Structure of message: Auction - quotation (auct.qtn.001.01)

Description:

Auction - quotation

Structure:

No.	Or	< XML Tag >	Name	Multiplicity	Type
0		**KDPWDocument**	KDPW_CCP system message	[1..1]	**KDPWDocument**
0.1		**auct.qtn.001.01**	Auction - quotation	[1..1]	**auct.qtn.001.01**
1		**GnlInf**	General information	[1..1]	**GeneralInformation**
1.1		**SndrMsgRef**	Sender message reference	[1..1]	**Max16Text**
1.2		**FuncOfMsg**	Function of message	[1..1]	**FunctionOfMessage**
1.3		**CreDtTm**	Creation date and time	[0..1]	**DateAndDateTimeChoice**
1.3.1	{ or	**Dt**	Date	[1..1]	**ISODate**
1.3.2	or }	**DtTm**	Date and time	[1..1]	**ISODateTime**
1.4		**AuctnId**	Auction identifier	[1..1]	**Max16Text**
2		**QtnDtls**	Quotation details	[1..n]	**QuotationDetails**
2.1		**PAAcct**	PA account identifier	[1..1]	**Max35Text**
2.2		**Qtn**	Quotation	[1..n]	**QuotationPerSegment**
2.2.1		**QtnId**	Quotation identifier	[1..1]	**Max16Text**
2.2.2		**AuctnSgmntId**	Auction segment identifier	[1..1]	**Max16Text**
2.2.3		**Unit**	Units in the quotation	[1..1]	**Max14Int**
2.2.4		**PricPerUnit**	Price per unit	[1..1]	**SignedAmount**

Message component elements:

KDPWDocument- **KDPW_CCP system message** (element)	
Description	KDPW_CCP system message
Type	**KDPWDocument**
Source	`<xs:element name="KDPWDocument" type="KDPWDocument" />`
Amount- **Amount** (simple type)	
Description	Amount

Type	Derivative of type: xs:decimal
Format	Min. value=0 Number of decimal places=2 Number of characters=14

Source	`<xs:simpleType name="Amount" >`
	  `<xs:restriction base="xs:decimal" >`
	    `<xs:minInclusive value="0" />`
	    `<xs:fractionDigits value="2" />`
	    `<xs:totalDigits value="14" />`
	  `</xs:restriction>`
	`</xs:simpleType>`

Code4Text- Qualifier (simple type)

Description	Qualifier, code
Type	Derivative of type: xs:string
Format	Min. length=4 Max. length=4

Source	`<xs:simpleType name="Code4Text" >`
	  `<xs:restriction base="xs:string" >`
	    `<xs:whiteSpace value="collapse" />`
	    `<xs:minLength value="4" />`
	    `<xs:maxLength value="4" />`
	  `</xs:restriction>`
	`</xs:simpleType>`

CurrencyCode- Currency code (simple type)

Description	Currency code
Type	Derivative of type: xs:string
Format	xs:pattern=[A-Z]{3,3}

Source	`<xs:simpleType name="CurrencyCode" >`
	  `<xs:restriction base="xs:string" >`
	    `<xs:pattern value="[A-Z]{3,3}" />`
	  `</xs:restriction>`
	`</xs:simpleType>`

DateAndDateTimeChoice- Date and time (complex type)

Description	Date and time
Component elements	**Dt** **DtTm**

Source	`<xs:complexType name="DateAndDateTimeChoice" >`
	  `<xs:sequence >`
	    `<xs:choice >`
	      `<xs:element name="Dt" type="ISODate" />`
	      `<xs:element name="DtTm" type="ISODateTime" />`
	    `</xs:choice>`

	`</xs:sequence>` `</xs:complexType>`

DateAndDateTimeChoice/Dt- Date (element)

Description	Date
Type	**ISODate**
Source	`<xs:element name="Dt" type="ISODate" />`

DateAndDateTimeChoice/DtTm- Date and time (element)

Description	Date and time
Type	**ISODateTime**
Source	`<xs:element name="DtTm" type="ISODateTime" />`

DateFormatChoice- Date or code (complex type)

Description	Date or code
Component elements	**DtTm** **DtCd**

Source	`<xs:complexType name="DateFormatChoice" >`
	  `<xs:sequence >`
	    `<xs:choice >`
	      `<xs:element name="DtTm" type="ISODateTime" />`
	      `<xs:element name="DtCd" type="DateTypeCode" />`
	    `</xs:choice>`
	  `</xs:sequence>`
	`</xs:complexType>`

DateFormatChoice/DtTm- Date and time (element)

Description	Date and time
Type	**ISODateTime**
Source	`<xs:element name="DtTm" type="ISODateTime" />`

DateFormatChoice/DtCd- Date code (element)

Description	Date code
Type	**DateTypeCode**
Source	`<xs:element name="DtCd" type="DateTypeCode" />`

DateTypeCode- Date code (simple type)

Description	Date code
Type	Derivative of type: xs:string
Format	**Code Description** IMMD Value "immediately"

