C:\Users\Fred\Dropbox\BII3 - Development\Pre-award\Syntax mappings\UBL\BIICoreTrdm044 Submit Tender\CWA3456 Part 204 UBL Syntax Implementation Guidelines - Trdm044 Advanced Tender.docxTC  WI :2014 (E) 56  Business Interoperability Interfaces for public procurement in Europe — UBL Syntax Implementation Guideline — Trdm044 Advanced TenderE0   00    201408 CEN 0 CWACWA TC  WI  0False  NENBusiness Interoperability Interfaces for public procurement in Europe  2Heading 2Heading 1     0 STD Version 2.5a0   1            CEN/TC

Date:  2014-08

TC  WI

CEN/TC

Secretariat:   NEN

Business Interoperability Interfaces for public procurement in Europe — UBL Syntax Implementation Guideline — Trdm044 Advanced Tender

ICS:

Descriptors:

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Foreword

CWA 3456 part 204, **UBL Syntax Implementation Guideline — Trdm044 Advanced Tender** was developed in accordance with CEN-CENELEC Guide 29 “CEN/CENELEC Workshop Agreements – The way to rapid agreement” and with the relevant provisions of CEN/CENELEC Internal Regulations - Part 2. It was agreed on 2015-12-02 in a Workshop by representatives of interested parties, approved and supported by CEN following a public call for participation made on 2013-02-20. It does not necessarily reflect the views of all stakeholders that might have an interest in its subject matter.

The final text of CWA 3456-204 was submitted to CEN for publication on 2015-12-04. It was developed and approved by:

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This CEN Workshop Agreement (CWA) has been drafted and approved by the Workshop on **Business Interoperability Interfaces for Public procurement in Europe (BII)**, phase 3 – CEN WS/BII 3.

CWA 3456 is part of a set of CWAs prepared by CEN WS/BII 3[[1]](#footnote-1):

CWA 1234:2016 Methodology and Architecture

CWA 2345:2016 Notification profiles and transactions

CWA 3456:2016 Tendering profiles and transactions

CWA 4567:2016 Catalogue profiles and transactions

CWA 5678:2016 Post-award profiles and transactions

CWA 3456 part 204 replaces the annex to CWA 16560:2013, annex D.

CWA 3456 consists of the following Parts:

*Profiles:*

CWA 3456-1 e-Tendering overview

CWA 3456-101 Profile BII11 Advanced Qualification

CWA 3456-102 Profile BII12 Advanced Tendering

CWA 3456-103 Profile BII22 Advanced Call for Tenders

CWA 3456-104 Profile BII34 Advanced Call for Tenders with Pre-award Catalogue Request

CWA 3456-105 Profile BII35 Advanced Tendering with Pre-award Catalogue

CWA 3456-106 Profile BII37 Open Procedure

CWA 3456-107 Profile BII38 Advanced Invitation to Tender

CWA 3456-108 Profile BII39 Restricted Procedure

CWA 3456-109 Profile BII40 Advanced Invitation to Tender with Pre-award Catalogue Request

CWA 3456-110 Profile BII41 European Single Procurement Document (ESPD)

CWA 3456-111 Profile BII46 Subscribe to Procedure

CWA 3456-112 Profile BII47 Call for Tenders

CWA 3456-113 Profile BII48 Call for Tenders Questions and Answers

CWA 3456-114 Profile BII49 Qualification

CWA 3456-115 Profile BII50 Tender Clarification

CWA 3456-116 Profile BII51 Qualification Rejection

CWA 3456-117 Profile BII52 Invitation to Tender

CWA 3456-118 Profile BII53 Tender Withdrawal

CWA 3456-119 Profile BII54 Tendering

CWA 3456-120 Profile BII56 Virtual Company Dossier

CWA 3456-121 Profile BII58 Notify Awarding

CWA 3456-122 Profile BII59 Contracting

CWA 3456-123 Profile BII60 Tender Status Inquiry

*Transaction syntax implementation guidelines (UBL):*

CWA 3456-201 UBL syntax implementation guideline - Trdm040 Advanced Call for Tenders

CWA 3456-203 UBL syntax implementation guideline - Trdm042 Qualification Reception Confirmation

CWA 3456-204 UBL syntax implementation guideline - Trdm044 Advanced Tender

CWA 3456-205 UBL syntax implementation guideline - Trdm045 Tender Reception Notification

CWA 3456-212 UBL syntax implementation guideline - Trdm083 Call for Tenders

CWA 3456-215 UBL syntax implementation guideline - Trdm087 Qualification Rejection

CWA 3456-216 UBL syntax implementation guideline - Trdm088 Invitation to Tender

CWA 3456-218 UBL syntax implementation guideline - Trdm090 Tender

CWA 3456-221 UBL syntax implementation guideline - Trdm094 Awarding Notification

CWA 3456-224 UBL syntax implementation guideline - Trdm105 Call for Tenders with Pre-award Catalogue Request

CWA 3456-227 UBL syntax implementation guideline - Trdm108 Advanced Invitation to Tender

CWA 3456-228 UBL syntax implementation guideline - Trdm109 Advanced Invitation to Tender with Pre-award Catalogue Request

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**Introduction**

The first CEN BII Workshop was established in May 2007 with the objective of harmonising electronic procurement in Europe. The CEN BII initiative, which now comprises a further two CEN Workshops, is a standardisation activity within CEN (European Committee for Standardisation). It provides a framework for interoperability in pan-European electronic transactions expressed as a set of technical specifications.

