

Capacity Allocation - Auction

Model Documentation



The European message format for the gas market

Version 6.1

Document Version: 2
Schema Version: 1

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1 Model Detail

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81 2 Auction Bid Document usage decision table

82 The following decision table provides a summary of the message requirements depending on the type of message:

| Auction Bid Document | Auction Bid |
|---|---|
| identification | Mandatory |
| version | Mandatory |
| documentCode | ALN = Auction Bid |
| creationDateTime | Mandatory |
| validityPeriod | Mandatory |
| issuer_MarketParticipant.identification | Mandatory; codingScheme = 305 (EIC Party X code) |
| issuer_MarketParticipant.marketRole.roleCode | ZUV = Capacity Responsible Party |
| recipient_MarketParticipant.identification | Mandatory; codingScheme = 305 (EIC Party X code) |
| recipient_MarketParticipant.marketRole.roleCode | ZUJ = Capacity Platform Responsible |
| contract_Reference.identification | Identification of the auction |
| contract_Reference.referenceCode | ZSD = Contract reference of a capacity platform product. |
| bidder_Reference.identification | Mandatory. |
| counter_MarketParticipant.identification | Mandatory for bundled bids and in the case where the counter party is not the same as the bidding party; codingScheme = 305 (EIC Party X code) |
| quantity_MeasureUnit.unitOfMeasureCode | KW1 = Kilowatt-hour per hour (kWh/h) KW2 = Kilowatt-hour per day (kWh/d) . |
| bid_Quantity.amount | Mandatory. |
| min_Quantity.amount | Used if a Capacity Responsible Party will not accept any quantity allocated in the place of the quantity bid in the case of a uniform price auction |
| totalRequestedUpgrade_Quantity.amount | Used if upgrade from interruptible to firm capacity requested |
| totalRequestedConversion_Quantity.amount | Used if unbundled capacity to be converted to bundled capacity. |
| price_MeasureUnit.unitOfMeasureCode | Used only for uniform price auction KW1 = Kilowatt-hour per hour (kWh/h) KW2 = Kilowatt-hour per day (kWh/d). |
| currency.currencyCode | Used only for uniform price auction |
| bid_Price.amount | Used only for uniform price auction |

| Auction Bid Document | Auction Bid |
|--|---|
| status.statusCode | 62G = Active 63G = Cancelled |
| from_Account.identification | Used if account information is required; codingScheme = 305 (EIC Account Y code) or ZSO. |
| from_Account.accountCode | Used to clarify type of from account identification; codingScheme = 305 (EIC Party X code). |
| to_Account.identification | Used if account information is required; codingScheme = 305 (EIC Account Y code) or ZSO. |
| to_Account.accountCode | Used to clarify type of to account identification if it is ambiguous; codingScheme = 305 (EIC Party X code). |
| rollOver_Indication.indicatorCode | Used in the case where a bid may be rolled over by the capacity platform to a following auction. |
| termsAndCotionsAccepted_Indication.indicatorCode | Used in the case where it is required by the System Operator. |
| ConversionReference.identification | Used in the case where it is required to identify the unbundled capacity that may be bundled |
| ConversionReference.holdingSo_MarketParticipant.identification | Used if there is a conversion reference identification; codingScheme = 305 (EIC Party X code). |
| ConversionReference.requestedConversion_Quantity.amount | Used to identify the unbundled capacity to be bundled. |
| ConversionAccount.identification | Used if there is a conversion reference identification and there is a particular account concerned; codingScheme = 305 (EIC Account Y code) or ZSO. |
| ConversionAccount.conversion_Quantity.amount | Used to identify a quantity to be converted from a particular account. |
| UpgradeReference.identification | Used in the case where interruptible capacity may be used to partially or completely finance a firm capacity bid |
| UpgradeReference.holdingSo_MarketParticipant.identification | Used if the interruptible capacity account is ambiguous; codingScheme = 305 (EIC Party X code) . |
| UpgradeReference.requestedUpgrade_Quantity.amount | Mandatory if no upgrade account to identify the amount of interruptible capacity to finance a firm capacity bid. |
| UpgradeAccount.identification | Mandatory if a particular account contains the interruptible capacity; codingScheme = 305 (EIC Account Y code) or ZSO. |
| UpgradeAccount.upgrade_Quantity.amount | Used to identify the interruptible capacity to be taken from the account. |

84 3 Auction Results Document usage decision table

85 The following decision table provides a summary of the message requirements depending on the type of message.

| Auction Results Document | Capacity Responsible Party allocated capacity | Aggregated auction results for Capacity Responsible Party's | Detailed auction results for System Operators |
|---|--|---|---|
| identification | Mandatory. | | |
| version | Mandatory. | | |
| documentCode | ANA = Capacity Responsible Party allocated capacity. | ANB = Aggregated auction results for Capacity Responsible Party's. | ANT = Detailed auction results for System Operators. |
| creationDateTime | Mandatory. | | |
| validityPeriod | Mandatory. | | |
| issuer_MarketParticipant.identification | Mandatory; codingScheme = 305 (EIC Party X code). | | |
| issuer_MarketParticipant.marketRole.roleCode | ZUJ = Capacity Platform Responsible. | ZUJ = Capacity Platform Responsible. | ZUJ = Capacity Platform Responsible. |
| recipient_MarketParticipant.identification | Mandatory; codingScheme = 305 (EIC Party X code). | | |
| recipient_MarketParticipant.marketRole.roleCode | ZUV = Capacity Responsible Party. | ZUV = Capacity Responsible Party. | ZSO = System Operator. |
| contract_Reference.identification | Mandatory. | | |
| contract_Reference.referenceCode | ZSD = Contract reference of a capacity platform product ZSE = Reverse auction. | ZSD = Contract reference of an Auction Office product ZSE = Reverse auction. | ZSD = Contract reference of a capacity platform product ZSE = Reverse auction. |
| status.statusCode | 63G= Cancelled 64G = Allocated 65G = Not awarded. | | |
| product_PeriodSpan.periodSpanCode | ZEJ = Yearly. ZEK = Quarterly. ZEL = Monthly. ZEM = Daily. ZEN = Within day. | | |
| productTimeInterval_.timeInterval | Mandatory. | | |
| connectionPoint.identification | Mandatory; codingScheme = 305 (EIC Measurement point Z or Y code) or ZSO. | | |
| connectionPoint.bookablePointIdentification | Not used | Not used | Mandatory |

