

# Specification

Lemvigh-Müller A/S

Request for Quote (REQOTE)

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## 1 Document information

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### 1.1 Purpose of document

This document describes how Request for Quote (REQOTE) to Lemvigh-Müller A/S should be generated. It is 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 customers.

If in doubt, please contact Lemvigh-Müller A/S. Main contacts:

e-Business Integration
Email: edi@lemu.dk
Phone: +45 36 95 52 69

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### 1.2 Document history

Version no.	Date	Description	Initials
1.0	2014.05.15	Created	NGR/BIZbrains
1.1	2016.02.11	Changed LM – GLN number GLN number 5790002195853 → Test system GLN number 5790000428403 → Operating system	HESV

### 1.3 Message diagram

Structure of the Request for Quote (REQOTE) message.

Segment order, **M**andatory or **C**onditional, and number of occurrences.

Level 1	Level 2	Level 3	Level 4	M/C	Occurs	Description
UNA				C	1	Service string advis
UNB				M	1	Interchange Header
	UNH			M	999999	Message Header
		BGM		M	1	Beginning of message
		DTM		M	3	Date/time/period
		FTX		C	1	Free text
		CUX		C	1	Currency
		NAD		M	4	Name and address
			CTA	C	1	Contact information
			COM	C	2	Communication Contact
		LIN		M	999999	Line item
			PIA	C	2	Additional product id
			IMD	C	1	Item description
			QTY	C	1	Quantity
			DTM	C	1	Date/time/period
			FTX	C	1	Free text
		UNT		M	1	Message Trailer
UNZ				M	1	Interchange Trailer

## 2 Request for Quote (REQOTE) message

This section describes each segment used in the REQOTE message.

### 2.1 UNA - Service string advis

The UNA segment is optional in an EDIFACT interchange.

The specifications in the UNA segment define the characters used as separators and indicators for the interchange. Use this segment only if the interchange contains non-standard separator characters.

Number	Text		Description
	Component data element separator	M an..1	Constant = : (colon)
	Data element separator	M an..1	Constant = + (plus sign)
	Decimal notation	M an..1	Constant = , (comma) or . (period)
	Release indicator	M an..1	Constant = ? (question mark)
	Reserved	M an..1	Blank / Space
	Segment terminator	M an..1	Constant = ` (apostrophe)

Example:

UNA:+. ? `

## 2.2 UNB - Interchange header (envelope)

This segment acts as the interchange header for a set of EDIFACT documents.			
The UNB segment elements identify the sender and recipient of the interchange, together with the date and time that the interchange was prepared and the agency controlling the syntax of the interchange.			
Number	Text		Description
<b>S001</b>	<b>Syntax identifier</b>	M	
0001	Syntax identifier	M a..4	UNOC = UN / ECE level C (as defined in ISO 8859-1)
0002	Syntax version number	M n..1	Syntax version number 3 (refer to use of all valid codes in DE 0001)
<b>S002</b>	<b>Interchange sender</b>	M	
0004	Sender identification	M an..35	Sender EAN13 location number
0007	Partner identification code qualifier	C an..4	14 = EAN number ZZZ = Mutually defined
0008	Address for reverse routing	C an..14	Not used
<b>S003</b>	<b>Interchange recipient</b>	M	
0010	Recipient identification	M an..35	5790002195853 or 5790000428403
0007	Partner identification code qualifier	C an..4	14 = EAN 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+1234567890123:14+5790002195853:14+140429:0610+0002563890++REQOTE'			

### Note:

**Lemvigh-Müller A/S do not use test indicators on in-/outgoing messages without prior agreement with other party.**

## 2.3 UNH - Message header

The UNH segment elements provide information about the message type, and the agency responsible for maintaining the publication of the message type.

This segment indicates the start of a document in an interchange and the type of document that follows.