During the second phase of the initiative (CEN WS/BII 2) a set of technical specifications – “CEN BII Profiles” – were documented and published as five CEN Workshop Agreements (CWAs), which are currently used across Europe. The profiles are designed to facilitate effective public e-procurement based on a modular approach for implementation, with a focus on global interoperability.

The CEN BII profiles can be seen as “agreements” on message contents and business processes. The profile descriptions focus on core information elements that typically cater to the majority of user requirements applicable across Europe and lower the need for detailed bilateral agreements between the trading partners.

In its third phase (CEN WS/BII 3), which began in March 2013 with the approval of the business plan, the Workshop has focused on ensuring that all relevant aspects of e-procurement are covered, including additional business requirements coming from the new Public Procurement Directives[[2]](#footnote-2) and alignment to other standardization efforts in the area of electronic invoicing, as well as ensuring wider recognition and adoption of its deliverables.

More information about the CEN BII initiative can be found on [www.cenbii.eu](http://www.cenbii.eu).

# Scope

This guideline explains how to use the UBL syntax to support the CEN BII information transaction requirements. It provides the syntax mappings from the UBL syntax to the CEN BII information requirement model.

# Goal

The goal of this guideline is to describe the implementation of the CEN BII transaction Trdm044 AdvancedTender using the UBL 2.1 Tender document.

Chapter 3 identifies the code lists and identifiers used in the transaction.

Chapter 4 describes selected parts of the document and details how to fill them for specific use cases.

Chapter 5 contains two tables where these mappings can be found:

1. A table depicting the structure of the elements of the UBL document and their relationship with the CEN BII information requirement model.
2. A detailed table with additional information on the semantics of the BII information requirements and references to the code lists.

Chapter 6 contains a table with the mappings from BII transaction information requirements to the UBL 2.1 syntax.

Chapter 7 contains a list of Schematron files created from the transaction and business rules that can be found in http://www.cenbii.eu/trdm044/ubl/schematron/.

Chapter 8 gives an overview of 2 different use cases, with reference to the associated example files that can be found in http://www.cenbii.eu/trdm044/ubl/example/.

# Common Code Lists

## Code Lists for Common Coded Elements

Table below is used for listing the code lists used in the coded elements of this transaction. The XPath points to the actual elements constrained by the code lists identified with the listID.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Business Term** | **Source** | **Subset** | **Xpath** | **listID** |
| Country Code | ISO 3166-1 alpha2[[3]](#footnote-3) | - | cac:Country/cbc:IdentificationCode | ISO3166-1:Alpha2 |
| Currency Code | ISO 4217[[4]](#footnote-4) | - | @currencyID | ISO4217 |
| MIME Media Type Code | IANA[[5]](#footnote-5) | - | @mimeCode | - |
| Tender type code | CEN BII | - | cbc:TenderTypeCode | TENDER\_TYPE\_CODE |

## Identifier Schemes

There are no specific identifier schemes defined for this Syntax Implementation Guideline.

## Process Control

### Specification identification / CustomizationID

An identification of the specification containing the total set of rules regarding semantic content, cardinalities and business rules to which the data contained in the instance document conforms:

Value used for all profiles:

* urn:www.cenbii.eu:transaction:biitrdm044:ver3.0

### Business process type identifier / ProfileID

Identifies the business process context in which the transaction appears. The transaction is used in:

* Profile 12: urn:www.cenbii.eu:profile:bii12:ver3.0
* Profile 35: urn:www.cenbii.eu:profile:bii35:ver3.0

# Descriptions of selected parts of the document

## Parties

### Economic operator

The economic operator is the party submitting the tender, and is any natural or legal person or public entity or group of such persons and/or entities, including any temporary association of undertakings, which offers the execution of works and/or a work, the supply of products or the provision of services on the market.

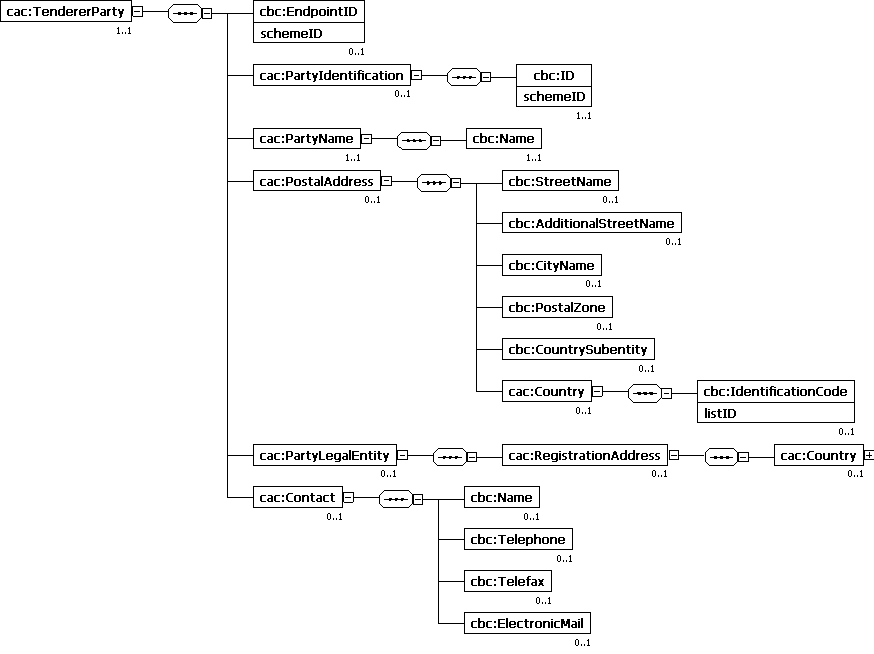


Figure Tenderer party

Economic operator is represented in UBL 2.1 using the cac:TendererParty class, as for example:

<cac:TendererParty>  
 <cbc:EndpointID schemeID="NO:ORGNR">999888777</cbc:EndpointID>  
 <cac:PartyIdentification>  
 <cbc:ID schemeID="ZZZ">T12345678</cbc:ID>  
 </cac:PartyIdentification>  
 <cac:PartyName>  
 <cbc:Name>Tender party</cbc:Name>  
 </cac:PartyName>  
 <cac:PostalAddress>  
 <cbc:StreetName>Storgata 1</cbc:StreetName>  
 <cbc:CityName>OSLO</cbc:CityName>  
 <cbc:PostalZone>0101</cbc:PostalZone>  
 <cac:Country>  
 <cbc:IdentificationCode listID="ISO3166-1:Alpha2">NO

</cbc:IdentificationCode>  
 </cac:Country>  
 </cac:PostalAddress>  
 <cac:Contact>  
 <cbc:Name>Kontaktperson</cbc:Name>  
 <cbc:ElectronicMail>kontaktperson@epost.no</cbc:ElectronicMail>  
 </cac:Contact>  
 </cac:TendererParty>

### Contracting Body

The contracting body is the contracting authority or contracting entity who is buying supplies, services or tendering works.

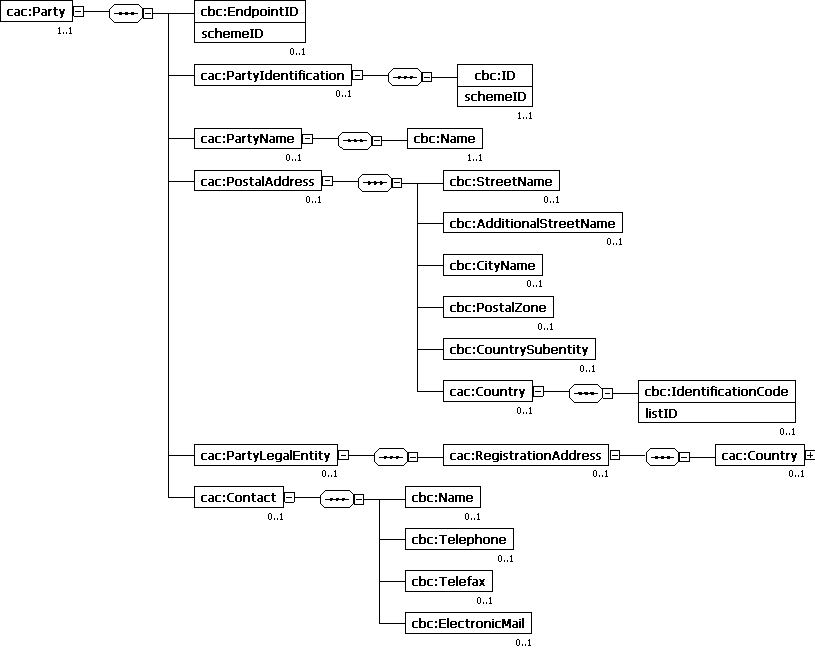


Figure Contracting party

The contracting body is represented in UBL 2.1 with the cac:ContractingParty class. It is recommended to inform the cac:PartyIdentification/cbc:ID class, the cbc:EndpointID and the cbc:Name as depicted in the example below. Use the schemeID to qualify the identifier of the contracting body and its endpoint.

<cac:ContractingParty>  
 <cac:Party>  
 <cbc:EndpointID schemeID="NO:ORGNR">111222333</cbc:EndpointID>  
 <cac:PartyIdentification>  
 <cbc:ID schemeID="ZZZ">CP98765</cbc:ID>  
 </cac:PartyIdentification>  
 <cac:PartyName>  
 <cbc:Name>Contracting body</cbc:Name>  
 </cac:PartyName>  
 </cac:Party>  
 </cac:ContractingParty>

## Document references

### Tender identifier

The identifier issued by the economic operator that is used to uniquely identify the tender document. A response to a call for tenders may consist of one or more tender documents. One can be used to specify the technical details of the offer while another instance of the document can be used to specify the economic information of the bid.

Every tender document has to be identified using the tender identifier.

<cbc:TenderID>TD-20150291</cbc:TenderID>

### Tender type code

Every tender should contain a code specifying the tender type. This code can be:

|  |  |
| --- | --- |
| TE | Technical Tender |
| FI | Economic Tender |
| TF | Technical and Economic Tender |

<cbc:TenderTypeCode listID="TENDER\_TYPE\_CODE">TF</cbc:TenderTypeCode>

### Procurement project identifier

The identifier specified by the buyer as a reference number for all documents in the procurement process. It is also known as procurement project identifier, procurement reference number or contract folder identifier. In UBL this element is mapped to the cbc:ContractFolderID class.

<cbc:ContractFolderID>REF-8374839</cbc:ContractFolderID>

### Call for tender reference

A reference to the call for tender as issued by the contracting body. Creates a link between the tender and its call for tender. In the UBL mapping this is represented using the DocumentReference class.

