

Notice Report Business Interoperability Specification

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1 Introduction

This document contains provisions on how registered advertisement databases must structure and encode the notice information, that is to be sent to the National Agency for Public Procurement, in a technical file format. It also contains instructions on where each business term listed in annex A to the National Agency for Public Procurement's regulation (UFS 2020:1) on the collection of data for statistical purposes is located.

The prescribed technical format is based on the international Extensible Markup Language ("XML") standard OASIS Universal Business Language ("UBL") 2.3 Committee Specification 2 (draft). The provisions for the vast majority of the business terms are following the eForms Schemas Usage Specification. Since eForms is designed particularly for procurement notices regarding contracts above the EU procurement thresholds, some additional codes and business terms have been added by the National Agency for Public Procurement to cater for national provisions set for contracts below the EU thresholds.

2 References

Links to relevant websites	
OASIS Universal Business Language 2.3	[https://docs.oasis-open.org/ubl/csprd02-UBL-2.3/UBL-2.3.html]
Tenders Electronic Daily ("TED") XML	[https://op.europa.eu/en/web/eu-vocabularies/e-procurement/tedschemas]
Authority code lists	[https://op.europa.eu/sv/web/eu-vocabularies/authority-tables]
eForms Schema Guide by the Publications Office of the EU	[https://simap.ted.europa.eu/web/simap/eforms]
Legal references	
LOU	The Public Procurement Act (<i>sv. lag om offentlig upphandling</i>) (2016:1145)
LUF	Act on Procurement in the Water, Energy, Transport and Postal Services Sectors (<i>sv. lag om upphandling inom försörjningssektorerna</i>) (2016:1146)
Act on procurement statistics	Act on procurement statistics (SFS 2019:668)
The procurement statistics ordinance	The procurement statistics ordinance (SFS 2020:332)
The public procurement ordinance	The public procurement ordinance (SFS 2016:1162)
The statistical regulation	The National Agency for Public Procurement's regulation (UFS 2020:1) on the collection of data for statistical purposes
The procurement ID regulation	The National Agency for Public Procurement's regulation (UFS 2020:2) on procurement ID
Acronyms & abbreviations	

UHM	The National Agency for Public Procurement (sv. Upphandlingsmyndigheten)
BG	Business Group
BT	Business Term
CA	Contracting Authority
CAN	Contract Award Notice
CE	Contracting Entity
CFC	Call For Competition
CN	Contract Notice
CPB	Central Purchasing Body
DAP	Direct Award Prenotification
DPS	Dynamic Purchasing System
ePO	eProcurement Ontology
ESPD	European Single Procurement Document
FA	Framework Agreement
OP	Publications Office of the European Union
PIN	Prior Information Notice or Periodic Indicative Notice
QS	Qualification System
RTL / TL	Reduce Time Limit / Time Limit
VEAT	Voluntary Ex-Ante Transparency Notice

3 Target audience

Target audience for this specification is IT-professionals, business analysts and developers working with the implementation of the UHM statistical report procedure.

4 Parties and roles involved in the message exchange

This document describes the business terms and their locations in a structured format used when reporting notice information to UHM for statistical purposes. Each registered advertisement database must create conformant XML instances and submit to the UHM reception point in accordance with UFS 2020:1, UFS 2020:2 and the API specification.

5 The relationship between Annex A and notices below threshold

Annex A to UFS 2020:1 presents a list of business terms. Two of the columns indicates whether a business term is “relevant” for notices above and/or below threshold. When a business term is marked as “relevant” for notices below the thresholds, it is done so based the public procurement act (“LOU”), the act on public procurement in the utilities sector (“LUF”) and the public procurement ordinance.

However, an obligation to include a BT in a notice report can still be triggered even when that BT is not marked as “relevant”. This happens when a registered advertisement database voluntarily, by means of structured information, chooses to include that BT in the notice information. All published notice information that fits within the reporting format must therefore always be reported to UHM.

Information regarding a BT that is not marked as “relevant” that indirectly can be derived from other BT:s (e.g. from a free-text field) do not trigger a reporting obligation.