Number	Text		Description
<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	REQOTE = Request for Quote
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, United 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+0256389000001+REQOTE:D:96A:UN:EAN002'

## 2.4 BGM - Beginning of message

To indicate the type and function of a message and to transmit the identifying number.			
Number	Text		Description
<b>C002</b>	<b>DOCUMENT/MESSAGE NAME</b>	C	
1001	Document/message name, coded	C an..3	311 = Request for Quote
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+311+27577 '			

## 2.5 DTM - Date/time/period

To specify date, and/or time, or period.			
Number	Text		Description
<b>C507</b>	<b>DATE/TIME/PERIOD</b>	M	
2005	Date/time/period qualifier	M an..3	137 - Document date 175 - Advise before date 2 - Delivery date
2380	Date/time/period	C an..35	Date
2379	Date/time/period format qualifier	C an..3	102 = CCYYMMDD
Example: DTM+2:20140509:102 ' DTM+137:20140429:102 ' DTM+175:20140502:203 '			

## 2.6 FTX - Free text

To provide free form or coded text information.			
Number	Text		Description
<b>4451</b>	<b>TEXT SUBJECT QUALIFIER</b>	M an..3	Not used (no distinction is made between qualifiers)
<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	Text information
4440	Free text	C an..70	Text information
4440	Free text	C an..70	Text information
4440	Free text	C an..70	Text information
4440	Free text	C an..70	Text information
<b>3453</b>	<b>LANGUAGE, CODED</b>	C an..3	Not used
Example: FTX+AAA+1++Text Information'			



## 2.7 CUX - Currencies

To specify currencies used in the transaction and relevant details for the rate of exchange.			
Number	Text		Description
<b>C504</b>	<b>CURRENCY DETAILS</b>	C	
6347	Currency details qualifier	M an..3	2 = Reference currency
6345	Currency, coded	C an..3	ISO 4217 Code
6343	Currency qualifier	C an..3	12 = Quotation currency
6348	Currency rate base	C n..4	Not used
<b>C504</b>	<b>CURRENCY DETAILS</b>	C	
6347	Currency details qualifier	M an..3	Not used
6345	Currency, coded	C an..3	Not used
6343	Currency qualifier	C an..3	Not used
6348	Currency rate base	C n..4	Not used
<b>5402</b>	<b>RATE OF EXCHANGE</b>	C n..12	Not used
<b>6341</b>	<b>CURRENCY MARKET EXCHANGE, CODED</b>	C an..3	Not used
Example: CUX+2:DKK:12'			

## 2.8 NAD - Name and address

To specify the name and address and their related functions.			
Number	Text		Description
<b>3035</b>	<b>PARTY QUALIFIER</b>	M an..3	BY = Buyer DP = Delivery party IV = Invoicee SU = Supplier
<b>C082</b>	<b>PARTY IDENTIFICATION DETAILS</b>	C	
3039	Party id. identification	M an..35	BY: Buyer EAN number DP: Delivery address IV: Invoicee EAN number SU: Lemvigh-Müller A/S EAN number
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	Name 1 (DP)
3124	Name and address line	C an..35	Name 2 (DP)
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 – Line 1
3042	Street and number/p.o. box	C an..35	Street and number – Line 2
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+1234567890123::9++BIZbrains A/S+Havneparken 14b, 3.sal+Vejle++7100+DK' NAD+SU+5790002195853::9++Lemvigh-Müller A/S+Stationsalléen+Herlev++2730+DK'			



## 2.9 CTA - Contact information

To identify a person or a department to whom communication should be directed.			
Number	Text		Description
<b>3139</b>	<b>CONTACT FUNCTION, CODED</b>	C an..3	OC - Order contact (Supplier)
<b>C056</b>	<b>DEPARTMENT OR EMPLOYEE DETAILS</b>	C	
3413	Department or employee identification	C an..17	Contact initials
3412	Department or employee	C an..35	Contact name
Example: CTA+OC+:Jens Jensen'			

## 2.10 COM – Communication Contact

To identify a communication number of a department or a person to whom communication should be directed.			
Number	Text		Description
<b>C076</b>	<b>COMMUNICATION CONTACT</b>	M	
3148	Communication number	M an..512	Contact number
3155	Communication channel qualifier	M an..3	TE = Telephone EM = Email
Example: COM+70999999:TE'			

## 2.11 LIN - Line item

To identify a line item and configuration			
Number	Text		Description
<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	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>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+1'			