You can see the use of these references below:

<cac:DocumentReference>  
 <cbc:ID>CFT123</cbc:ID>  
 <cbc:DocumentTypeCode>311</cbc:DocumentTypeCode>  
 <cbc:VersionID>1</cbc:VersionID>  
 <cbc:DocumentDescription>Call for tender reference</cbc:DocumentDescription>  
 </cac:DocumentReference>

### Attached documents

Attached documents are represented using the cac:DocumentReference class in UBL. The documents can be embedded or referred from the cac:ExternalReference.

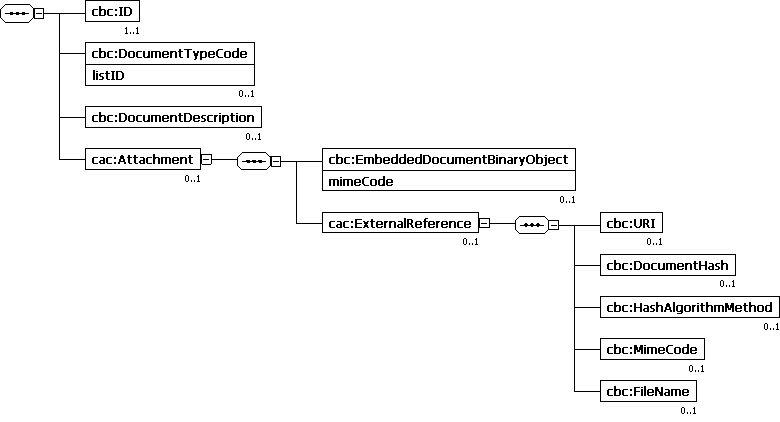


Figure Document reference

The attached tender document is in this example unstructured, but could also be a structured document (trdm044).

<cac:DocumentReference>  
 <cbc:ID>TEN345</cbc:ID>  
 <cbc:DocumentTypeCode>310</cbc:DocumentTypeCode>  
 <cbc:DocumentDescription>Provided tender document</cbc:DocumentDescription>  
 <cac:Attachment>  
 <cac:ExternalReference>  
 <cbc:DocumentHash>de9f2c7fd25e1b3afad3e85a0bd17d9b100db4b3

</cbc:DocumentHash>  
 <cbc:HashAlgorithmMethod>SHA-1</cbc:HashAlgorithmMethod>  
 <cbc:FileName>Tender.ppt</cbc:FileName>

</cac:ExternalReference>

</cac:Attachment>  
 </cac:DocumentReference>

Below there is an example of an attached specification in pdf format. Note that the MimeCode element is used to specify the type of attachment:

<cac:DocumentReference>  
 <cbc:ID>ISPEC\_1</cbc:ID>  
 <cbc:DocumentTypeCode>6</cbc:DocumentTypeCode>  
 <cbc:DocumentDescription>Detailed item spec.</cbc:DocumentDescription>  
 <cac:Attachment>  
 <cac:ExternalReference>  
 <cbc:DocumentHash>de9f2c7fd25e1b3afad3e85a0bd17d9b100db4b3

</cbc:DocumentHash>  
 <cbc:HashAlgorithmMethod>SHA-1</cbc:HashAlgorithmMethod>  
 <cbc:MimeCode>application/pdf</cbc:MimeCode> <cbc:FileName>Spec.pdf</cbc:FileName>  
 </cac:ExternalReference>  
 </cac:Attachment>  
 </cac:DocumentReference>

## Date and time

In the tender both the issue date and time must be sent. The issue date and time is indicative. The contracting authority shall reply to the tender document with a tender receipt notification where the actual registration date and time for the tender will be indicated.

Issue date is xs:date data type, and the date is specified as "YYYY-MM-DD" where:

* YYYY indicates the year
* MM indicates the month
* DD indicates the day

Issue time is xs:time data type, and the time is specified as "hh:mm:ss" where:

* hh indicates the hour
* mm indicates the minute

ss indicates the second

<cbc:IssueDate>2015-10-01</cbc:IssueDate>  
<cbc:IssueTime>06:20:21+1:00</cbc:IssueTime>

# Document structure and information content

## Document structure

The table below describes the mapping from the UBL Tender document to the BII Trdm044 AdvancedTender requirements.