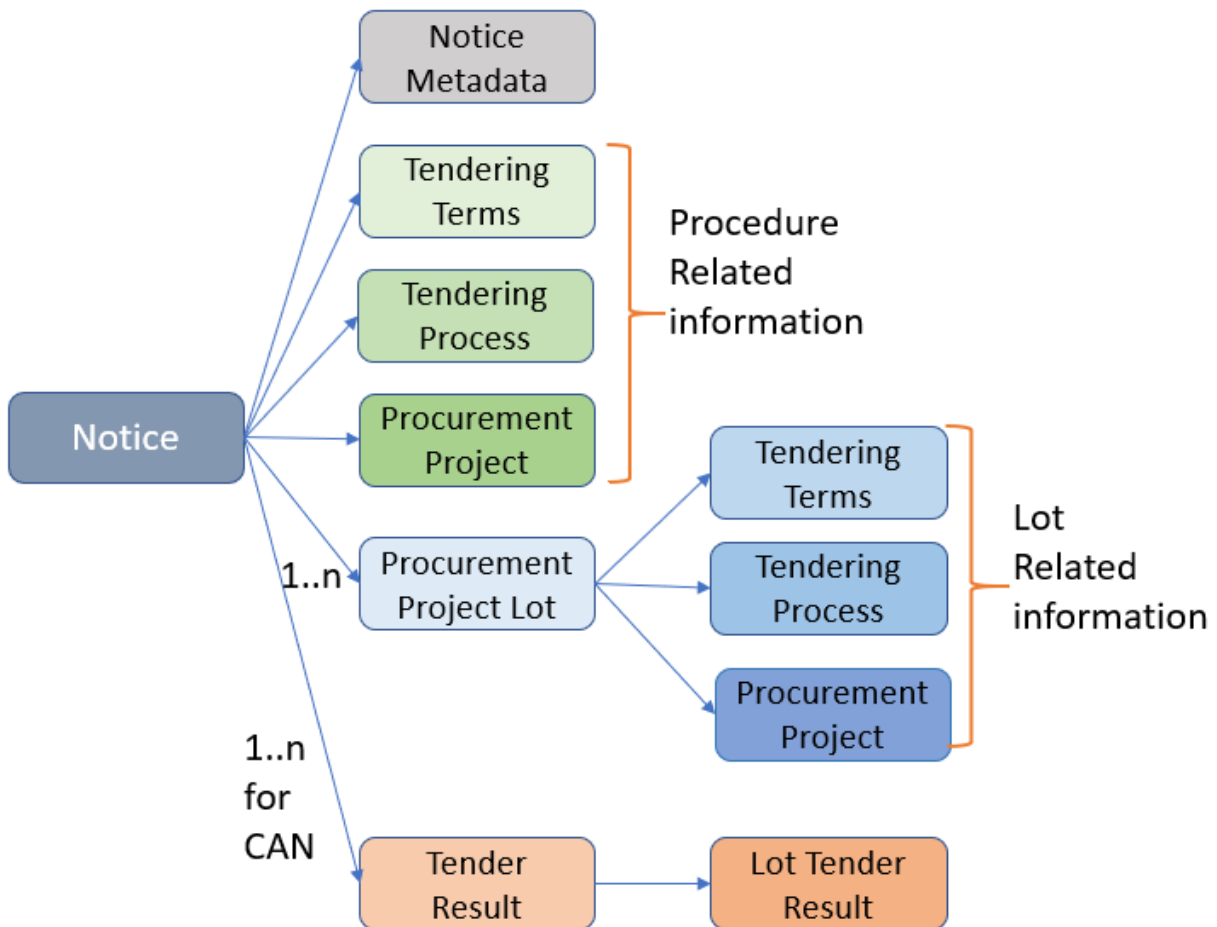
6 Semantic model of business terms and syntax representation

The semantic data model is based on a subset of the eForms model provided by the Publications Office of the European Union. In addition to the business terms taken from eForms, a few more business terms have been added. Each business term has a location in the XML structures used for submitting the information. The location and principles for their representation (use of codes, attributes and extensions) follows the XML Schema Guide published by The Publications Office of the European Union.

6.1 Notice structure

The figure below illustrates the notice structure on a high level. The structure includes all message types (Prior information notice, Contract notice and Contract award notice), all referred to as “Notice”.

Tendering Terms, Tendering Process and Procurement Project are represented as Procedure related information and also in Procurement Project Lot. The information is not overlapped, the business terms contains different information. Each notice must have at least one Procurement Project Lot. Tender Result (only relevant for the contract award notices) is repeated for each Lot Tender Result.



7 Usage of Universal Business Language

The prescribed technical file format uses the XML Schemas used in the standard OASIS UBL 2.3 Committee Specification 2 (draft). Relevant schemas are:

- **PriorInformationNotice** with namespace:
urn:oasis:names:specification:ubl:schema:xsd:PriorInformationNotice-2
- **ContractNotice** with namespace:
urn:oasis:names:specification:ubl:schema:xsd:ContractNotice-2
- **ContractAwardNotice** with namespace:
urn:oasis:names:specification:ubl:schema:xsd:ContractAwardNotice-2

Even though this version of the reporting format is using the draft version of the UBL XML Schemas, the namespaces are preserved and the final XML schemas are expected to be backward compatible.

The syntax bindings and code lists used are based on the Publication Office specification “eForms Schemas Usage – Version 1.1 May 2020”. When the National Agency for Public Procurement has found it necessary to make deviations to eForms usage, this is emphasized in the specification.

Detailed description of the syntax binding of each business term is found in Annex 1-3.

7.1 Use of Extensions

Some of the business terms in eForms do not have a clear and straight-forward mapping to a corresponding UBL 2.3 element or attribute. In these situations, the UBL Extension mechanism has been used to add elements defined by the Publication Office. Similarly, a few elements have been defined by the National Agency for Public Procurement. The namespaces that has been used for the extensions are:

Prefix	Namespace	Description
efext	http://eforms/v1.0/Extensions	Covers all eForms specific extension components
efac	http://eforms/v1.0/ExtensionAggregateComponents	Covers all eForms specific extension aggregate components
efbc	http://eforms/v1.0/ExtensionBasicComponents	Covers all eForms specific extension basic components
uhm	urn:upphandlingsmyndigheten.se:noticereport:CommonBasicComponents-1	Used for extensions for Swedish business terms with no proper location in UBL.