## 2.12 PIA - Additional product id

To specify additional or substitutrial item identification codes.			
Number	Text		Description
<b>4347</b>	<b>PRODUCT ID. FUNCTION QUALIFIER</b>	M an..3	1 - Additional identification 5 - Product information
<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	M	
7140	Item number	C an..35	Productnumber
7143	Item number type, coded	C an..3	IN - Buyer's item number SA - Supplier's article 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
<b>Example:</b>			
PIA+1+4009071000:SA'			
PIA+1+303840:IN'			

## 2.13 IMD - Item description

To describe an item in either an industry or free format.			
Number	Text		Description
<b>7077</b>	<b>ITEM DESCRIPTION TYPE, CODED</b>	C an..3	F - Freetext
<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	Not used
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
7008	Item description	C an..35	Item description
3453	Language, coded	C an..3	Not used
<b>7383</b>	<b>SURFACE/LAYER INDICATOR, CODED</b>	C an..3	Not used
<b>Example:</b> IMD+F+++BB BOR 10.0MM HSS SLEBNE ØKO '			

## 2.14 QTY - Quantity

To specify the number of products, identified in PIA segment, that are requested.			
Number	Text		Description
<b>C186</b>	<b>QUANTITY DETAILS</b>	M	
6063	Quantity qualifier	M an..3	53 - Minimum order quantity
6060	Quantity	M n..15	Quantity
6411	Measure unit qualifier	C an..3	Unit of measure Common code from UN/CEFACT Recommendation 20
<b>Example:</b> QTY+53:5:PCE '			

## 2.15 DTM - Date/time/period

To specify date, and/or time, or period.			
Number	Text		Description
<b>C507</b>	<b>DATE/TIME/PERIOD</b>	M	
2005	Date/time/period qualifier	M an..3	2 - Delivery date (expected)
2380	Date/time/period	C an..35	Date
2379	Date/time/period format qualifier	C an..3	102=CCYYMMDD
Example: DTM+2:20140502:102'			

## 2.16 FTX - Free text

To provide free form or coded text information.			
Number	Text		Description
<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	Text information
4440	Free text	C an..70	Text information
4440	Free text	C an..70	Text information
4440	Free text	C an..70	Text information
4440	Free text	C an..70	Text information
<b>3453</b>	<b>LANGUAGE, CODED</b>	C an..3	Not used
Example: FTX+AAI+1++Text Information'			



## 2.17 UNT - Message trailer

The UNT segment elements provide information about the number of segments in a message and the reference number for the message.

This segment indicates the end of a document.

Number	Text		Description
<b>0074</b>	<b>NUMBER OF SEGMENTS IN THE MESSAGE</b>	M n..6	The total number of segments in the message.
<b>0062</b>	<b>MESSAGE REFERENCE NUMBER</b>	M an..14	A unique reference number for the message assigned by the sender. This number must match the Message Reference Number (0062) in the UNH Segment.

Example:

UNT+24+168610'

## 2.18 UNZ - Interchange trailer

To end the interchange.

Number	Text		Description
<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	Must be identical to the Interchange control reference (0020) in the UNB segment.

Example:

UNZ+1+168610'

### 3 Example

This section gives an example of an Request for Quote message:

```
UNA:+.? '  
UNB+UNOC:3+1234567890123:14+5790002195853:14+140429:0610+0002563890++REQOTE '  
UNH+0256389000001+REQOTE:D:96A:UN:EAN002 '  
BGM+311+27577 '  
DTM+2:20140509:102 '  
DTM+137:20140429:102 '  
DTM+175:20140502:102 '  
FTX+AAA+1++Email PSP@BIZBRAINS.DK '  
CUX+2:DKK:12 '  
NAD+BY+1234567890123::9++BIZbrains A/S+Havneparken 14b, 3.sal+Vejle++7100+DK '  
CTA+OC+:PSP '  
COM+70999999:TE '  
COM+PSP@BIZBRAINS.DK:EM '  
NAD+DP+++BIZbrains A/S:Sjællandsafd+Skomagergade 20, 2. sal+Roskilde++4400+DK '  
NAD+SU+5790002195853::9 '  
LIN+1 '  
PIA+1+1381588:IN '  
IMD+F++:::BB BOR 10.0MM HSS SLEBNE ØKO '  
QTY+53:5.000:PCE '  
UNS+S '  
UNT+20+0256389000001 '  
UNZ+1+0002563890 '
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