|  | | **Occurrence** | | **Element/Attribute** **BII Business Term** **Business req.**  **Path** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
|  |  | | **Tender** | | | | | | | |
|  | 0 **..** 1 | |  | | **cbc:UBLVersionID** | | | | | |
|  | 1 **..** 1 | |  | | **cbc:CustomizationID** **Specification identification** **tir44-013** | | | | | |
|  | 1 **..** 1 | |  | | **cbc:ProfileID** **Business process type identifier** **tir44-012** | | | | | |
|  | 1 **..** 1 | |  | | **cbc:ID** **Tender identifier** **tir44-001** | | | | | |
|  | 0 **..** 1 | |  | | **cbc:TenderTypeCode** **Tender type code** **tir44-007** | | | | | |
|  | 1 **..** 1 | |  | | **cbc:ContractFolderID** **Reference number** **tir44-002** | | | | | |
|  | 1 **..** 1 | |  | | **cbc:IssueDate** **Tender issue date** **tir44-004** | | | | | |
|  | 0 **..** 1 | |  | | **cbc:IssueTime** **Tender issue time** **tir44-005** | | | | | |
|  | 0 **..** 1 | |  | | **cbc:Note** **Tender description** **tir44-006** | | | | | |
|  | **0** **..** **1** | |  | | **cac:ValidityPeriod** | | | | | |
|  | 0 **..** 1 | |  | | | **cbc:StartDate** **Tender validity start date** **tir44-010** | | | | |
|  | 0 **..** 1 | |  | | | **cbc:EndDate** **Tender validity end date** **tir44-011** | | | | |
|  | **1** **..** **unbounded** | |  | | **cac:DocumentReference** | | | | | |
|  | 1 **..** 1 | |  | | | **cbc:ID** **Call for tender reference** **tir44-003**  **Attachment identifier** **tir44-073**  **Attached document** **tir44-073**  **Attachment identifier** **tir44-080** | | | | |
|  | 0 **..** 1 | |  | | | **cbc:DocumentTypeCode** **Document type code** **tir44-077**  **Document type code** **tir44-082** | | | | |
|  | 0 **..** 1 | |  | | | **cbc:DocumentDescription** **Attachment description** **tir44-074**  **Attachment description** **tir44-081** | | | | |
|  | **0** **..** **1** | |  | | | **cac:Attachment** | | | | |
|  | 0 **..** 1 | |  | | | | **cbc:EmbeddedDocumentBinaryObject** **Attached document** **tir44-083** | | | |
|  | **0** **..** **1** | |  | | | | **cac:ExternalReference** | | | |
|  | 0 **..** 1 | |  | | | | | **cbc:URI** | | |
|  | 0 **..** 1 | |  | | | | | **cbc:DocumentHash** **Document digest** **tir44-084**  **Document digest** **tir44-087** | | |
|  | 0 **..** 1 | |  | | | | | **cbc:HashAlgorithmMethod** **Document digest method code** **tir44-085**  **Document digest method code** **tir44-088** | | |
|  | 0 **..** 1 | |  | | | | | **cbc:MimeCode** **Document mime type code** **tir44-075**  **Document mime type code** **tir44-086** | | |
|  | **1** **..** **1** | |  | | **cac:TendererParty** **Economic operator** **2** | | | | | |
|  | 0 **..** 1 | |  | | | **cbc:EndpointID** | | | | |
|  | **0** **..** **1** | |  | | | **cac:PartyIdentification** | | | | |
|  | 1 **..** 1 | |  | | | | **cbc:ID** **Economic operator identifier** **tir44-040** | | | |
|  | **1** **..** **1** | |  | | | **cac:PartyName** | | | | |
|  | 1 **..** 1 | |  | | | | **cbc:Name** **Economic operator name** **tir44-042** | | | |
|  | **0** **..** **1** | |  | | | **cac:PostalAddress** | | | | |
|  | 0 **..** 1 | |  | | | | **cbc:StreetName** **Address line 1** **tir44-045** | | | |
|  | 0 **..** 1 | |  | | | | **cbc:AdditionalStreetName** **Address line 2** **tir44-046** | | | |
|  | 0 **..** 1 | |  | | | | **cbc:CityName** **City** **tir44-047** | | | |
|  | 0 **..** 1 | |  | | | | **cbc:PostalZone** **Post code** **tir44-048** | | | |
|  | 0 **..** 1 | |  | | | | **cbc:CountrySubentity** **Country subdivision** **tir44-049** | | | |
|  | **0** **..** **1** | |  | | | | **cac:Country** | | | |
|  | 0 **..** 1 | |  | | | | | **cbc:IdentificationCode** **Country code** **tir44-050** | | |
|  | **0** **..** **1** | |  | | | **cac:PartyLegalEntity** | | | | |
|  | **0** **..** **1** | |  | | | | **cac:RegistrationAddress** | | | |
|  | **0** **..** **1** | |  | | | | | **cac:Country** | | |
|  | 0 **..** 1 | |  | | | | | | **cbc:IdentificationCode** **Economic operator registration** **tir44-041**  **country code** | |
|  | **0** **..** **1** | |  | | | **cac:Contact** | | | | |
|  | 0 **..** 1 | |  | | | | **cbc:Name** **Contact point** **tir44-051** | | | |
|  | 0 **..** 1 | |  | | | | **cbc:Telephone** **Contact telephone number** **tir44-053** | | | |
|  | 0 **..** 1 | |  | | | | **cbc:Telefax** **Contact fax number** **tir44-052** | | | |
|  | 0 **..** 1 | |  | | | | **cbc:ElectronicMail** **Contact email address** **tir44-054** | | | |
|  | **0** **..** **1** | |  | | **cac:ContractingParty** | | | | | |
|  | **1** **..** **1** | |  | | | **cac:Party** | | | | |
|  | 0 **..** 1 | |  | | | | **cbc:EndpointID** **Contracting body electronic address** **tir44-200**  **identifier** | | | |
|  | **0** **..** **1** | |  | | | | **cac:PartyIdentification** | | | |
|  | 1 **..** 1 | |  | | | | | **cbc:ID** **Contracting body identifier** **tir44-014** | | |
|  | **0** **..** **1** | |  | | | | **cac:PartyName** | | | |
|  | 1 **..** 1 | |  | | | | | **cbc:Name** **Contracting body name** **tir44-016** | | |
|  | **0** **..** **1** | |  | | | | **cac:PostalAddress** | | | |
|  | 0 **..** 1 | |  | | | | | **cbc:StreetName** **Address line 1** **tir44-017** | | |