The individual elements are named in this document and its annexes.

8 Overview of business terms

The following section describes each group of business terms and its representation in XML. For a detailed schematic view, including cardinalities, see annexes.

The colouring of rows indicates the location in the notice structure (see the figure under section 16.1).

P I N	C N	C A N	Business Term ID	Business Term Name	Location in message
X	X	X	-	Registered database identifier	*/ext:UBLExtensions/ext:UBLExtension/ext:ExtensionContent/uhm2:RegisteredDatabaseID
X	X	X	BT-UHM-1	Swedish Procurement Identifier	*/ext:UBLExtensions/ext:UBLExtension/ext:ExtensionContent/uhm2:SwedishProcurementID
X	X	X	-	Version of UBL	*/cbc:UBLVersionID
X	X	X	-	Identifier of the UBL customization	*/cbc:CustomizationID
X	X	X	BT-701	Notice Identifier	*/cbc:ID
X	X	X	BT-04	Procedure Identifier	*/cbc:ContractFolderID
X	X	X	BT-UHM-2	Notice Publication Date	*/cbc:IssueDate
X	X	X	BT-757	Notice Version	*/cbc:VersionID
X	X	X	BT-01	Procedure Legal Basis	*/cbc:RegulatoryDomain
X	X	X	BT-02	Notice Type	*/cbc:NoticeTypeCode
X	X	X	BT-03	Form Type	*/cbc:NoticeTypeCode/@listName
X	X	X	BT-08	Organisation Role	*/cac:ContractingParty/cac:ContractingPartyType/cbc:PartyTypeCode
X	X	X	BT-11	Buyer Legal Type	*/cac:ContractingParty/cac:ContractingPartyType/cbc:PartyTypeCode
X	X	X	BT-10	Activity Authority	*/cac:ContractingParty/cac:ContractingActivity/cbc:ActivityTypeCode
X	X	X	BT-610	Activity Entity	*/cac:ContractingParty/cac:ContractingActivity/cbc:ActivityTypeCode
X	X	X	BT-10	Activity Authority	*/cac:ContractingParty/cac:ContractingActivity/cbc:ActivityType
X	X	X	BT-610	Activity Entity	*/cac:ContractingParty/cac:ContractingActivity/cbc:ActivityType
X	X	X	BT-500	Organisation Name	*/cac:ContractingParty/cac:Party/cac:PartyName/cbc:Name
X	X	X	BT-501	Organisation Identifier	*/cac:ContractingParty/cac:Party/cac:PartyLegalEntity/cbc:CompanyID
X	X	X	BT-539	Award Criterion Type	*/cac:TenderingTerms/cac:AwardingTerms/cac:AwardingCriterion/cbc:AwardingCriterionTypeCode
X	X	X	BT-105	Procedure Type	*/cac:TenderingProcess/cbc:ProcedureCode
X	X	X	BT-106	Procedure Accelerated	*/cac:TenderingProcess/cbc:UrgencyCode
X	X	X	BT-21	Title	*/cac:ProcurementProject/cbc:Name
X	X	X	BT-24	Description	*/cac:ProcurementProject/cbc:Description
X	X	X	BT-23	Main Nature	*/cac:ProcurementProject/cbc:ProcurementTypeCode
X	X	X	BT-27	Estimated Value	*/cac:ProcurementProject/cac:RequestedTenderTotal/cbc:EstimatedOverallContractAmount
X	X	X	BT-118	Notice Framework Value	*/cac:ProcurementProject/cac:RequestedTenderTotal/cbc:EstimatedOverallFrameworkContractsAmount
X	X	X	BT-161	Notice Value	*/cac:ProcurementProject/cac:RequestedTenderTotal/cbc:TotalAmount
X	X	X	BT-262	Main Classification Code	*/cac:ProcurementProject/cac:MainCommodityClassification/cbc:ItemClassificationCode
X	X	X	BT-26	Classification Type	*/cac:ProcurementProject/cac:MainCommodityClassification/cbc:ItemClassificationCode/@listName
X	X	X	BT-263	Additional Classification Codes	*/cac:ProcurementProject/cac:AdditionalCommodityClassification/cbc:ItemClassificationCode
X	X	X	BT-26	Classification Type	*/cac:ProcurementProject/cac:AdditionalCommodityClassification/cbc:ItemClassificationCode/@listName
X	X	X	BT-137	Purpose Lot Identifier	*/cac:ProcurementProjectLot/cbc:ID