| Auction Results Document | Capacity Responsible Party allocated capacity | Aggregated auction results for Capacity Responsible Party's | Detailed auction results for System Operators |
|--|--|---|---|
| quantity_MeasureUnit.unitOfMeasureCode | KW1 = Kilowatt-hour per hour (kWh/h) KW2 = Kilowatt-hour per day (kWh/d). | | |
| price_MeasureUnit.unitOfMeasureCode | KW1 = Kilowatt-hour per hour (kWh/h) KW2 = Kilowatt-hour per day (kWh/d). | | |
| currency.currencyCode | Mandatory (Refer to Edig@s CurrencyCodeTypeCodeList for the list of valid codes). | | |
| currency.exchangeRate | Used if the currency defined in the Currency.Code attribute is not Euro. | | |
| totalCapacityOffered_Quantity.amount | Mandatory. | | |
| totalCapacityOffered_Quantity.bundled_Indication.indicatorCode | Used if capacity is bundled | | |
| totalAllocated_Quantity.amount | Used if the auction was successful. | | |
| totalAllocated_Quantity.bundled_Indication.indicatorCode | Used if the auction was successful. 01G = Bundled (Yes). 02G = Unbundled (No). | | |
| largeStep_Price.amount | Used for ascending clock auctions. | | |
| smallStep_Price.amount | Used for ascending clock auctions. | | |
| clearing_Price.amount | Mandatory. | | |
| auctionHeld_Period.timeInterval | Mandatory. | | |
| tsoContract_Reference.identification | Not used | Not used | Mandatory. |
| BiddingRound_Sequence.position | Not used if auction cancelled. | | |
| BiddingRound_Sequence.biddingRound_Price.amount | Used only for ascending clock auctions and position. | | |
| BiddingRound_Sequence.totalCapacityBid_Quantity.amount | Not used | Not used | Used for unsuccessful bidding rounds. |
| BiddingRound_Sequence.totalCapacityBid_Quantity.bundled_Indication.indicatorCode | Mandatory if position. | | |
| Bid_Document.identification | Not used if auction cancelled. | | |
| Bid_Document.version | Mandatory if identification. | | |
| Bid_Document.bid_MarketParticipant.identification | Mandatory if identification; codingScheme = 305 (EIC Party X code). | | |
| Bid_Document.bidder_Reference.identification | Mandatory if identification. | | |

| Auction Results Document | Capacity Responsible Party allocated capacity | Aggregated auction results for Capacity Responsible Party's | Detailed auction results for System Operators |
|---|--|---|---|
| Bid_Document.counter_MarketParticipant.identification | Used for bundled bids where the counter party is not the same as the bidding party; codingScheme = 305 (EIC Party X code). | | |
| Bid_Document.bid_Quantity.amount | Mandatory if identification. | | |
| Bid_Document.bid_Quantity.bundled_Indication.indicatorCode | Mandatory if identification. | | |
| Bid_Document.min_Quantity.amount | Used only any quantity allocated in the place of the quantity bid in a uniform price auction cannot be inferior. | | |
| Bid_Document.min_Quantity.bundled_Indication.indicatorCode | Used if min_Quantity.amount present. 01G = Bundled (Yes). 02G = Unbundled (No). | | |
| Bid_Document.allocated_Quantity.amount | Used if allocation | | |
| Bid_Document.Bid_Document.allocated_Quantity.bundled_Indication.indicatorCode | Used if allocated quantity. 01G = Yes. 02G = No. | | |
| Bid_Document.auctionBooking_Reference.identification | Mandatory. | | |
| Bid_Document.bid_Price.amount | Used only for uniform price auctions. | | |
| Bid_Document.totalRequestedUpgrade_Quantity.amount | Used only if upgrade capacity requested | | |
| Bid_Document.totalRequestedUpgrade_Quantity.bundled_Indication.indicatorCode | Used if total requested upgrade quantity | | |
| Bid_Document.totalRequestedConversion_Quantity.amount | Used only if conversion capacity requested | | |
| Bid_Document.totalRequestedConversion_Quantity.bundled_Indication.indicatorCode | Used if total requested conversion quantity. 01G = Bundled (Yes). 02G = Unbundled (No). | | |
| Bid_Document.from_Account.identification | Used only if account information was required; codingScheme = 305 (EIC Account Y code). | | |
| Bid_Document.from_Account.accountCode | Used if account information unclear; codingScheme = 305 (EIC Party X code). | | |

| Auction Results Document | Capacity Responsible Party allocated capacity | Aggregated auction results for Capacity Responsible Party's | Detailed auction results for System Operators |
|--|---|---|---|
| Bid_Document.to_Account.identification | Used only if account information was required; codingScheme = 305 (EIC Account Y code). | | |
| Bid_Document.to_Account.accountCode | Used if account information unclear; codingScheme = 305 (EIC Party X code). | | |
| Bid_Document.status.statusCode | 71G = Rejected 64G = Allocated 65G = Not awarded. | | |
| Bid_Document.bidRolledOver_Indication.indicatorCode | Used if bid rolled over to current auction. 01G = Yes. 02G = No. | | |
| ToSo_MarketParticipant or FromSo_Marketparticipant.identification | Mandatory if bundled or to identify entry (To) or exit capacity (from); codingScheme = 305 (EIC Party X code). | | |
| ToSo_MarketParticipant or FromSo_Marketparticipant.availability.availabilityCode | ZFA = Available Interruptible capacity. ZFB = Available firm capacity. | | |
| ToSo_MarketParticipant or FromSo_Marketparticipant.price_MeasureUnit.unitOfMeasureCode | KW1 = Kilowatt-hour per hour (kWh/h) KW2 = Kilowatt-hour per day (kWh/d). | | |
| ToSo_MarketParticipant or FromSo_Marketparticipant.urrency.currencyCode | Mandatory (Refer to Edig@s CurrencyCodeTypeCodeList for the list of valid codes). | | |
| ToSo_MarketParticipant or FromSo_Marketparticipant.currency.exchangeRate | Used if the currency not Euro. | | |
| ToSo_MarketParticipant or FromSo_Marketparticipant.premium_Price.amount | Used if uniform price auction. | | |
| ToSo_MarketParticipant or FromSo_Marketparticipant.reserve_Price.amount | Used if different from Auction reserve price | | |
| Cost_Price.priceCode | Mandatory if there are SO additional costs. Z01 = Measurement fee Z02 = Accounting fee Z03 = Biogas fee Z04 = Operating fee | | |
| Cost_Price.amount | Mandatory if additional costs. | | |

| Auction Results Document | Capacity Responsible Party allocated capacity | Aggregated auction results for Capacity Responsible Party's | Detailed auction results for System Operators |
|---|---|---|---|
| UpgradeReference_Document.identification | Mandatory to identify the upgraded interruptible capacity to partially or completely finance a firm capacity bid. | | |
| UpgradeReference_Document.holdingTso_MarketParticipant.identification | Mandatory; codingScheme = 305 (EIC Party X code). | | |
| UpgradeReference_Document.totalRequestedupgrade_Quantity.amount | Used if the requested upgrade quantity is not associated to an internal account | | |
| UpgradeReference_Document.totalRequestedupgrade_Quantity.bundled_Indication.indicatorCode | Used if total requested upgrade quantity. 01G = Bundled (Yes). 02G = Unbundled (No). | | |
| Upgrade_Account | Mandatory if account information provided. | | |
| Upgrade_Account.identification | Mandatory if account information provided; codingScheme = 305 (EIC Account Y code) or ZSO. | | |
| Upgrade_Account.upgrade_Quantity.amount | Mandatory | | |
| Upgrade_Account.upgrade_Quantity.bundled_Indication.indicatorCode | Mandatory 01G = Bundled (Yes). 02G = Unbundled (No). | | |
| ConversionReference_Document.identification | Used to identify unbundled capacity used to create bundled capacity | | |
| ConversionReference_Document.holdingTso_MarketParticipant.identification | Mandatory. | | |
| ConversionReference_Document.totalRequestedConversion_Quantity.amount | Mandatory if the requested conversion quantity is not associated to an internal account | | |
| ConversionReference_Document.totalRequestedConversion_Quantity.bundled_Indication.indicatorCode | Mandatory if total requested conversion quantity. 01G = Bundled (Yes). 02G = Unbundled (No). | | |
| Conversion_Account.identification | Mandatory if account information provided.; codingScheme = 305 (EIC Account Y code) or ZSO. | | |
| Conversion_Account.conversion_Quantity.amount | Mandatory. | | |
| conversion_Quantity.bundled_Indication.indicatorCode | Mandatory. 01G = Bundled (Yes). 02G = Unbundled (No). | | |

4 Capacity Allocation Auction

4.1 Business Process

4.1.1 Capacity allocation bidding and finalisation sequence

It is assumed that all relevant information required to carry out an auction have already been provided to the Capacity Platform Responsible (for example, Capacity Responsible Party's, bookable points, etc...).