|  | 0 **..** 1 | |  | | | | | **cbc:AdditionalStreetName** **Address line 2** **tir44-018** | | |
|  | 0 **..** 1 | |  | | | | | **cbc:CityName** **City** **tir44-019** | | |
|  | 0 **..** 1 | |  | | | | | **cbc:PostalZone** **Post code** **tir44-020** | | |
|  | 0 **..** 1 | |  | | | | | **cbc:CountrySubentity** **Country subdivision** **tir44-021** | | |
|  | **0** **..** **1** | |  | | | | | **cac:Country** | | |
|  | 0 **..** 1 | |  | | | | | | **cbc:IdentificationCode** **Country code** **tir44-022** | |
|  | **0** **..** **1** | |  | | | | **cac:PartyLegalEntity** | | | |
|  | **0** **..** **1** | |  | | | | | **cac:RegistrationAddress** | | |
|  | **0** **..** **1** | |  | | | | | | **cac:Country** | |
|  | 0 **..** 1 | |  | | | | | | | **cbc:IdentificationCode** **Country of registration** **tir44-015** |
|  | **0** **..** **1** | |  | | | | **cac:Contact** | | | |
|  | 0 **..** 1 | |  | | | | | **cbc:Name** **Contact point** **tir44-023** | | |
|  | 0 **..** 1 | |  | | | | | **cbc:Telephone** **Contact telephone number** **tir44-025** | | |
|  | 0 **..** 1 | |  | | | | | **cbc:Telefax** **Contact fax number** **tir44-024** | | |
|  | 0 **..** 1 | |  | | | | | **cbc:ElectronicMail** **Contact email address** **tir44-026** | | |
|  | **0** **..** **1** | |  | | **cac:OriginatorCustomerParty** | | | | | |
|  | **0** **..** **1** | |  | | | **cac:Party** | | | | |
|  | **0** **..** **1** | |  | | | | **cac:PartyIdentification** | | | |
|  | 1 **..** 1 | |  | | | | | **cbc:ID** **Beneficiary identifier** **tir44-027** | | |
|  | **0** **..** **1** | |  | | | | **cac:PartyName** | | | |
|  | 1 **..** 1 | |  | | | | | **cbc:Name** **Beneficiary name** **tir44-029** | | |
|  | **0** **..** **1** | |  | | | | **cac:PostalAddress** | | | |
|  | 0 **..** 1 | |  | | | | | **cbc:StreetName** **Address line 1** **tir44-030** | | |
|  | 0 **..** 1 | |  | | | | | **cbc:AdditionalStreetName** **Address line 2** **tir44-031** | | |
|  | 0 **..** 1 | |  | | | | | **cbc:CityName** **City** **tir44-078** | | |
|  | 0 **..** 1 | |  | | | | | **cbc:PostalZone** **Post code** **tir44-033** | | |
|  | 0 **..** 1 | |  | | | | | **cbc:CountrySubentity** **Country subdivision** **tir44-034** | | |
|  | **0** **..** **1** | |  | | | | | **cac:Country** | | |
|  | 0 **..** 1 | |  | | | | | | **cbc:IdentificationCode** **Country code** **tir44-035** | |
|  | **0** **..** **1** | |  | | | | **cac:PartyLegalEntity** | | | |
|  | **0** **..** **1** | |  | | | | | **cac:RegistrationAddress** | | |
|  | **0** **..** **1** | |  | | | | | | **cac:Country** | |
|  | 0 **..** 1 | |  | | | | | | | **cbc:IdentificationCode** **Country of registration** **tir44-028** |
|  | **0** **..** **1** | |  | | | | **cac:Contact** | | | |
|  | 0 **..** 1 | |  | | | | | **cbc:Name** **Contact point** **tir44-036** | | |
|  | 0 **..** 1 | |  | | | | | **cbc:Telephone** **Contact telephone number** **tir44-038** | | |
|  | 0 **..** 1 | |  | | | | | **cbc:Telefax** **Contact fax number** **tir44-037** | | |
|  | 0 **..** 1 | |  | | | | | **cbc:ElectronicMail** **Contact email address** **tir44-039** | | |
|  | **1** **..** **unbounded** | |  | | **cac:TenderedProject** | | | | | |
|  | **0** **..** **1** | |  | | | **cac:ProcurementProjectLot** | | | | |
|  | 1 **..** 1 | |  | | | | **cbc:ID** **Lot identifier** **tir44-063** | | | |
|  | **0** **..** **1** | |  | | | **cac:TaxTotal** | | | | |
|  | 1 **..** 1 | |  | | | | **cbc:TaxAmount** **Tender total taxes amount** **tir44-009**  **Lot total taxes amount** **tir44-076** | | | |
|  | **1** **..** **1** | |  | | | **cac:LegalMonetaryTotal** | | | | |
|  | 1 **..** 1 | |  | | | | **cbc:PayableAmount** **Tender total amount** **tir44-008**  **Lot total amount** **tir44-064** | | | |
|  | **0** **..** **unbounded** | |  | | | **cac:TenderLine** | | | | |
|  | 0 **..** 1 | |  | | | | **cbc:ID** **Call for tender deliverable reference** **tir44-055**  **Call for tender deliverable reference** **tir44-065** | | | |
|  | 0 **..** 1 | |  | | | | **cbc:LineExtensionAmount** **Deliverable total amount** **tir44-068**  **Deliverable total amount** **tir44-058** | | | |
|  | 0 **..** 1 | |  | | | | **cbc:TotalTaxAmount** **Deliverable taxes amount** **tir44-059**  **Deliverable taxes amount** **tir44-069** | | | |
|  | **0** **..** **1** | |  | | | | **cac:Item** | | | |
|  | 0 **..** 1 | |  | | | | | **cbc:Description** **Deliverable description** **tir44-057**  **Deliverable description** **tir44-067** | | |
|  | 0 **..** 1 | |  | | | | | **cbc:Name** **Deliverable name** **tir44-056**  **Deliverable name** **tir44-066** | | |
|  | **0** **..** **unbounded** | |  | | | **cac:AwardingCriterionResponse** | | | | |
|  | 0 **..** 1 | |  | | | | **cbc:AwardingCriterionID** **Call for tender award criterion** **tir44-060**  **reference** **tir44-070**  **Call for tender award criterion**  **reference** | | | |
|  | 0 **..** 1 | |  | | | | **cbc:AwardingCriterionDescription** **Awarding criterion response** **tir44-061**  **description** **tir44-071**  **Awarding criterion response**  **description** | | | |
|  | 0 **..** 1 | |  | | | | **cbc:Amount** **Awarding criterion response amount** **tir44-062**  **Awarding criterion response amount** **tir44-072** | | | |