X	X		BT-15	Documents URL	*/cac:ProcurementProjectLot/cac:TenderingTerms/cac:CallForTendersDocumentReference/cac:Attachment/cac:ExternalReference/cbc:URI
X	X		BT-71	Reserved Participation	*/cac:ProcurementProjectLot/cac:TenderingTerms/cac:TendererQualificationRequest/cac:SpecificTendererRequirement/cbc:TendererRequirementTypeCode
X	X		BT-736	Reserved Execution	*/cac:ProcurementProjectLot/cac:TenderingTerms/cac:ContractExecutionRequirement/cbc:ExecutionRequirementCode
X	X		BT-539	Award Criterion Type	*/cac:ProcurementProjectLot/cac:TenderingTerms/cac:AwardingTerms/cac:AwardingCriterion/cbc:AwardingCriterionTypeCode
X	X		BT-98	Tender Validity Deadline	*/cac:ProcurementProjectLot/cac:TenderingTerms/cac:TenderValidityPeriod/cbc:EndDate
X	X		BT-98	Tender Validity Deadline	*/cac:ProcurementProjectLot/cac:TenderingTerms/cac:TenderValidityPeriod/cbc:DurationMeasure
X	X		BT-630	Deadline Receipt Expressions	*/cac:ProcurementProjectLot/cac:TenderingProcess/ext:UBLExtensions/ext:UBLExtension/ext:ExtensionContent/efext:EformsExtension/efac:InterestExpressionReceptionPeriod/cbc:EndDate
X	X		BT-630	Deadline Receipt Expressions (Time)	*/cac:ProcurementProjectLot/cac:TenderingProcess/ext:UBLExtensions/ext:UBLExtension/ext:ExtensionContent/efext:EformsExtension/efac:InterestExpressionReceptionPeriod/cbc:EndTime
X	X		BT-17	Submission Electronic	*/cac:ProcurementProjectLot/cac:TenderingProcess/cbc:SubmissionMethodCode
X	X		BT-131	Deadline Receipt Tenders	*/cac:ProcurementProjectLot/cac:TenderingProcess/cac:TenderSubmissionDeadlinePeriod/cbc:EndDate
X	X		BT-131	Deadline Receipt Tenders (Time)	*/cac:ProcurementProjectLot/cac:TenderingProcess/cac:TenderSubmissionDeadlinePeriod/cbc:EndTime
X	X		BT-1311	Deadline Receipt Requests	*/cac:ProcurementProjectLot/cac:TenderingProcess/cac:ParticipationRequestReceptionPeriod/cbc:EndDate
X	X		BT-1311	Deadline Receipt Requests (Time)	*/cac:ProcurementProjectLot/cac:TenderingProcess/cac:ParticipationRequestReceptionPeriod/cbc:EndTime
X	X	X	BT-125	Previous Planning Identifier	*/cac:ProcurementProjectLot/cac:TenderingProcess/cac:NoticeDocumentReference/cbc:ID
X	X	X	BT-767	Electronic Auction	*/cac:ProcurementProjectLot/cac:TenderingProcess/cac:AuctionTerms/cbc:AuctionConstraintIndicator
X	X	X	BT-766	Dynamic Purchasing System	*/cac:ProcurementProjectLot/cac:TenderingProcess/cac:ContractingSystem/cbc:ContractingSystemTypeCode
X	X	X	BT-765	Framework Agreement	*/cac:ProcurementProjectLot/cac:TenderingProcess/cac:ContractingSystem/cbc:ContractingSystemTypeCode
X	X	X	BT-21	Title	*/cac:ProcurementProjectLot/cac:ProcurementProject/cbc:Name
X	X	X	BT-24	Description	*/cac:ProcurementProjectLot/cac:ProcurementProject/cbc:Description
X	X	X	BT-23	Main Nature	*/cac:ProcurementProjectLot/cac:ProcurementProject/cbc:ProcurementTypeCode
X	X	X	BT-774	Green Procurement	*/cac:ProcurementProjectLot/cac:ProcurementProject/cac:ProcurementAdditionalType/cbc:ProcurementTypeCode
X	X	X	BT-775	Social Procurement	*/cac:ProcurementProjectLot/cac:ProcurementProject/cac:ProcurementAdditionalType/cbc:ProcurementTypeCode
X	X	X	BT-776	Innovative Procurement	*/cac:ProcurementProjectLot/cac:ProcurementProject/cac:ProcurementAdditionalType/cbc:ProcurementTypeCode
X	X	X	BT-06	Strategic Procurement	*/cac:ProcurementProjectLot/cac:ProcurementProject/cac:ProcurementAdditionalType/cbc:ProcurementTypeCode/@listName
X	X	X	BT-777	Strategic Procurement Description	*/cac:ProcurementProjectLot/cac:ProcurementProject/cac:ProcurementAdditionalType/cbc:ProcurementType
X	X	X	BT-27	Estimated Value	*/cac:ProcurementProjectLot/cac:ProcurementProject/cac:RequestedTenderTotal/cbc:EstimatedOverallContractAmount
X	X	X	BT-262	Main Classification Code	*/cac:ProcurementProjectLot/cac:ProcurementProject/cac:MainCommodityClassification/cbc:ItemClassificationCode

