

# Specification

## Lemvigh Müller offer/quotation

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## 1 Document information

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### 1.1 Purpose of document

This document describes how offer/quotation to Lemvigh-Müller A/S is generated, based on the Danish EDIFACT Guideline EANCOM/HANCOM version 97 to create a common basis electronic exchange of data (EDI) between Lemvigh-Müller A/S and suppliers

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### 1.2 Document history

Version no.	Date	Description	Initials
1.0	2010.05.10	Translated to english	JHEC
1.1	2016.05.25	Lemvigh Müller GLN numbers updated Party qualifiers in NAD segment updated	BRHO

## 2 LM QUOTES (Purchase)

This section describes each segment used in the Offer/quotation message.

<b>UNA Service string advis</b>			
To define the characters selected for use as delimiters and indicators in the rest of the Interchange			
<b>Number</b>	<b>Text</b>		<b>Description</b>
	Component data element separator	M an..1	Constant = : (colon)
	Data element separator	M an..1	Constant = + (plus sign)
	Decimal notation	M an..1	Constant = . (period)
	Release indicator	M an..1	Constant = ? (question mark)
	Reserved	M an..1	Blank / Space
	Segment terminator	M an..1	Constant = ` (apostrophe)
Example: UNA:+.? `			

<b>UNB Interchange header (envelope)</b>			
To identify and specify the sender and receiver of a message.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>S001</b>	<b>Syntax identifier</b>	M	
0001	Syntax identifier	M a..4	UNOC
0002	Syntax version number	M n..1	3
<b>S002</b>	<b>Interchange sender</b>	M	
0004	Sender identification	M an..35	Sender EAN13 location number (GLN number)
0007	Partner identification code qualifier	C an..4	14 = EAN number (GLN number)
0008	Address for reverse routing	C an..14	Not used
<b>S003</b>	<b>Interchange recipient</b>	M	
0010	Recipient identification	M an..35	5790000428403(PROD) or 5790002195853(Test)
0007	Partner identification code qualifier	C an..4	14 = EAN number (GLN number)
0014	Routing address	C an..14	Not used
<b>S004</b>	<b>Date/time of preparation</b>	M	
0017	Date	M n..6	YYMMDD
0019	Time	M n..4	HHMM
<b>0020</b>	<b>Interchange control reference</b>	M an..14	Unique reference assigned by sender
<b>S005</b>	<b>Recipient's reference password</b>	C	
0022	Recipient's reference / password	M an..14	Not used
0025	Recipient's reference / password qualifier	C an..2	Not used
0026	Application reference		Not used
0029	Processing priority code		Not used
0031	Acknowledgement request		Not used
0032	Communications agreement		Not used
0035	Test indicator		1 = test, blank = production.
Example: UNB+UNOC:3+5700000000001:14+5790000428403:14+100507:0815+POUL56717'			

<b>UNH Service string advis</b>			
To define the characters selected for use as delimiters and indicators in the rest of the Interchange			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>0062</b>	<b>MESSAGE REFERENCE NUMBER</b>	M an..14	Sender's unique message reference. Sequence number of the message in the interchange.
<b>S009</b>	<b>MESSAGE IDENTIFIER</b>	M	
0065	Message type	M an..6	QUOTES = Purchase order message
0052	Message version number	M an..3	D = Draft directory
0054	Message release number	M an..3	96A = Version 96 A
0051	Controlling agency	M an..2	UN=UN/ECE/TRADE/WP.4, Unite Nations Standard Messages (UNSM)
0057	Association assigned code	C an..6	EAN002
<b>0068</b>	<b>COMMON ACCESS REFERENCE</b>	C an..35	Not used
<b>S010</b>	<b>STATUS OF THE TRANSFER</b>	C	
0070	Sequence of transfers	M n..2	Not used
0073	First and last transfer		Not used
Example: UNH+10000002+QUOTES:D:96A:UN:EAN002'			