Note 1: The Aggregated Auction Results may, at the discretion of the Capacity Platform Responsible, either be transmitted via an electronic document to the Capacity Responsible Party or via an online interface.

Note 2: The used credit limit is transmitted by the Capacity Platform Responsible to the Transmission System Operator on request.

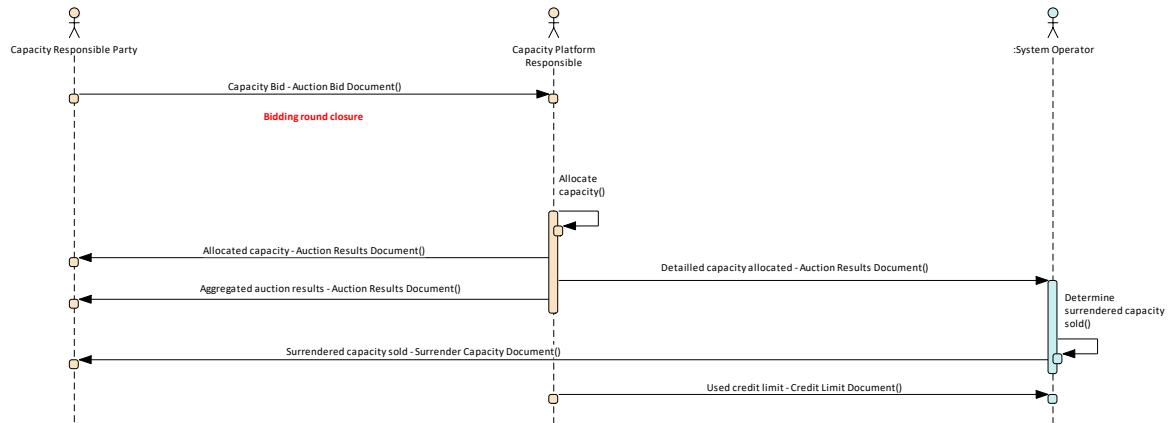


Figure: 1 Capacity allocation bidding and finalisation sequence

4.2 Auction Bid Document (AUCBID)

4.2.1 Auction Bid Document Contextual Model

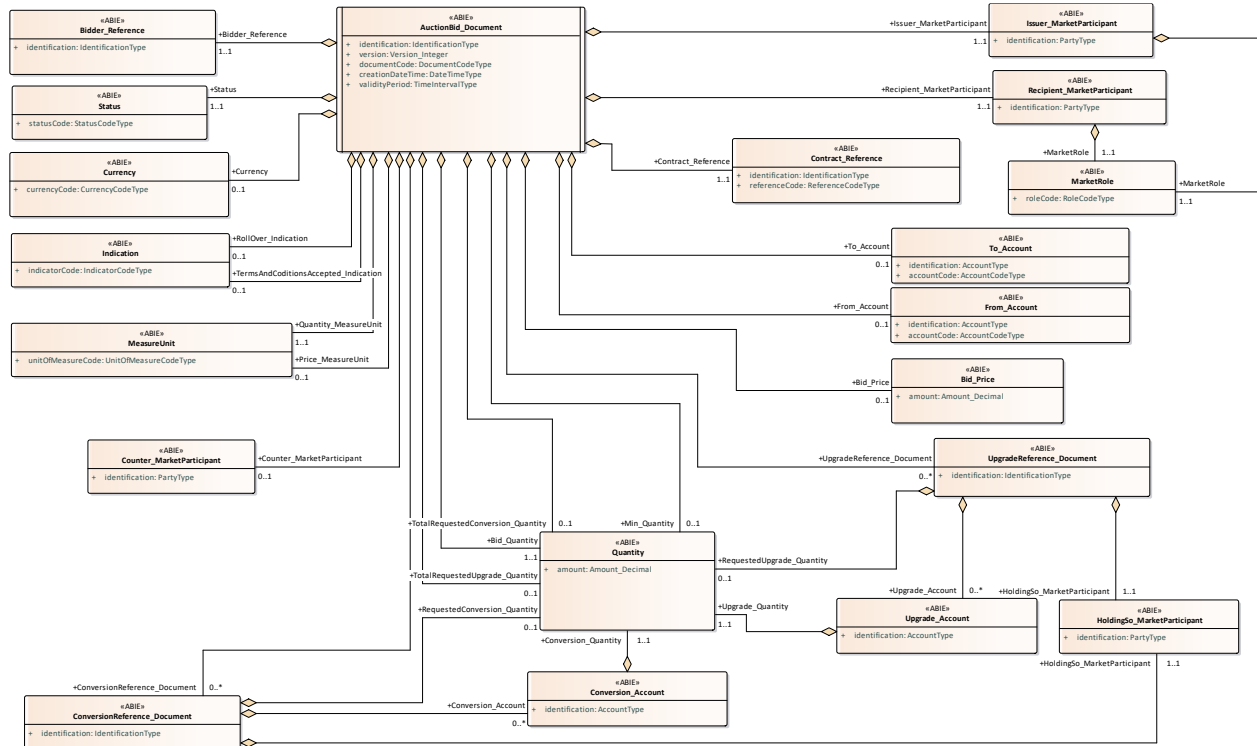


Figure: 2 Auction Bid Document Contextual Model

4.2.2 Auction Bid Document Assembly Model

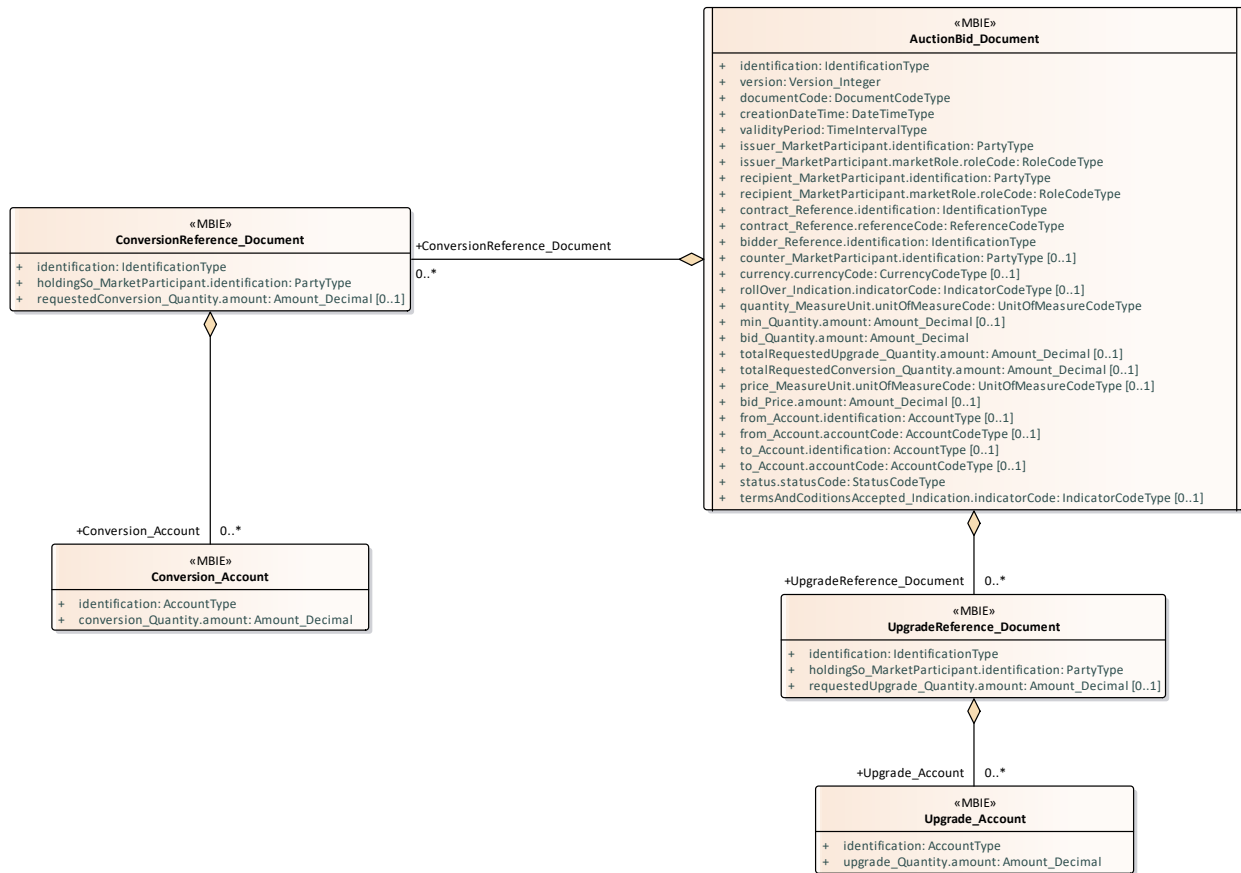


Figure: 3 **Auction Bid Document Assembly Model**

4.2.2.1 AuctionBid_Document

An Auction Bid Document enables a Capacity Responsible Party to submit bids to the capacity platform.

4.2.2.1.1 Attributes

| Attribute | Description | Multiplicity |
|---|---|--------------|
| identification | A unique identification of a document that is assigned by the issuer. | |
| version | Version of the document being sent. | |
| documentCode | Coded representation of the type of the electronic document. (Refer to the Edig@s DocumentCodeTypeCodeList for the list of valid codes). | |
| creationDateTime | Date and time of the creation of the current document expressed in UTC. | |
| validityPeriod | The start and end date and time expressed in UTC of the period of validity covered in the document. | |
| issuer_MarketParticipant.identification | The identification of the party participating in the market. The Issuer of the document is identified by a unique coded identification. This code identifies the party that is the "owner" of the information being transmitted in the document. --- The Issuer of the document. | |
| issuer_MarketParticipant.marketRole.roleCode | A code identifying the role played by a market participant in the market. (Refer to the Edig@s RoleCodeTypeCodeList for the list of valid codes). --- The Issuer of the document. --- The role of the Issuer of the document. | |
| recipient_MarketParticipant.identification | The identification of the party participating in the market. The Recipient of the document is identified by a unique coded identification. --- The Recipient of the document. | |
| recipient_MarketParticipant.marketRole.roleCode | A code identifying the role played by a market participant in the market. (Refer to the Edig@s RoleCodeTypeCodeList for the list of valid codes). --- The Recipient of the document. --- The role of the Recipient of the document. | |
| contract_Reference.identification | The coded identification of a reference. --- The contract reference provides the auction identification that is relevant for the whole document. | |
| contract_Reference.referenceCode | The contract type identifies the contract reference of a capacity platform product defined in the document. (Refer to the Edig@s ReferenceCodeTypeCodeList for the list of valid codes). --- The contract reference provides the auction identification that is relevant for the whole document. | |
| bidder_Reference.identification | The coded identification of a reference. --- The identification of the bidder responsible for the bid. | |
| counter_MarketParticipant.identification | The identification of the party participating in the market. --- Identification of the counter party who participating in a bundled bid. | [0..1] |
| currency.currencyCode | The identification of the formal code for a currency (ISO 4217). | [0..1] |