X	X	X	BT-26	Classification Type	*/cac:ProcurementProjectLot/cac:ProcurementProject/cac:MainCommodityClassification/cbc:ItemClassificationCode/@listName
X	X	X	BT-263	Additional Classification Codes	*/cac:ProcurementProjectLot/cac:ProcurementProject/cac:AdditionalCommodityClassification/cbc:ItemClassificationCode
X	X	X	BT-26	Classification Type	*/cac:ProcurementProjectLot/cac:ProcurementProject/cac:AdditionalCommodityClassification/cbc:ItemClassificationCode/@listName
X	X	X	BT-5071	Place Performance Country Subdivision	*/cac:ProcurementProjectLot/cac:ProcurementProject/cac:RealizedLocation/cac:Address/cbc:CountrySubentityCode
X	X	X	BT-5141	Place Performance Country Code	*/cac:ProcurementProjectLot/cac:ProcurementProject/cac:RealizedLocation/cac:Address/cac:Country/cbc:IdentificationCode
X	X	X	BT-536	Duration Start Date	*/cac:ProcurementProjectLot/cac:ProcurementProject/cac:PlannedPeriod/cbc:StartDate
X	X	X	BT-537	Duration End Date	*/cac:ProcurementProjectLot/cac:ProcurementProject/cac:PlannedPeriod/cbc:EndDate
X	X	X	BT-36	Duration Period	*/cac:ProcurementProjectLot/cac:ProcurementProject/cac:PlannedPeriod/cbc:DurationMeasure
X	X	X	BT-54	Description of options	*/cac:ProcurementProjectLot/cac:ProcurementProject/cac:ContractExtension/cbc:OptionsDescription
X	X	X	BT-53	Options	*/cac:ProcurementProjectLot/cac:ProcurementProject/cac:ContractExtension/cbc:OptionsDescription
		X	BT-710	Tender Value Lowest	*/cac:TenderResult/ext:UBLExtensions/ext:UBLExtension/ext:ExtensionContent/cbc:LowerTenderAmount
		X	BT-711	Tender Value Highest	*/cac:TenderResult/ext:UBLExtensions/ext:UBLExtension/ext:ExtensionContent/cbc:HigherTenderAmount
		X	BT-760	Received Submissions Type	*/cac:TenderResult/ext:UBLExtensions/ext:UBLExtension/ext:ExtensionContent/efext:EformsExtension/efac:Statistics/efbc:StatisticsCode
		X	BT-759	Received Submissions Count	*/cac:TenderResult/ext:UBLExtensions/ext:UBLExtension/ext:ExtensionContent/efext:EformsExtension/efac:Statistics/efbc:StatisticalNumeric
		X	BT-142	Winner Chosen	*/cac:TenderResult/cbc:TenderResultCode
		X	BT-144	Not Awarded Reason	*/cac:TenderResult/cbc:TenderResultCode
		X	BT-1451	Winner Decision Date	*/cac:TenderResult/cbc:AwardDate
		X	BT-145	Contract Conclusion Date	*/cac:TenderResult/cac:Contract/cbc:IssueDate
		X	BT-13714	Tender Lot Identifier	*/cac:TenderResult/cac:AwardedTenderedProject/cac:ProcurementProjectLot/cbc:ID
		X	BT-119	Dynamic Purchasing System Termination	*/cac:TenderResult/cac:AwardedTenderedProject/cac:ProcurementProjectLot/cac:TenderingProcess/cbc:TerminatedIndicator
		X	BT-136	Direct Award Justification Code	*/cac:TenderResult/cac:AwardedTenderedProject/cac:ProcurementProjectLot/cac:TenderingProcess/cac:ProcessJustification/cbc:ProcessReasonCode
		X	BT-135	Direct Award Justification Text	*/cac:TenderResult/cac:AwardedTenderedProject/cac:ProcurementProjectLot/cac:TenderingProcess/cac:ProcessJustification/cbc:ProcessReason
		X	BT-720	Tender Value	*/cac:TenderResult/cac:AwardedTenderedProject/cac:LegalMonetaryTotal/cbc:PayableAmount
		X	BT-773	Subcontracting	*/cac:TenderResult/cac:SubcontractTerms/cbc:SubcontractingConditionsCode
		X	BT-171	Tender Rank	*/cac:TenderResult/cac:WinningParty/cbc:Rank
		X	BT-500	Organisation Name	*/cac:TenderResult/cac:WinningParty/cac:Party/cac:PartyName/cbc:Name
		X	BT-501	Organisation Identifier	*/cac:TenderResult/cac:WinningParty/cac:Party/cac:PartyLegalEntity/cbc:CompanyID

9 Description of selected parts of the messages

9.1 Notice meta data

Notice meta data group contains this information:

- Registered database identifier
- Swedish procurement identifier
- Notice identifier
- Procedure identifier
- Notice publication date
- Notice version
- Procedure legal basis
- Notice type
- Form type
- Buyer information (Contracting party)

9.1.1 Registered database

An identification of the registered database which has published the notice. The identification is chosen by the registered database after it becomes a registered database. Before the identification is taken into use it must be verified as unique by the National Agency for Public Procurement.