Source	`<xs:simpleType name="DateTypeCode" >`
	  `<xs:restriction base="xs:string" >`
	    `<xs:enumeration value="IMMD" />`

	`</xs:restriction>` `</xs:simpleType>`

FunctionOfMessage- **Function of message** (simple type)

Description	Function of message
Type	Derivative of type: xs:string
Format	**Code Description** NEWMNew message

Source	`<xs:simpleType name="FunctionOfMessage" >`
	  `<xs:restriction base="xs:string" >`
	    `<xs:enumeration value="NEWM" />`
	  `</xs:restriction>`
	`</xs:simpleType>`

GeneralInformation- **General information** (complex type)

Description	General information
Component elements	**SndrMsgRef** **FuncOfMsg** **CreDtTm** {0,1} **AuctnId**

Source	`<xs:complexType name="GeneralInformation" >`
	  `<xs:sequence >`
	    `<xs:element name="SndrMsgRef" type="Max16Text" />`
	    `<xs:element name="FuncOfMsg" type="FunctionOfMessage" />`
	    `<xs:element name="CreDtTm" type="DateAndDateTimeChoice" minOccurs="0" />`
	    `<xs:element name="AuctnId" type="Max16Text" />`
	  `</xs:sequence>`
	`</xs:complexType>`

GeneralInformation/SndrMsgRef- **Sender message reference** (element)

Description	Sender message reference
Type	**Max16Text**
Source	`<xs:element name="SndrMsgRef" type="Max16Text" />`

GeneralInformation/FuncOfMsg- **Function of message** (element)

Description	Function of message
Type	**FunctionOfMessage**
Source	`<xs:element name="FuncOfMsg" type="FunctionOfMessage" />`

GeneralInformation/CreDtTm- **Creation date and time** (element)

Description	Creation date and time
Type	**DateAndDateTimeChoice**
Source	`<xs:element name="CreDtTm" type="DateAndDateTimeChoice" minOccurs="0" />`

GeneralInformation/AuctnId- **Auction identifier** (element)

Description	Auction identifier

Type	**Max16Text**
Source	<xs:element name="AuctnId" type="Max16Text" />

ISODate- Date (simple type)

Description	Date
Type	Derivative of type: xs:date
Format	
Source	<xs:simpleType name="ISODate" > <xs:restriction base="xs:date" > </xs:restriction> </xs:simpleType>

ISODateTime- Date and time (simple type)

Description	Date and time
Type	Derivative of type: xs:dateTime
Format	
Source	<xs:simpleType name="ISODateTime" > <xs:restriction base="xs:dateTime" > </xs:restriction> </xs:simpleType>

KDPWDocument- KDPW_CCP system message (complex type)

Description	KDPW_CCP system message		
Attributes	**Name** Sndr Rcvr	**Description** Sender Receiver	**Type** **KDPWMemberIdentifier** **KDPWMemberIdentifier**
Component elements	**auct.qtn.001.01**		
Source	<xs:complexType name="KDPWDocument" > <xs:sequence > <xs:element name="auct.qtn.001.01" type="auct.qtn.001.01" /> </xs:sequence> < xs:attribute name="Sndr" type="KDPWMemberIdentifier" use="required" /> < xs:attribute name="Rcvr" type="KDPWMemberIdentifier" use="required" /> </xs:complexType>		

KDPWDocument/auct.qtn.001.01- Auction - quotation (element)

Description	Auction - quotation
Type	**auct.qtn.001.01**
Source	<xs:element name="auct.qtn.001.01" type="auct.qtn.001.01" />

KDPWMemberIdentifier- KDPW member identifier (simple type)

Description	KDPW member identifier
Type	Derivative of type: xs:string

Format	Min. length=4 Max. length=4

Source	`<xs:simpleType name="KDPWMemberIdentifier" >`
	  `<xs:restriction base="xs:string" >`
	    `<xs:whiteSpace value="collapse" />`
	    `<xs:minLength value="4" />`
	    `<xs:maxLength value="4" />`
	  `</xs:restriction>`
	`</xs:simpleType>`

Max14Int- Integer (simple type)

Description	Integer, max. length 14 characters
Type	Derivative of type: xs:integer
Format	Number of characters=14 Min. value=0

Source	`<xs:simpleType name="Max14Int" >`
	  `<xs:restriction base="xs:integer" >`
	    `<xs:totalDigits value="14" />`
	    `<xs:minInclusive value="0" />`
	  `</xs:restriction>`
	`</xs:simpleType>`

Max4Text- Text (simple type)

Description	Text, max. length 4 characters
Type	Derivative of type: xs:string
Format	Min. length=1 Max. length=4

Source	`<xs:simpleType name="Max4Text" >`
	  `<xs:restriction base="xs:string" >`
	    `<xs:whiteSpace value="collapse" />`
	    `<xs:minLength value="1" />`
	    `<xs:maxLength value="4" />`
	  `</xs:restriction>`
	`</xs:simpleType>`