| Attribute | Description | Multiplicity |
|---|---|--------------|
| | (Refer to the Edig@s CurrencyCodeTypeCodeList for the list of valid codes). --- This information defines the currency of the price within the auction. | |
| rollOver_Indication.indicatorCode | A boolean indicator of the type "yes" or "no". (Refer to the Edig@s IndicatorCodeTypeCodeList for the list of valid codes). --- This information provides the indication that the bid may be rolled over to a following auction in the case where it has not been satisfied. This only applies to a roll over between the day ahead auction and the first within day auction. | [0..1] |
| quantity_MeasureUnit.unitOfMeasureCode | The coded representation of a unit of measure using the UN/CEFACT Recommendation 20 common codes. (Refer to the Edig@s UnitOfMeasureCodeTypeCodeList for the list of valid codes). --- The unit of measure for all quantities in the bid. | |
| min_Quantity.amount | The amount of a quantity. --- This information defines the minimum amount of capacity for the respective standard capacity product which the Capacity Responsible Party is willing to be allocated according to the relevant algorithm in case the Capacity Responsible Party is not allocated the amount requested otherwise the bid will be void. | [0..1] |
| bid_Quantity.amount | The amount of a quantity. --- This information defines the quantity that has been bid within the time interval period. | |
| totalRequestedUpgrade_Quantity.amount | The amount of a quantity. --- This information defines the total requested quantity of interruptible capacity to be upgraded into firm capacity. | [0..1] |
| totalRequestedConversion_Quantity.amount | The amount of a quantity. --- The total unbundled quantity that has been requested to be converted to bundled capacity. | [0..1] |
| price_MeasureUnit.unitOfMeasureCode | The coded representation of a unit of measure using the UN/CEFACT Recommendation 20 common codes. (Refer to the Edig@s UnitOfMeasureCodeTypeCodeList for the list of valid codes). --- The unit of measure for any prices described in the bid. | [0..1] |
| bid_Price.amount | The monetary amount of a price. --- The price per price measurement unit that is bid for the quantity in a uniform price auction. | [0..1] |
| from_Account.identification | The identification of an account. | [0..1] |
| from_Account.accountCode | The identification of an account type. (Refer to the Edig@s AccountCodeTypeCodeList for the list of valid codes). | [0..1] |
| to_Account.identification | The identification of an account. | [0..1] |
| to_Account.accountCode | The identification of an account type. (Refer to the Edig@s AccountCodeTypeCodeList for the list of valid codes). | [0..1] |
| status.statusCode | A code providing the status of an object. (Refer to the Edig@s StatusCodeTypeCodeList for the list of valid codes). --- This information provides the status of the bid. | |
| termsAndConditionsAccepted_Indication.indicatorCode | A boolean indicator of the type "yes" or "no". (Refer to the Edig@s IndicatorCodeTypeCodeList for the list of valid codes). | [0..1] |

| Attribute | Description | Multiplicity |
|-----------|---|--------------|
| | --- This information provides the indication that the terms and conditions of the System Operator have been accepted. | |

4.2.2.2 ConversionReference_Document

In the case where it is required to identify the unbundled capacity that may be bundled, this class is used to provide the contract document reference governing the unbundled capacity as well as the relevant quantity.

