

For goods delivered or services performed at a USA location for Spend Management (Procurement):
 TX – All taxes (state, local, and country sales tax)

For goods delivered or services performed at a Canadian location for Spend Management (Procurement):
 CG – Federal Goods and Services Tax (GST)
 PG – Provincial Sales Tax
 ZZ – Harmonized Sales Tax (HST)

If a valid EDI X12 code is included in the 810 but it is not one specified in our 810 specs for the TXI-01, Lowe's will ignore it and the tax amount will be posted as zero in Lowe's system. This will also cause a matching error in the TDS-01 as the tax amount will not be included in validating the total invoice amount included in the 810.

Segment Data Example:

TXI*TX*65.12\
 TXI*CG*35.99\
 TXI*PG*21.26\
 TXI*ZZ*5.19\

SAC Service, Promotion, Allowance, or Charge Information

Pos: 0400	Max: 1
Summary - Optional	
Loop: SAC	Elements: 3

User Option (Usage): Optional

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SAC01	248	Allowance or Charge Indicator	M	ID	1/1	Mandatory
Description: Code which indicates an allowance or charge for the service specified						
CodeList Summary (Total Codes: 7, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		C		Charge		
SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID	4/4	Conditional
Description: Code identifying the service, promotion, allowance, or charge						
CodeList Summary (Total Codes: 1090, Included: 2)						
		<u>Code</u>		<u>Name</u>		
		D240		Freight		
		G740		Service Charge		
SAC05	610	Amount	O	N2	1/15	Mandatory
Description: Monetary amount						
Element User Note: The SAC05 is a type N2 field so the two decimals are implied. See segment data example.						

Segment User Note:

If SAC02=G740, then SAC05 includes the charge for services rendered, i.e., installation cost or cleaning cost.
 If SAC02=D240, then SAC05 includes the freight charge.

Segment Data Example:

Example of charge for services rendered, i.e., installation cost or cleaning cost.
 SAC*C*G740***52525\ (This represents a value of 525.25)

Example of freight charge
 SAC*C*D240***3399\ (This represents a value of 33.99)

CTT Transaction Totals

Pos: 0700	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Mandatory

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

Element Summary:

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

Description: Total number of line items in the transaction set

Segment User Note:

This segment includes the number of line items on the invoice.

Segment Data Example:

CTT*1\

SE Transaction Set Trailer

Pos: 0800	Max: 1
Heading - 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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	Number of Included Segments	M	N0	1/10	Mandatory
Description: Total number of segments included in a transaction set including ST and SE segments						
SE02	329	Transaction Set Control Number	M	AN	4/9	Mandatory
Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set						
Element User Note: <i>The control number must match the control number in the ST02.</i>						

Segment Data Example:

SE*15*00000001\

GE Functional Group Trailer

Pos:	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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GE01	97	Number of Transaction Sets Included	M	N0	1/6	Mandatory
Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element						
GE02	28	Group Control Number	M	N0	1/9	Mandatory
Description: Assigned number originated and maintained by the sender						
Element User Note: <i>The control number must match the control number in the GS06.</i>						

Segment Data Example:

GE*1*00000009\

IEA

Interchange Control Trailer

Pos:	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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IEA01	116	Number of Included Functional Groups	M	NO	1/5	Mandatory

Description: A count of the number of functional groups included in an interchange

IEA02	112	Interchange Control Number	M	NO	9/9	Mandatory
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Description: A control number assigned by the interchange sender

Element User Note: *The control number must match the control number in the ISA13.*

Segment Data Example:

IEA*1*000000009\