Example:

```
<ext:UBLExtensions>
  <ext:UBLExtension>
    <ext:ExtensionContent>
      <uhm:RegisteredDatabaseID>AX</uhm:RegisteredDatabaseID>
      <!-- Identification of the registered database -->
    </ext:ExtensionContent>
  </ext:UBLExtension>
</ext:UBLExtensions>
```

9.1.2 Swedish Procurement Identifier (BT-UHM-01)

The Swedish Procurement Identifier, is issued by the registered database. The Swedish Procurement Identifier has two parts, the first part is the identification of the registered database (see section 19.1.1), the second part is a serial number generated by the registered database.

Use `uhm:SwedishProcurementID` for the identifier.

Example:

```
<ext:UBLExtensions>
  <ext:UBLExtension>
    <ext:ExtensionContent>
      <uhm:SwedishProcurementID>AX36583</uhm:SwedishProcurementID>
      <!-- BT-UHM-01 -->
    </ext:ExtensionContent>
  </ext:UBLExtension>
</ext:UBLExtensions>
```

```

</ext:ExtensionContent>
</ext:UBLExtension>
</ext:UBLExtensions>

```

Example on 2 ext:UBLExtension within the same ext:UBLExtensions:

```

<ext:UBLExtensions>
  <ext:UBLExtension>
    <ext:ExtensionContent>
      <uhm:RegisteredDatabaseID>AX</uhm:RegisteredDatabaseID>
      <!-- Identification of the registered database -->
    </ext:ExtensionContent>
  </ext:UBLExtension>
  <ext:UBLExtension>
    <ext:ExtensionContent>
      <uhm:SwedishProcurementID>AX36583</uhm:SwedishProcurementID>
      <!-- BT-UHM-01 -->
    </ext:ExtensionContent>
  </ext:UBLExtension>
</ext:UBLExtensions>

```

9.1.3 Notice Version (BT-757)

The version identifier of a given notice must increase with any new version of that notice. New versions are on the same schema as the original notice. The version identifier must consist of consecutive numbers made of 2 digits. The version "01" shall be kept for the first version of the notice, subsequent versions must be submitted and received in increasing numbering order.

Example:

```
<cbc:VersionID>01</cbc:VersionID>
```

9.1.4 Procedure Legal Basis (BT-01)

Below threshold:

The following codes must be used:

Code	Name
LOU	Lag (2016:1145) om offentlig upphandling
LUK	Lag (2016:1147) om upphandling av koncessioner
LUF5	Lag (2011:1029) om upphandling på försvars- och säkerhetsområdet
LUF	Lag (2016:1146) om upphandling inom försörjningssektorerna

Example LOU:

```
<cbc:RegulatoryDomain>LOU</cbc:RegulatoryDomain>
```

9.1.5 Notice Type (BT-02) and Form Type (BT-03)

The information associated with these terms follows the procurement process. The codelists for formtype & notice-type specify the acceptable values for the situations described in the Table below.

Form Type	Form Type Code	Document Type	Notice Type	Notice Type Code	Description	xml-root
Planning	planning	PIN	PIN profile	pin-buyer	Notice of the publication of a prior information notice or a periodic information notice on a buyer profile	PriorInformationNotice
			PIN only	pin-only	Prior information notice or a periodic indicative notice used only for information	PriorInformationNotice
			PIN time limit	pin-rtl	Prior information notice or a periodic indicative notice used to shorten time limits for receipt of tenders	PriorInformationNotice
Competition	competition	PIN	PIN CFC general	pin-cfc-standard	Prior information notice or a periodic indicative notice used as a call for competition – standard regime	PriorInformationNotice
			PIN CFC social	pin-cfc-social	Prior information notice or a periodic indicative notice used as a call for competition – light regime	PriorInformationNotice
			QS	qu-sy	Notice on the existence of a qualification system	PriorInformationNotice
		CN	CN general	cn-standard	Contract or concession notice – standard regime	ContractNotice
			CN social	cn-social	Contract notice – light regime	ContractNotice
			CN subco	subco	Subcontracting notice	ContractNotice
			CN design	cn-desg	Design contest result notice	ContractNotice
DAP	dir-awa-pre	CAN	CAN VEAT	veat	Voluntary ex-ante transparency notice	ContractAwardNotice
Result	result		CAN general	can-standard	Contract or concession award notice – standard regime	ContractAwardNotice
			CAN social	can-social	Contract notice – light regime	ContractAwardNotice
			CAN design	n-desg	Design contest result notice	ContractAwardNotice
CM	cont-modif	Contract modificatio	can-modif	Contract modification notice	ContractAwardNotice	
Change	change	*	Change notice	corr	Change notice	PriorInformationNotice ContractNotice ContractAwardNotice

Example for “Contract or concession notice – standard regime”:

```
<cbc:NoticeTypeCode listName="competition">cn-standard</cbc:NoticeTypeCode>
```

Below threshold

The Notice Type Code to be used for below threshold procurement: be-t

Form Type	Form Type Code	Document Type	Notice Type	Notice Type Code	Description	xml-root
Planning	planning	PIN				
Competition	competition	PIN	Below threshold	be-t	Förhandsannons-LUK	PriorInformationNotice
			Below threshold	be-t	Annons	ContractNotice
		CN				
DAP	dir-awa-pre	CAN	Below threshold	be-t	Frivilling förhandsinsyn	ContractAwardNotice
Result	result		Below threshold	be-t	Efterannons	ContractAwardNotice
CM	cont-modif					
Change	change	*				

Example: A notice of “Competition” form type and “CN general” notice type shall have this information marked the following way:

```
<cbc:NoticeTypeCode listName="competition">be-t</cbc:NoticeTypeCode>
```

9.1.6 Buyer

Under Contracting Party is information for the role “Buyer”.
For joint procurement, the Contracting Party element must be repeated for each buyer.