4.2.2.2.1 Attributes

| Attribute | Description | Multiplicity |
|--|---|--------------|
| identification | A unique identification of a document that is assigned by the issuer. | |
| holdingSo_MarketParticipant.identification | The identification of the party participating in the market. --- The System Operator that manages the account for unbundled capacity identified by its contract reference. | |
| requestedConversion_Quantity.amount | The amount of a quantity. | [0..1] |

4.2.2.3 Conversion_Account

In the case where internal accounts are used to identify an unbundled capacity account the following may be provided.

4.2.2.3.1 Attributes

| Attribute | Description | Multiplicity |
|----------------------------|---|--------------|
| identification | The identification of an account. | |
| conversion_Quantity.amount | The amount of a quantity. --- This information defines the requested amount of unbundled capacity that is to be converted to bundled capacity. | |

4.2.2.4 UpgradeReference_Document

In the case where it is required to identify the interruptible capacity that may be used to partially or completely finance a firm capacity bid this class is used to provide the contract document reference governing the interruptible capacity as well as the relevant quantity.

4.2.2.4.1 Attributes

| Attribute | Description | Multiplicity |
|--|---|--------------|
| identification | A unique identification of a document that is assigned by the issuer. | |
| holdingSo_MarketParticipant.identification | The identification of the party participating in the market. --- The System Operator that manages the account for interruptible capacity identified by its contract reference. | |
| requestedUpgrade_Quantity.amount | The amount of a quantity. --- This information defines the interruptible quantity within the reference document that is to be upgraded into a firm quantity. | [0..1] |

4.2.2.5 Upgrade_Account

In the case where internal accounts are used to identify an interruptible account the following may be provided.

4.2.2.5.1 Attributes

| Attribute | Description | Multiplicity |
|-------------------------|---|--------------|
| identification | The identification of an account. | |
| upgrade_Quantity.amount | The amount of a quantity. --- This information defines the requested amount of interruptible capacity that is to be upgraded to firm capacity. | |