Max16Text- Text (simple type)

Description	Text, max. length 16 characters
Type	Derivative of type: xs:string
Format	Min. length=1 Max. length=16

Source	`<xs:simpleType name="Max16Text" >`
	  `<xs:restriction base="xs:string" >`
	    `<xs:minLength value="1" />`
	    `<xs:maxLength value="16" />`
	  `</xs:restriction>`
	`</xs:simpleType>`

Max16TextCollapse- **Text** (simple type)	
Description	Text, max. length 16 characters
Type	Derivative of type: xs:string
Format	Min. length=1 Max. length=16

Source	\<xs:simpleType name="Max16TextCollapse" \>
	  \<xs:restriction base="xs:string" \>
	    \<xs:whiteSpace value="collapse" /\>
	    \<xs:minLength value="1" /\>
	    \<xs:maxLength value="16" /\>
	  \</xs:restriction\>
	\</xs:simpleType\>

Max35Text- **Text** (simple type)	
Description	Text, max. length 35 characters
Type	Derivative of type: xs:string
Format	Min. length=1 Max. length=35

Source	\<xs:simpleType name="Max35Text" \>
	  \<xs:restriction base="xs:string" \>
	    \<xs:minLength value="1" /\>
	    \<xs:maxLength value="35" /\>
	  \</xs:restriction\>
	\</xs:simpleType\>

QuotationDetails- **Quotation details** (complex type)	
Description	Quotation details
Component elements	**PAAcct** **Qtn**{1,unbounded}

Source	\<xs:complexType name="QuotationDetails" \>
	  \<xs:sequence \>
	    \<xs:element name="PAAcct" type="Max35Text" /\>
	    \<xs:element name="Qtn" type="QuotationPerSegment" maxOccurs="unbounded" /\>
	  \</xs:sequence\>
	\</xs:complexType\>

QuotationDetails/PAAcct- **PA account identifier** (element)	
Description	PA account identifier to register the transactions
Type	**Max35Text**
Source	\<xs:element name="PAAcct" type="Max35Text" /\>

QuotationDetails/Qtn- **Quotation** (element)	
Description	Quotation
Type	**QuotationPerSegment**
Source	\<xs:element name="Qtn" type="QuotationPerSegment" maxOccurs="unbounded" /\>

QuotationPerSegment- Quotation per segment (complex type)	
Description	Quotation per segment
Component elements	**QtnId** **AuctnSgmntId** **Unit** **PricPerUnit**
Source	<xs:complexType name="QuotationPerSegment" > <xs:sequence > <xs:element name="QtnId" type="Max16Text" /> <xs:element name="AuctnSgmntId" type="Max16Text" /> <xs:element name="Unit" type="Max14Int" /> <xs:element name="PricPerUnit" type="SignedAmount" /> </xs:sequence> </xs:complexType>

QuotationPerSegment/QtnId- Quotation identifier (element)	
Description	Quotation identifier
Type	**Max16Text**
Source	<xs:element name="QtnId" type="Max16Text" />

QuotationPerSegment/AuctnSgmntId- Auction segment identifier (element)	
Description	Auction segment identifier
Type	**Max16Text**
Source	<xs:element name="AuctnSgmntId" type="Max16Text" />

QuotationPerSegment/Unit- Units in the quotation (element)	
Description	Units in the quotation
Type	**Max14Int**
Source	<xs:element name="Unit" type="Max14Int" />

QuotationPerSegment/PricPerUnit- Price per unit (element)	
Description	Price per unit
Type	**SignedAmount**
Source	<xs:element name="PricPerUnit" type="SignedAmount" />

SignedAmount- Amount (simple type)	
Description	Amount
Type	Derivative of type: xs:decimal
Format	Number of decimal places=2 Number of characters=14
Source	<xs:simpleType name="SignedAmount" > <xs:restriction base="xs:decimal" > <xs:fractionDigits value="2" /> <xs:totalDigits value="14" />

	`</xs:restriction>` `</xs:simpleType>`

auct.qtn.001.01- Auction - quotation (complex type)

Description	Auction - quotation
Component elements	**GnlInf** **QtnDtls**{1,unbounded}

Source	`<xs:complexType name="auct.qtn.001.01" >`
	  `<xs:sequence >`
	   `<xs:element name="GnlInf" type="GeneralInformation" />`
	   `<xs:element name="QtnDtls" type="QuotationDetails" maxOccurs="unbounded" />`
	  `</xs:sequence>`
	`</xs:complexType>`

auct.qtn.001.01/GnlInf- General information (element)

Description	General information
Type	**GeneralInformation**
Source	`<xs:element name="GnlInf" type="GeneralInformation" />`

auct.qtn.001.01/QtnDtls- Quotation details (element)

Description	Quotation details
Type	**QuotationDetails**
Source	`<xs:element name="QtnDtls" type="QuotationDetails" maxOccurs="unbounded" />`