Buyer information

The BT:s for the Buyer is:

- Organisation role (BT-08)
- Buyer Legal Type (BT-11)
- Activity Authority (BT-10)
- Activity Entity (BT-610)

- Organisation name (BT-500)
- Organisation Identifier (BT-501)

9.2 Procedure related information

9.2.1 Tendering terms

Tendering Terms group contains this information:

- Award criteria type

9.2.2 Tendering process

Tendering Process group contains this information:

- Procedure Type
For below threshold procurement, when the notice is not published in TED, the following additional codes are available in the codelist for BT-105:

Code	Name
be-t-simplified-procedure	Förenklat förfarande
be-t-selective-procedure	Urvals förfarande
be-t-direct-award	Direktupphandling

- Procedure Accelerated

9.2.3 Procurement project

Procurement project group contains this information:

- Procurement project title & description
- Main natures
- Notice aggregated values
- Main and additional classification (CPV)

9.2.3.1 Notice aggregated values

Different values can be reported:

1. The estimated value (BT-27),
2. The notice framework value (BT-118), and
3. The notice value (BT-161)

BT-27 represents the estimation at start of the procedure; BT-118 is the sum of all framework agreements amounts associated to the awarded projects within the notice; BT-161, the sum of the values of the awarded projects within the notice. Estimated refers to estimation at the time of launching the call for competition. Maximum value means a value covering all contracts to be awarded within a framework agreement or a dynamic purchasing system, over their whole duration, including options and renewals.

9.3 Procurement Project Lot

The notice information is organized so that it must have at least one lot.

9.3.1 Purpose Lot identifier (BT-137)

The identifier of a lot. In case of PINs used only for information, the identifier of a part of the notice that may later become a lot or a self-standing procedure. The information in the purpose section refers to this lot or part.

9.3.2 Lot Tendering terms

Lot Tendering Terms group contains information such as:

- URL to Tendering documents
- Reserved participation
- Reserved execution
- Award criteria
- Tender validity deadline

9.3.2.1 Documents URL (BT-15)

The internet address for accessing (the non-restricted part of) the procurement documents. For all notices except prior information notices, the address must give access that is direct (i.e. the exact webpage with the documents, not a general website).

9.3.3 Lot Tendering process

Tendering Process group contains information such as:

- Submission Electronic
- Dynamic Purchasing System Termination
- Framework agreement
- Deadline Receipt Expressions
- Deadline Receipt Tenders
- Deadline Receipt Requests
- Previous Planning Identifier

9.3.4 Lot Procurement project

Lot Procurement project group contains this information:

- Procurement project title & description
- Main natures
- Estimated value of the lot
- Main and additional classification
- Information of strategic procedures
- Place of performance
- Duration
- Options

9.3.4.1 Strategic Procurement (BT-06, BT-754, BT-755, BT-774, BT-775, BT-776, BT-777)

For a given lot, strategic projects are identified using “StrategicProcurement” as @name attribute value for the “cbc:ProcurementTypeCode” element. Use BT-777, Strategic Procurement Description, to describe the Strategic Procurement.

The value of the @listName attribute shall refer to the appropriate codelist to indicate:

- “environmental-impact” for Green Procurement BT-774,
- “social-objective” for Social Procurement BT-775,
- “innovative-acquisition” for Innovative Procurement BT-776,

Multiple Strategic Procurement (“cac:ProcurementAdditionalType”) elements may be combined (e.g. for an innovative procurement aiming at reducing environmental impacts).

Example for social procurement:

```
<cac:ProcurementAdditionalType>
  <cbc:ProcurementTypeCode listName="social-objective"
name="StrategicProcurement">opp</cbc:ProcurementTypeCode
  <!-- BT-06, BT-775 -->
  <cbc:ProcurementType>Långtidsarbetslösa ungdomar ....</cbc:ProcurementType>
  <!-- BT-777 -->
</cac:ProcurementAdditionalType>
```

9.3.4.2 Realized Location (BG-708)

Since performance may take place at multiple locations, the place of performance is repeatable. This group may contain the following information:

- Country Subdivision (BT-5071)
- Country Code (BT-5141)

Example:

```
<cac:RealizedLocation>
  <cac:Address>
    <cbc:CountrySubentityCode listName="NUTS3">SE110</cbc:CountrySubentityCode>
    <!-- BT-5071 --> </cac:Address>
  </cac:RealizedLocation>
```

9.3.4.3 Planned Period (BT-536, BT-537, BT-36)

Multiple ways exist to report the Procurement duration. Use one way only:

- Using start & end dates (BT-536, BT-537)
- Specifying the duration (BT-36)

Example: Using start & end dates

```
<cac:PlannedPeriod>
  <cbc:StartDate>2021-02-01</cbc:StartDate>
  <cbc:EndDate>2021-06-01</cbc:EndDate>
</cac:PlannedPeriod>
```

Example: For duration period 6 months.

```
<cbc:DurationMeasure unitCode="MONTH">6</cbc:DurationMeasure>
```

9.3.4.4 Contract extension (BT-53, BT-54)

Description of and validity period for contract extension.
Options exist, BT-53=true, if OptionsDescription exists.