4.3 Auction Results Document (AUCRES)

4.3.1 Auction Results Document Contextual Model

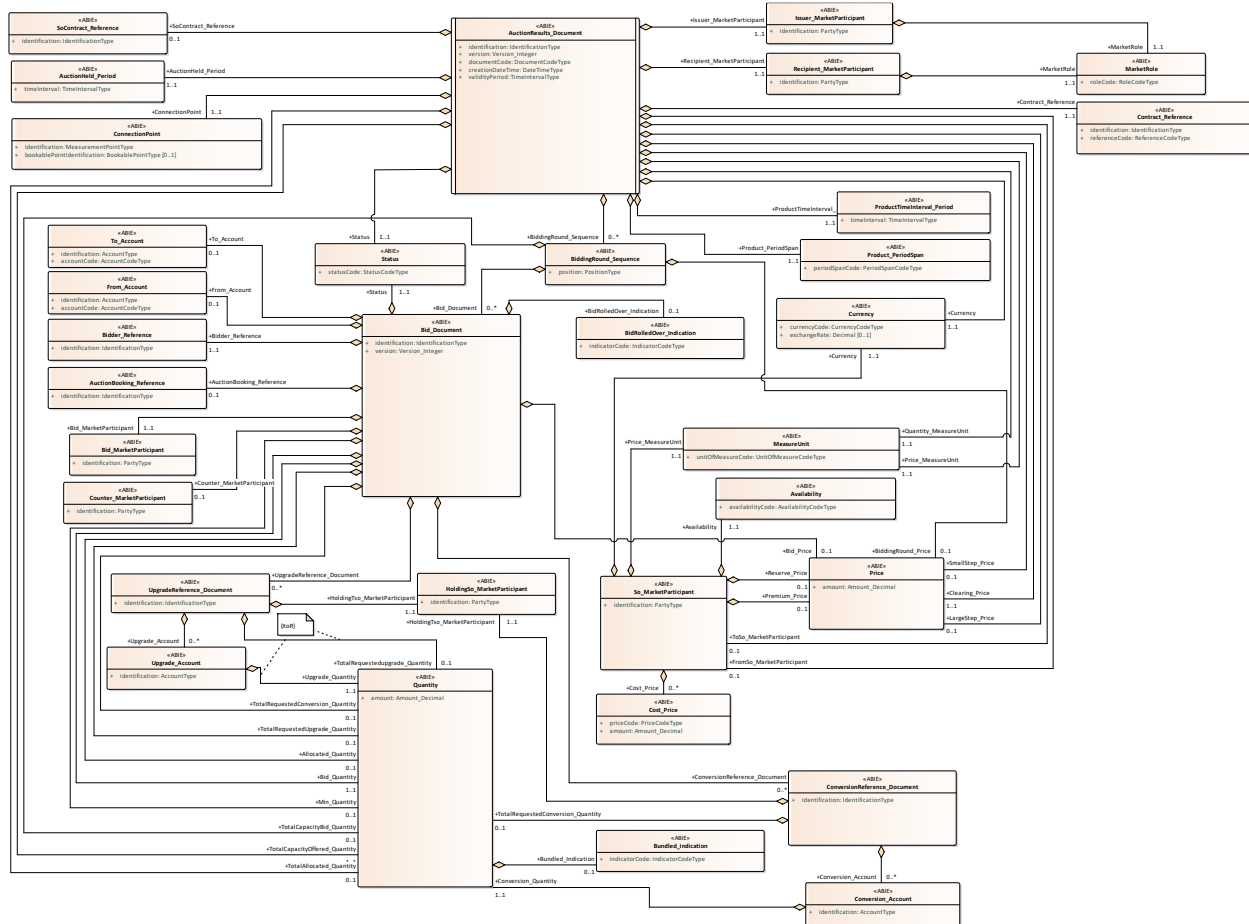


Figure: 4 Auction Results Document Contextual Model

138 4.3.2 Auction Results Document Assembly Model

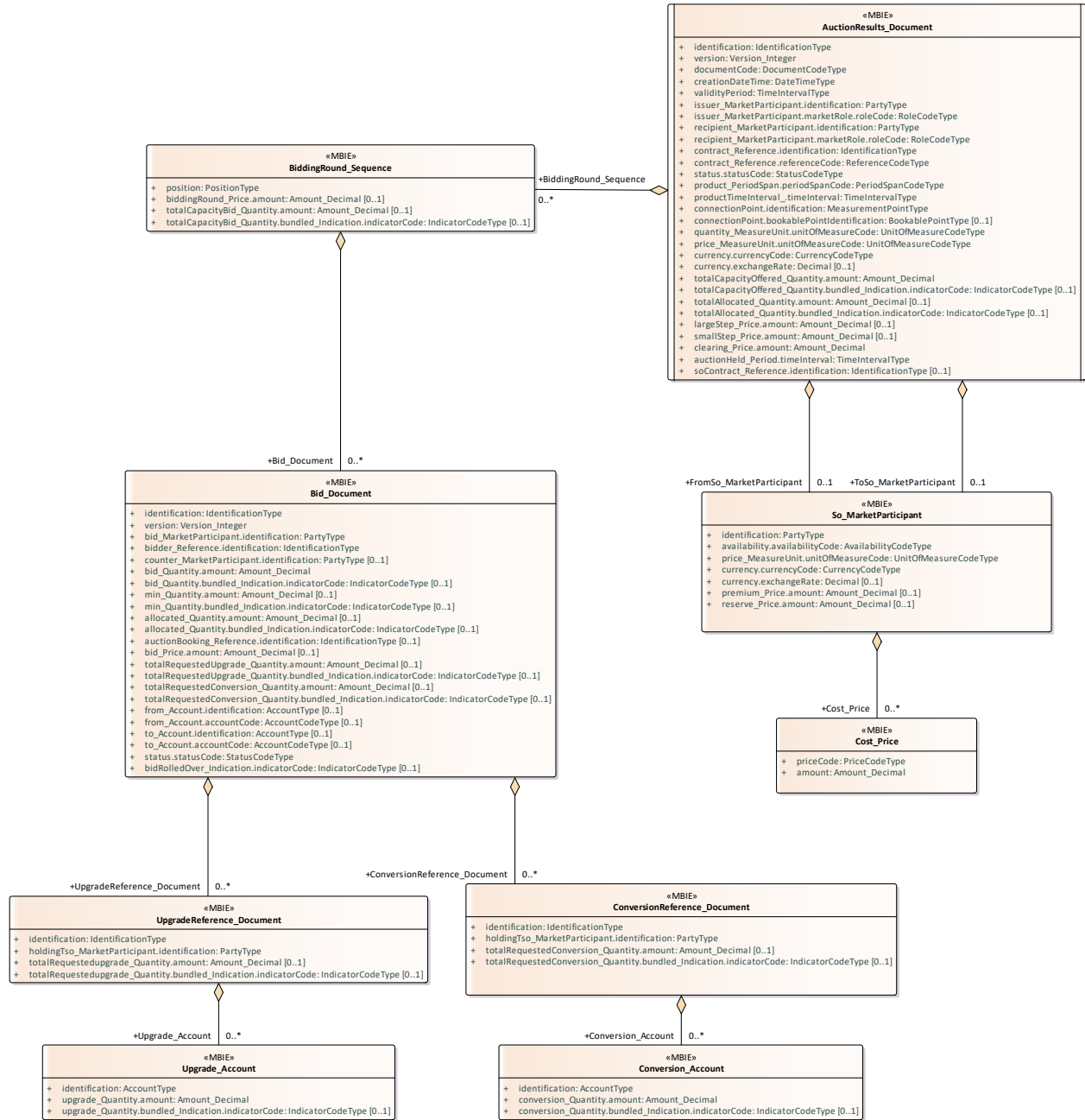


Figure: 5 Auction Results Document Assembly Model

4.3.2.1 AuctionResults_Document

An Auction Results Document is used in three different contexts within the CAM process:

1. To enable the Capacity Platform Responsible to inform Capacity Responsible Party's of the results of their bids and its corresponding allocation.
2. To enable the Capacity Platform Responsible to inform the System Operators of the bids made during the auction and their allocation.
3. To enable the Capacity Platform Responsible to inform the market of the capacity that has been allocated during the auction.

4.3.2.1.1 Attributes

| Attribute | Description | Multiplicity |
|---|--|--------------|
| identification | A unique identification of a document that is assigned by the issuer. | |
| version | Version of the document being sent. | |
| documentCode | Coded representation of the type of the electronic document. (Refer to the Edig@s DocumentCodeTypeCodeList for the list of valid codes). This identifies the type of Auction Results Document that is being sent | |
| creationDateTime | Date and time of the creation of the current document expressed in UTC. | |
| validityPeriod | The start and end date and time expressed in UTC of the period of validity covered in the document. | |
| issuer_MarketParticipant.identification | The identification of the party participating in the market. --- The role being played by the Issuer of the document for this transmission. | |
| issuer_MarketParticipant.marketRole.roleCode | A code identifying the role played by a market participant in the market. (Refer to the Edig@s ReferenceCodeTypeCodeList for the list of valid codes). --- The role being played by the Issuer of the document for this transmission. --- The role being played by the Issuer of the document for this transmission. | |
| recipient_MarketParticipant.identification | The identification of the party participating in the market. --- The Recipient of the document is identified by a unique coded identification. | |
| recipient_MarketParticipant.marketRole.roleCode | A code identifying the role played by a market participant in the market. (Refer to the Edig@s ReferenceCodeTypeCodeList for the list of valid codes). --- The Recipient of the document is identified by a unique coded identification. --- The role being played by the Recipient of the document for this transmission | |
| contract_Reference.identification | The coded identification of a reference. The contract reference provides the auction identification relevant for the whole document. This is the specific auction ID. | |
| contract_Reference.referenceCode | Identification of a type of reference. (Refer to the Edig@s ReferenceCodeTypeCodeList for the list of valid codes). | |

| Attribute | Description | Multiplicity |
|--|---|--------------|
| | The contract type identifies the nature of the contract defined in the document (auction or reverse auction). | |
| status.statusCode | A code providing the status of an object. (Refer to the Edig@s StatusCodeTypeCodeList for the list of valid codes). --- This information provides the status of the auction. | |
| product_PeriodSpan.periodSpanCode | A code providing the time span of a given period (daily, weekly, monthly, etc.). (Refer to the Edig@s PeriodSpanCodeTypeCodeList for the list of valid codes). --- A code identifying the span for the product that was auctioned. | |
| productTimeInterval_.timeInterval | The start and end date and time for the period. The time is expressed in UTC. --- This information provides the start and end date and time of the period of the product that was auctioned. | |
| connectionPoint.identification | The identification of a connection point. | |
| connectionPoint.bookablePointIdentification | The identification of a given connection point, Transmission System Operator and direction. | [0..1] |
| quantity_MeasureUnit.unitOfMeasureCode | The coded representation of a unit of measure using the UN/CEFACT Recommendation 20 common codes. (Refer to the Edig@s UnitOfMeasureCodeTypeCodeList for the list of valid codes). --- The unit of measure which is applied to all the quantities related to the auction results. | |
| price_MeasureUnit.unitOfMeasureCode | The coded representation of a unit of measure using the UN/CEFACT Recommendation 20 common codes. (Refer to the Edig@s UnitOfMeasureCodeTypeCodeList for the list of valid codes). --- The unit of measure which is related to all the prices for the auction results. | |
| currency.currencyCode | The identification of the formal code for a currency (ISO 4217). (Refer to the Edig@s CurrencyCodeTypeCodeList for the list of valid codes). --- This information defines the currency of a price within the auction. | |
| currency.exchangeRate | The rate of exchange to convert the amount in a currency to Euro. --- This information defines the currency of a price within the auction. | [0..1] |
| totalCapacityOffered_Quantity.amount | The amount of a quantity. --- This information defines the total amount of capacity that was offered in the auction. | |
| totalCapacityOffered_Quantity.bundled_Indication.indicatorCode | A boolean indicator of the type "yes" or "no". (Refer to the Edig@s IndicatorCodeTypeCodeList for the list of valid codes). --- This information defines the total amount of capacity that was offered in the auction. | [0..1] |
| totalAllocated_Quantity.amount | The amount of a quantity. --- This information defines the total amount of capacity that was allocated by the capacity platform. In the case of a document type "ANA" it means the quantity allocated to the bidder. In the case of document type "ANB" or "ANT" it | [0..1] |