<b>BGM Beginning of message</b>			
To indicate the type and function of a message and to transmit the identifying number.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>C002</b>	<b>DOCUMENT/MESSAGE NAME</b>	C	
1001	Document/message name, coded	C an..3	310 - Offer/quotation
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
1000	Document/message name	C an..35	Not used
<b>1004</b>	<b>DOCUMENT/MESSAGE NUMBER</b>	C an..35	Order number assigned by document sender.
<b>1225</b>	<b>MESSAGE FUNCTION, CODED</b>	C an..3	Not used
<b>4343</b>	<b>RESPONSE TYPE, CODED</b>	C an..3	Not used
Example: BGM+310+0025003524'			

<b>DTM Date/time/period</b>			
To specify date, and/or time, or period.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>C507</b>	<b>DATE/TIME/PERIOD</b>	M	
2005	Date/time/period qualifier	M an..3	36 - Expiry date 69 - Delivery date/time, promised for 137 - Documentdate
2380	Date/time/period	C an..35	Date
2379	Date/time/period format qualifier	C an..3	102=CCYYMMDD
Example: DTM+137:20100507:102' DTM+69:20100527:102'			

<b>RFF Reference</b>			
To specify a reference			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>C506</b>	<b>REFERENCE</b>	M	
1153	Reference qualifier	M an..3	CR - Customer reference number
1154	Reference number	C an..35	Quotes reference
1156	Line number	C an..6	Not used
4000	Reference version number	C an..35	Not used
Example: RFF+CR:U507070824'			



<b>NAD Name and address</b>			
To specify the name and address and their related functions.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>3035</b>	<b>PARTY QUALIFIER</b>	M an..3	BY = Buyer DP = Delevery party SU = Supplier
<b>C082</b>	<b>PARTY IDENTIFICATION DETAILS</b>	C	
3039	Party id. identification	M an..35	BY: LM code – EAN(GLN) number or as agreed code DP: Delivery code SU: Supplier code
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	9=EAN number
<b>C058</b>	<b>NAME AND ADDRESS</b>	C	
3124	Name and address line	M an..35	Not used
3124	Name and address line	C an..35	Not used
3124	Name and address line	C an..35	Not used
3124	Name and address line	C an..35	Not used
3124	Name and address line	C an..35	Not used
<b>C080</b>	<b>PARTY NAME</b>	C	
3036	Party name	M an..35	Company name – line 1
3036	Party name	C an..35	Company name – line 2
3036	Party name	C an..35	Not used
3036	Party name	C an..35	Not used
3036	Party name	C an..35	Not used
3045	Party name format, coded	C an..3	Not used
<b>C059</b>	<b>STREET</b>	C	
3042	Street and number/p.o. box	M an..35	Street and number
3042	Street and number/p.o. box	C an..35	Not used
3042	Street and number/p.o. box	C an..35	Not used
3042	Street and number/p.o. box	C an..35	Not used
<b>3164</b>	<b>CITY NAME</b>	C an..35	City name
<b>3229</b>	<b>COUNTRY SUB-ENTITY IDENTIFICATION</b>	C an..9	Not used
<b>3251</b>	<b>POSTCODE IDENTIFICATION</b>	C an..9	Zipcode
<b>3207</b>	<b>COUNTRY, CODED</b>	C an..3	Country code
Example: NAD+BY+5790000428403' NAD+DP+++Lemvigh-Müller A/S+Nordager 1+Kolding++6000+DK' NAD+SU+5700000000001:9'			

<b>CTA Contact information</b>			
To identify a person or a department to whom communication should be directed.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>3139</b>	<b>CONTACT FUNCTION, CODED</b>	C an..3	PD - Purchasing contact OC - Order contact
<b>C056</b>	<b>DEPARTMENT OR EMPLOYEE DETAILS</b>	C	
3413	Department or employee identification	C an..17	Not used
3412	Department or employee	C an..35	Contact name
Example: CTA+PD+:Jørn Heideman'			