Example:

```
<cac:ContractExtension>
  <cbc:OptionsDescription>Köparen förbehåller sig rätten
att...</cbc:OptionsDescription>
</cac:ContractExtension>
```

9.4 Tender result

Tender result group contains the following information:

- Received Submissions Count
- Received Submissions Type
- Tender Value Lowest
- Tender Value Highest
- Tender Result
- Award Date
- Contract Conclusion Date
- Awarded lot(s)
- Indication of Dynamic Purchasing System Termination
- Direct Award Justification
- Tender Value
- Subcontracting
- Information about Winning Party/Parties

9.4.1 Winner Chosen or not (BT-142, BT-144)

To indicate whether a winner was chosen or not.
One or more winners may have been selected.

If no winner was chosen, use BT-144, Not award reason, to give the background reason for non selection.

9.4.2 Awarded Tender Project (BT-13714, BT-720)

Information regarding the tender lot(s):

- Reference to the lot
- Tender value

Example:

```
<cac:AwardedTenderedProject>
  <cac:ProcurementProjectLot>
    <cbc:ID>1</cbc:ID>
  </cac:ProcurementProjectLot>
  <cac:LegalMonetaryTotal>
    <cbc:PayableAmount currencyID="SEK">2500000</cbc:PayableAmount>
  </cac:LegalMonetaryTotal>
</cac:AwardedTenderedProject>
```

9.4.2.1 Tender Lot Identifier (BT-13714)

An identifier of a lot for which the tender was submitted. The information in the tender section refers to this lot.

9.4.3 Winning Party

Information about the Winning party:

- The tender rank
- The organisation name & identifier

Example:

```
<cac:WinningParty>
  <cbc:Rank>1</cbc:Rank>
  <cac:Party>
    <cac:PartyName>
      <cbc:Name>Exempelnamn</cbc:Name>
    </cac:PartyName>
    <cac:PartyLegalEntity>
      <cbc:CompanyID>5512345678</cbc:CompanyID>
    </cac:PartyLegalEntity>
  </cac:Party>
</cac:WinningParty>
```

10 Managing changes

For notices below the thresholds, any changes in the notice information for a notice that has previously been reported must be re-submitted to the statistical database. When an updated notice report is sent, the version identifier (BT-757) of the given notice must increase.

For notices above threshold one of the following methods must be used:

- Changes in the notice information for a notice that has previously been reported can be re-submitted to the statistical database. The version identifier (BT-757) of the given notice must increase.
- It is also possible to submit changes using the TED XML F14 message. It is important to ensure that the F14 message is referring to the original notice using the same

identifier.

11 XML Validation – checking for conformance

A set of validation artefacts (XML-schema and schematron) are provided to support implementers. The artefacts can be used to validate individual XML-instance to see if they conform to this specification. Three levels of validation can be applied:

1. Well-formedness. Checks that a file is proper XML
2. XML Schema. Checks that an XML-document is in conformance with OASIS UBL 2.3 CS2 XML Schemas. The XML Schema checks that elements and attributes are provided in the correct order and that naming and datatypes are in accordance with the standard.
3. Schematron. The schematron rules are structured as follows:
 - a. One schematron file checking for conformance against business rules, code lists and verifies dependencies between elements.
 - b. Three schematron files (one for each UBL message type) warning if elements are used which are not mentioned in this specification, but still are available in the UBL-standard. These warnings should be checked to ensure that the syntax binding has been done correctly and that no data accidentally is positioned in elements which are not in use.

The validation artefacts and sample files will be continuously maintained and improved to help implementers to test for conformance. Information about the updates can be found on the UHM Github-pages.

11.1 Reduced XML Schemas for convenience

A set of reduced schemas are published together with this specification. The reduced schemas are true subsets of OASIS UBL and any instance which conforms to the reduced schema will also be conformant to the official standard XML Schemas. The reduced schemas give a better overview of which elements and attributes are used in the context of the notice reporting and can be used for code generation or in mapping tools.

However, the reduced schemas can only be applied in this context and must not be used in integration with TED or other channels where OASIS UBL is used. The reduced schemas all use a common library for complex types (such as “PartyType”). Consequently, the complex types contain the sum of elements/attributes used in PIN/CN/CAN. Use Annex 1-3 to identify exactly which elements are used in each message.

12 Annex 1 – PriorInformationNotice

13 Annex 2 – ContractNotice

14 Annex 3 – ContractAwardNotice