| Attribute | Description | Multiplicity |
|--|---|--------------|
| | means the global quantity allocated for the auction by the capacity platform. | |
| totalAllocated_Quantity.bundled_Indication.indicatorCode | A boolean indicator of the type "yes" or "no". (Refer to the Edig@s IndicatorCodeTypeCodeList for the list of valid codes). --- This information defines the total amount of capacity that was allocated by the capacity platform. In the case of a document type "ANA" it means the quantity allocated to the bidder. In the case of document type "ANB" or "ANT" it means the global quantity allocated for the auction by the capacity platform. | [0..1] |
| largeStep_Price.amount | The monetary amount of a price. --- The price that represents a price step that is defined per interconnection point and standard capacity product and may be a fixed or variable amount. | [0..1] |
| smallStep_Price.amount | The monetary amount of a price. --- The amount that represents a price step that is defined per interconnection point and standard capacity product which may be a fixed or variable amount and is smaller than the large price step. The small price step shall be set such that an increase by an integer number of small price steps is equal to an increase by a large price step. | [0..1] |
| clearing_Price.amount | The monetary amount of a price. --- The clearing price established by the capacity platform following an auction. | |
| auctionHeld_Period.timeInterval | The start and end date and time for the period. The time is expressed in UTC. --- The start and end date and time of the period when the auction was held. | |
| soContract_Reference.identification | The coded identification of a reference. | [0..1] |

4.3.2.2 BiddingRound_Sequence

There may be zero to many BiddingRound_Sequence classes. In the case where an auction has been cancelled this information shall not be present.

4.3.2.2.1 Attributes

| Attribute | Description | Multiplicity |
|--|--|--------------|
| position | The identification of a given sequence value. | |
| biddingRound_Price.amount | The monetary amount of a price. --- The price per price measurement unit that has been defined for the bidding round in an ascending clock auction. | [0..1] |
| totalCapacityBid_Quantity.amount | The amount of a quantity. --- This information defines the total amount of capacity that was bid in the bidding round. | [0..1] |
| totalCapacityBid_Quantity.bundled_Indication.indicatorCode | A boolean indicator of the type "yes" or "no". (Refer to the Edig@s IndicatorCodeTypeCodeList for the list of valid codes). --- This information defines the total amount of capacity that was bid in the bidding round. | [0..1] |

4.3.2.3 Bid_Document

There may be zero to many Bid_Document classes.

If no valid bids have been received for the auction, then this information shall not be provided.

4.3.2.3.1 Attributes

| Attribute | Description | Multiplicity |
|---|--|--------------|
| identification | A unique identification of a document that is assigned by the issuer. This identifies the document being reported. | |
| version | Version of the document being sent. This identifies the document being reported. The first version number for a given document identification shall normally be 1. The document version number must be incremented for each retransmission of a document that contains changes to the previous version. The receiving system shall only accept a document with a version number which is greater than the previous version number of the same document. | |
| bid_MarketParticipant.identification | The identification of the party participating in the market. --- The identification of the party that submitted the bid to the auction for which the results are being provided. | |
| bidder_Reference.identification | The coded identification of a reference. --- This information provides the identification of the individual acting as bidder on behalf of a company. | |
| counter_MarketParticipant.identification | The identification of the party participating in the market. --- Identification of the counter party who is participating in a bundled bid. | [0..1] |
| bid_Quantity.amount | The amount of a quantity. --- This information defines the quantity that has been bid within the time interval period. | |
| bid_Quantity.bundled_Indication.indicatorCode | A boolean indicator of the type "yes" or "no". (Refer to the Edig@s IndicatorCodeTypeCodeList for the list of valid codes). --- This information defines the quantity that has been bid within the time interval period. | [0..1] |
| min_Quantity.amount | The amount of a quantity. --- This information defines the minimum amount of capacity for the respective standard capacity product which the Capacity Responsible Party is willing to be allocated according to the relevant algorithm in case the Capacity Responsible Party is not allocated the amount requested otherwise the bid will be void. | [0..1] |
| min_Quantity.bundled_Indication.indicatorCode | A boolean indicator of the type "yes" or "no". (Refer to the Edig@s IndicatorCodeTypeCodeList for the list of valid codes). --- This information defines the minimum amount of capacity for the respective standard capacity product which the Capacity Responsible Party is willing to be allocated according to the relevant algorithm in case the Capacity Responsible Party is not allocated the amount requested otherwise the bid will be void. | [0..1] |
| allocated_Quantity.amount | The amount of a quantity. --- This information defines the quantity that has been allocated by the capacity platform to the bid. | [0..1] |

| Attribute | Description | Multiplicity |
|--|--|--------------|
| allocated_Quantity.bundled_Indication.indicatorCode | A boolean indicator of the type "yes" or "no". (Refer to the Edig@s IndicatorCodeTypeCodeList for the list of valid codes). --- This information defines the quantity that has been allocated by the capacity platform to the bid. | [0..1] |
| auctionBooking_Reference.identification | The coded identification of a reference. This is the specific booking ID. --- This information provides the identification of the booking that has been assigned by the capacity platform for the allocated quantity. | [0..1] |
| bid_Price.amount | The monetary amount of a price. --- The price that the bidder proposed in a uniform price auction. | [0..1] |
| totalRequestedUpgrade_Quantity.amount | The amount of a quantity. --- This information defines the total requested quantity of interruptible capacity to be upgraded into firm capacity. | [0..1] |
| totalRequestedUpgrade_Quantity.bundled_Indication.indicatorCode | A boolean indicator of the type "yes" or "no". (Refer to the Edig@s IndicatorCodeTypeCodeList for the list of valid codes). --- This information defines the total requested quantity of interruptible capacity to be upgraded into firm capacity. | [0..1] |
| totalRequestedConversion_Quantity.amount | The amount of a quantity. --- This information defines the total requested quantity of unbundled capacity to be converted into bundled capacity. | [0..1] |
| totalRequestedConversion_Quantity.bundled_Indication.indicatorCode | A boolean indicator of the type "yes" or "no". (Refer to the Edig@s IndicatorCodeTypeCodeList for the list of valid codes). --- This information defines the total requested quantity of unbundled capacity to be converted into bundled capacity. | [0..1] |
| from_Account.identification | The identification of an account. | [0..1] |
| from_Account.accountCode | The identification of an account type. (Refer to the Edig@s AccountCodeTypeCodeList for the list of valid codes). | [0..1] |
| to_Account.identification | The identification of an account. | [0..1] |
| to_Account.accountCode | The identification of an account type. (Refer to the Edig@s AccountCodeTypeCodeList for the list of valid codes). | [0..1] |
| status.statusCode | A code providing the status of an object. (Refer to the Edig@s StatusCodeTypeCodeList for the list of valid codes). --- This information provides the status of the bid. | |
| bidRolledOver_Indication.indicatorCode | A boolean indicator of the type "yes" or "no". (Refer to the Edig@s IndicatorCodeTypeCodeList for the list of valid codes). --- This information provides the indication that the bid has been rolled over to this auction. This only applies to a roll over between a day ahead auction and the first within day auction. | [0..1] |

4.3.2.4 ConversionReference_Document

Basic information needed to describe most electronic documents.