## Document guideline

Detailed description of the mapping between the UBL Tender and the BII Trdm044 AdvancedTender requirement model.

| **Element/Attribute** | | | | | | | | **Description** | **Usage/Rules/Code lists** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | |  |  |
| **Tender** | | | | | | | | **Type** TenderType |  |
|  | **cbc:UBLVersionID** | | | | | | | **Occurrence** 0 **..** 1  **Type** cbc:UBLVersionIDType |  |
|  | **cbc:CustomizationID** | | | | | | | **Occurrence** 1 **..** 1  **Type** cbc:CustomizationIDType  **Info req.ID** tir44-013 | **BII Mapping** **SubmitTender/Process control/Specification**  **identification**  **BII Usage** *An identification of the specification containing the total*  *set of rules regarding semantic content, cardinalities and*  *business rules to which the data contained in the*  *instance document conforms.*  *The identification may include the version of the*  *specification as well as any customizations applied.*    **Rules** BII3-T44-R001 |
|  | **cbc:ProfileID** | | | | | | | **Occurrence** 1 **..** 1  **Type** cbc:ProfileIDType  **Info req.ID** tir44-012 | **BII Mapping** **SubmitTender/Process control/Business process**  **type identifier**  **BII Usage** *Identifies the business process context in which the*  *transaction appears. It enables the buyer to process the*  *invoice in an appropriate way.*    **Rules** BII3-T44-R002 |
|  | **cbc:ID** | | | | | | | **Occurrence** 1 **..** 1  **Type** cbc:IDType  **Info req.ID** tir44-001  **Bus req.ID** tbr44-001 | **BII Mapping** **SubmitTender/Tender identifier**  **BII Usage** *Identifier of the tender document.*    **Rules** BII3-T44-R003 |
|  | **cbc:TenderTypeCode** | | | | | | | **Occurrence** 0 **..** 1  **Type** cbc:TenderTypeCodeType  **Info req.ID** tir44-007  **Bus req.ID** tbr44-006 | **BII Mapping** **SubmitTender/Tender type code**  **BII Usage** *The type of tender: works, service or products.*  **Code List ID:** Use code list "TENDER\_TYPE\_CODE"    **Rules** CL-T44-R001 |
|  | | *listID* | | | | | | *Type* *xs:normalizedString*  *Use* *optional* | *Rules* *BII3-T44-R011* |
|  | **cbc:ContractFolderID** | | | | | | | **Occurrence** 1 **..** 1  **Type** cbc:ContractFolderIDType  **Info req.ID** tir44-002  **Bus req.ID** tbr44-001 | **BII Mapping** **SubmitTender/Reference number**  **BII Usage** *An identifier that is specified by the buyer and used as a*  *reference number for all documents in the procurement*  *process. It is also known as procurement project*  *identifier, procurement reference number or contract*  *folder identifier.*    **Rules** BII3-T44-R004 |
|  | **cbc:IssueDate** | | | | | | | **Occurrence** 1 **..** 1  **Type** cbc:IssueDateType  **Info req.ID** tir44-004  **Bus req.ID** tbr44-004 | **BII Mapping** **SubmitTender/Tender issue date**  **BII Usage** *The date when the tender is issued by the economic*  *operator.*    **Rules** BII3-T44-R005 |
|  | **cbc:IssueTime** | | | | | | | **Occurrence** 0 **..** 1  **Type** cbc:IssueTimeType  **Info req.ID** tir44-005  **Bus req.ID** tbr44-004 | **BII Mapping** **SubmitTender/Tender issue time**  **BII Usage** *The time when the tender is issued by the economic*  *operator. The time zone has to be informed  following the*  *BII Guideline on Data Formats.* |
|  | **cbc:Note** | | | | | | | **Occurrence** 0 **..** 1  **Type** cbc:NoteType  **Info req.ID** tir44-006  **Bus req.ID** tbr44-005 | **BII Mapping** **SubmitTender/Tender description**  **BII Usage** *A textual description of the tender document.* |
|  | ***cac:ValidityPeriod*** | | | | | | | **Occurrence** 0 **..** 1  **Type** cac:PeriodType |  |
|  | | **cbc:StartDate** | | | | | | **Occurrence** 0 **..** 1  **Type** cbc:StartDateType  **Info req.ID** tir44-010  **Bus req.ID** tbr44-019 | **BII Mapping** **SubmitTender/Tender validity start date**  **BII Usage** *The date on which the tender becomes valid.* |