<b>LIN Line item</b>			
To identify a line item and configuration			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>1082</b>	<b>LINE ITEM NUMBER</b>	C n..6	Line number
<b>1229</b>	<b>ACTION REQUEST/NOTIFICATION, CODED</b>	C an..3	Not used
<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	C	
7140	Item number	C an..35	EAN number if provided
7143	Item number type, coded	C an..3	EN – International Article Numbering Association
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
<b>C829</b>	<b>SUB-LINE INFORMATION</b>	C	
5495	Sub-line indicator, coded	C an..3	Not used
1082	Line item number	C n..6	Not used
<b>1222</b>	<b>CONFIGURATION LEVEL</b>	C n..2	Not used
<b>7083</b>	<b>CONFIGURATION, CODED</b>	C an..3	Not used
Example: LIN+10++5703302032827:EN'			

<b>PIA Additional product id</b>			
To specify additional or substitutrial item identification codes.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>4347</b>	<b>PRODUCT ID. FUNCTION QUALIFIER</b>	M an..3	1 - Additional identification
<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	M	
7140	Item number	C an..35	Productnumber
7143	Item number type, coded	C an..3	SA - Supplier's article number IN - Buyer's item number
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	M	
7140	Item number	C an..35	Not used
7143	Item number type, coded	C an..3	Not used
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	M	
7140	Item number	C an..35	Not used
7143	Item number type, coded	C an..3	Not used
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	M	
7140	Item number	C an..35	Not used
7143	Item number type, coded	C an..3	Not used
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	M	
7140	Item number	C an..35	Not used
7143	Item number type, coded	C an..3	Not used
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
Example: PIA+1+3039315938:IN'			

<b>IMD Item description</b>			
To describe an item in either an industry or free format.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>7077</b>	<b>ITEM DESCRIPTION TYPE, CODED</b>	C an..3	F - Free-form
<b>7081</b>	<b>ITEM CHARACTERISTIC, CODED</b>	C an..3	Not used
<b>C273</b>	<b>ITEM DESCRIPTION</b>	C	
7009	Item description identification	C an..17	F - Freetext
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
7008	Item description	C an..35	Item description 1
7008	Item description	C an..35	Item description 2
3453	Language, coded	C an..3	Not used
<b>7383</b>	<b>SURFACE/LAYER INDICATOR, CODED</b>	C an..3	Not used
Example: IMD+F++:::NR.22 FORZ. BØJLER M/2LP PK100'			

<b>QTY Quantity</b>			
To specify a pertinent quantity			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>C186</b>	<b>QUANTITY DETAILS</b>	M	
6063	Quantity qualifier	M an..3	1 - Discrete quantity
6060	Quantity	M n..15	Quantity
6411	Measure unit qualifier	C an..3	Common code from UN/CEFACT Recommendation 20
Example: QTY+1:7200'			

<b>DTM DATE/TIME/PERIOD</b>			
To specify date, and/or time, or period.			
Only specified if requested delivery time is different from the one specified in order header.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>C507</b>	<b>DATE/TIME/PERIOD</b>	M	
2005	Date/time/period qualifier	M an..3	69 - Delivery date/time, promised for
2380	Date/time/period	C an..35	Date
2379	Date/time/period format qualifier	C an..3	102 - CCYMMDD
Example: DTM+69:20100527:102'			

<b>FTX Free text</b>			
To provide free form or coded text information.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>4451</b>	<b>TEXT SUBJECT QUALIFIER</b>	M an..3	AAI - General information
<b>4453</b>	<b>TEXT FUNCTION, CODED</b>	C an..3	Not used
<b>C107</b>	<b>TEXT REFERENCE</b>	C	
4441	Free text, coded	M an..3	Not used
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
<b>C108</b>	<b>TEXT LITERAL</b>	C	
4440	Free text	M an..70	Important orderheader information
4440	Free text	C an..70	Important orderheader information
4440	Free text	C an..70	Important orderheader information
4440	Free text	C an..70	Important orderheader information
4440	Free text	C an..70	Important orderheader information
<b>3453</b>	<b>LANGUAGE, CODED</b>	C an..3	Not used
Example: FTX+AAI+++Must be 113-0322'			