There may be zero to many ConversionReference_Documents for a bid document. In the case where it is required to identify the unbundled capacity that may be used to create bundled capacity, this class is used to provide the contract document reference governing the unbundled capacity as well as the relevant quantity.

4.3.2.4.1 Attributes

| Attribute | Description | Multiplicity |
|--|--|--------------|
| identification | A unique identification of a document. The contract reference identification assigned by a System Operator for an unbundled capacity allocation. | |
| holdingTso_MarketParticipant.identification | The identification of the party participating in the market. --- Identification of the System Operator that holds unbundled capacity. | |
| totalRequestedConversion_Quantity.amount | The amount of a quantity. --- This information defines the total quantity of unbundled capacity that is requested by the Capacity Responsible Party to be converted into bundled capacity. | [0..1] |
| totalRequestedConversion_Quantity.bundled_Indication.indicatorCode | A boolean indicator of the type "yes" or "no". (Refer to the Edig@s IndicatorCodeTypeCodeList for the list of valid codes). --- This information defines the total quantity of unbundled capacity that is requested by the Capacity Responsible Party to be converted into bundled capacity. | [0..1] |

4.3.2.5 Conversion_Account

The account or accounts used in a transaction.

--- In the case where internal accounts are used to identify an unbundled account the following may be provided.

4.3.2.5.1 Attributes

| Attribute | Description | Multiplicity |
|--|--|--------------|
| identification | The identification of an account. The identification of the internal Capacity Responsible Party account that identifies unbundled capacity. | |
| conversion_Quantity.amount | The amount of a quantity. --- This information defines the quantity of unbundled capacity that is requested by the Capacity Responsible Party to be converted into bundled capacity. | |
| conversion_Quantity.bundled_Indication.indicatorCode | A boolean indicator of the type "yes" or "no". (Refer to the Edig@s IndicatorCodeTypeCodeList for the list of valid codes). --- This information defines the quantity of unbundled capacity that is requested by the Capacity Responsible Party to be converted into bundled capacity. | [0..1] |

4.3.2.6 UpgradeReference_Document

There may be zero to many UpgradeReference_Documents in a bid document. In the case where it is required to identify the upgraded interruptible capacity that may be used to partially or completely finance a firm capacity bid, this class is used to provide the contract document reference governing the interruptible capacity as well as the relevant quantity.

4.3.2.6.1 Attributes

| Attribute | Description | Multiplicity |
|---|--|--------------|
| identification | The coded identification of a reference. --- The contract reference identification assigned by a System Operator for an interruptible capacity allocation | |
| holdingTso_MarketParticipant.identification | The identification of the party participating in the market. --- Identification of the System Operator that holds unbundled capacity. | |
| totalRequestedupgrade_Quantity.amount | The amount of a quantity. --- This information defines the total requested quantity of interruptible capacity to be upgraded into firm capacity. | [0..1] |
| totalRequestedupgrade_Quantity.bundled_Indication.indicatorCode | A boolean indicator of the type "yes" or "no". (Refer to the Edig@s IndicatorCodeTypeCodeList for the list of valid codes). --- This information defines the total requested quantity of interruptible capacity to be upgraded into firm capacity. | [0..1] |

4.3.2.7 Upgrade_Account

The account or accounts used in a transaction.

--- In the case where internal accounts are used to identify an interruptible account the following may be provided.

4.3.2.7.1 Attributes

| Attribute | Description | Multiplicity |
|---|--|--------------|
| identification | The identification of an account. | |
| upgrade_Quantity.amount | The amount of a quantity. --- This information defines the total quantity of interruptible capacity that is requested by the Capacity Responsible Party to be upgraded into firm capacity. | |
| upgrade_Quantity.bundled_Indication.indicatorCode | A boolean indicator of the type "yes" or "no". (Refer to the Edig@s IndicatorCodeTypeCodeList for the list of valid codes). --- This information defines the total quantity of interruptible capacity that is requested by the Capacity Responsible Party to be upgraded into firm capacity. | [0..1] |

4.3.2.8 So_MarketParticipant

There may be a single "To" So_MarketParticipant and/or a single "From" So_MarketParticipant class. The class exists for a System Operator who has entry or exit capacity, and both are mandatory in the case of a bundled capacity auction.

4.3.2.8.1 Attributes

| Attribute | Description | Multiplicity |
|-------------------------------|---|--------------|
| identification | The identification of the party participating in the market. --- Identification of the System Operator that is participating in the auction. | |
| availability.availabilityCode | A code identifying the nature of the availability of a product (interruptible, firm, etc). (Refer to the Edig@s AvailabilityCodeTypeCodeList for the list of valid codes). | |

| Attribute | Description | Multiplicity |
|-------------------------------------|--|--------------|
| price_MeasureUnit.unitOfMeasureCode | The coded representation of a unit of measure using the UN/CEFACT Recommendation 20 common codes. (Refer to the Edig@s UnitOfMeasureCodeTypeCodeList for the list of valid codes). --- The unit of measure which is related to the prices for the System Operator. | |
| currency.currencyCode | The identification of the formal code for a currency (ISO 4217). (Refer to the Edig@s CurrencyCodeTypeCodeList for the list of valid codes). --- This information defines the currency of a price in relation to a System Operator. | |
| currency.exchangeRate | The rate of exchange to convert the amount in a currency to Euro. --- This information defines the currency of a price in relation to a System Operator. | [0..1] |
| premium_Price.amount | The monetary amount of a price. --- The premium price established by the capacity platform following an auction by identifying the highest bid price in the auction. | [0..1] |
| reserve_Price.amount | The monetary amount of a price. --- The price that is the minimum eligible floor price for the System Operator, being equal to its regulated tariff. | [0..1] |

4.3.2.9 Cost_Price

The price of an object.

--- This defines an additional amount that has to be added to the total price of a bid

4.3.2.9.1 Attributes

| Attribute | Description | Multiplicity |
|-----------|---|--------------|
| priceCode | The coded type of a price. (Refer to the Edig@s PriceCodeTypeCodeList for the list of valid codes). Identification of the type of a specific cost amount. | |
| amount | The monetary amount of a price. --- This defines an additional amount that has to be added to the total price of a bid | |

5 Document Change Log

5.1 Version

5.1.1 Attributes

| Attribute | Description | Multiplicity |
|----------------------|---|--------------|
| Version 1 2020-06-29 | Initial release | |
| Version 2 2021-05-04 | Release 6.1 Contract reference in AUCBID updated to be a mandatory attribute, and nominationAccount attribute has been updated to "to_Account" and "from_Account". | |