<b>MOA Monetary amount</b>			
To specify a monetary amount.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>C516</b>	<b>MONETARY AMOUNT</b>	M	
5025	Monetary amount type qualifier	M an..3	203 - Line item amount
5004	Monetary amount	C n..18	Amount
6345	Currency, coded	C an..3	ISO 4217 three alpha code
6343	Currency qualifier	C an..3	Not used
4405	Status, coded	C an..3	Not used
Example: MOA+1531.82:DKK'			

<b>PRI Price details</b>			
To specify price details			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>C509</b>	<b>Price Information</b>	C	
5125	Price qualifier	M an..3	AAA = Unit netprice - no tax
5118	Price	C n..15	Unit price
5375	Price type, coded	C an..3	Not used
5387	Price type, qualifier	C an..3	Not used
5284	Base for unit price	C n..9	Not used
6411	UOM, coded	C an..3	Not used
5213		C an..3	Not used
Example: PRI+AAA:43.55'			

<b>UNS Section control</b>			
To separate Header, Detail and Summary sections of a message			
Number	Text		Description
0081	SECTION IDENTIFICATION	M a1	S – separate
Example: UNS+S'			

<b>CNT CONTROL TOTAL</b>			
To provide control total			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>C270</b>	<b>CONTROL</b>	M	
6069	Control qualifier	M an..3	2 - Number of line items in message
6066	Control value	M n..18	Number of line items in message
6411	Measure unit qualifier	C an..3	Not used
Example: CNT+2:5'			

<b>UNT Message trailer</b>			
To end and check completeness of a message.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>0074</b>	<b>NUMBER OF SEGMENTS IN THE MESSAGE</b>	M n..6	The total number of segments in the message is detailed here.
<b>0062</b>	<b>MESSAGE REFERENCE NUMBER</b>	M an..14	The message reference number detailed here should equal the one specified in the UNH segment.
Example: UNT+22+10'			

<b>UNZ Interchange trailer</b>			
To separate header, detail and summerysections of a message.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>0036</b>	<b>Interchange control count</b>	M n..6	The count of the number of messages.
<b>0020</b>	<b>Interchange control reference</b>	M an..14	Shall be identical to 0020 in UNB segment.
Example: UNZ+1+1179191'			

### 3 Example

This section gives an example of an quotes message:

```
UNA:+.? '
UNB+UNOC:3+570000000001:14+5790000428403:14+100507:0815+POUL56717'
UNH+10000002+QUOTES:D:96A:UN:EAN002'
BGM+310+0025003524'
DTM+137:20100507:102'
DTM+69:20100527:102'
RFF+CR:507070824'
NAD+SU+5700000000001:::91'
COM+44207000:TE'
NAD+BY+5790000428403:::92'
NAD+DP+++LEMVIGH-MULLER A/S:CENTRALLAGERET+BLANGSTEDGARDSVEJ 19-21+ODENSE SO++5220+DK'
LIN+10++5703302032827:EN'
IMD+F++:::KRONEMUFFE 1LED 4 MM2'
QTY+1:500.000:PCE'
DTM+69:20100527:102'
MOA+203:5585'
PRI+AAA:11.17'
LIN+20++5703302033145:EN'
IMD+F++:::D_KSEL PL TP. VNU UDLOB M. AFLASTNI'
QTY+1:2000.000:PCE'
DTM+69:20100527:102'
MOA+203:230520'
PRI+AAA:115.26'
LIN+30++5703302066303:EN'
IMD+F++:::STIKKDASE TP79 F.3R STIKP 2P?+J M.LE'
QTY+1:40.000:PCE'
DTM+69:20100527:102'
MOA+203:2636.8'
PRI+AAA:65.92'
UNS+S'
CNT+2:5'
UNT+30+10000002'
UNZ+1+POUL56717'
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