|  | | **cbc:EndDate** | | | | | | **Occurrence** 0 **..** 1  **Type** cbc:EndDateType  **Info req.ID** tir44-011  **Bus req.ID** tbr44-019 | **BII Mapping** **SubmitTender/Tender validity end date**  **BII Usage** *The last date when the tender is valid.* |
|  | ***cac:DocumentReference*** | | | | | | | **Occurrence** 1 **..** unbounded  **Type** cac:DocumentReferenceType |  |
|  | | **cbc:ID** | | | | | | **Occurrence** 1 **..** 1  **Type** cbc:IDType  **Info req.ID** tir44-003  tir44-073  tir44-073  tir44-080  **Bus req.ID** tbr44-001  tbr44-018  tbr44-018  tbr44-018    **XML Note** Give DocumentTypeCode a value of "CFT" (call for  tender) | **BII Mapping** **SubmitTender/Call for tender reference**  **SubmitTender/Document/Attachment identifier**  **SubmitTender/Document/Attached document**  **SubmitTender/Offered lot/Document/Attachment**  **identifier**  **BII Usage** *A reference to the call for tender as issued by the*  *contracting body. Creates a link between the call for*  *tender and the tender.*  *An identifier that can be used to reference the attached*  *document, such as an unique identifier.*  *A Binary Object MIME code attribute MUST be coded*  *using MIME Code Type version 2008 code list*  *An identifier that can be used to reference the attached*  *document, such as an unique identifier.* |
|  | | **cbc:DocumentTypeCode** | | | | | | **Occurrence** 0 **..** 1  **Type** cbc:DocumentTypeCodeType  **Info req.ID** tir44-077  tir44-082  **Bus req.ID** tbr44-018  tbr44-018 | **BII Mapping** **SubmitTender/Document/Document type code**  **SubmitTender/Offered lot/Document/Document type**  **code**  **BII Usage** *A code specifying the type of the document.*  *A code specifying the type of the document.* |
|  | | | *listID* | | | | | *Type* *xs:normalizedString*  *Use* *optional* |  |
|  | | **cbc:DocumentDescription** | | | | | | **Occurrence** 0 **..** 1  **Type** cbc:DocumentDescriptionType  **Info req.ID** tir44-074  tir44-081  **Bus req.ID** tbr44-006, tbr44-018  tbr44-018 | **BII Mapping** **SubmitTender/Document/Attachment description**  **SubmitTender/Offered lot/Document/Attachment**  **description**  **BII Usage** *A short description of the attached document*  *A short description of the attached document* |
|  | | ***cac:Attachment*** | | | | | | **Occurrence** 0 **..** 1  **Type** cac:AttachmentType |  |
|  | | | **cbc:EmbeddedDocumentBinaryObject** | | | | | **Occurrence** 0 **..** 1  **Type** cbc:EmbeddedDocumentBinaryObjectType  **Info req.ID** tir44-083  **Bus req.ID** tbr44-018 | **BII Mapping** **SubmitTender/Offered lot/Document/Attached**  **document**  **BII Usage** *A Binary Object MIME code attribute MUST be coded*  *using MIME Code Type version 2008 code list* |
|  | | | | *mimeCode* | | | | *Type* *xs:normalizedString*  *Use* *required* | *Rules* *CL-T44-R002* |
|  | | | ***cac:ExternalReference*** | | | | | **Occurrence** 0 **..** 1  **Type** cac:ExternalReferenceType |  |
|  | | | | **cbc:URI** | | | | **Occurrence** 0 **..** 1  **Type** cbc:URIType |  |
|  | | | | **cbc:DocumentHash** | | | | **Occurrence** 0 **..** 1  **Type** cbc:DocumentHashType  **Info req.ID** tir44-084  tir44-087  **Bus req.ID** tbr44-018  tbr44-018 | **BII Mapping** **SubmitTender/Document/Document digest**  **SubmitTender/Offered lot/Document/Document**  **digest**  **BII Usage** *Digest of the document.*  *Digest of the document.* |
|  | | | | **cbc:HashAlgorithmMethod** | | | | **Occurrence** 0 **..** 1  **Type** cbc:HashAlgorithmMethodType  **Info req.ID** tir44-085  tir44-088  **Bus req.ID** tbr44-018  tbr44-018 | **BII Mapping** **SubmitTender/Document/Document digest method**  **code**  **SubmitTender/Offered lot/Document/Document**  **digest method code**  **BII Usage** *Code that indicates the algorithm used to calculate the*  *hash.*  *Code that indicates the algorithm used to calculate the*  *hash.* |
|  | | | | **cbc:MimeCode** | | | | **Occurrence** 0 **..** 1  **Type** cbc:MimeCodeType  **Info req.ID** tir44-075  tir44-086  **Bus req.ID** tbr44-018  tbr44-018 | **BII Mapping** **SubmitTender/Document/Document mime type code**  **SubmitTender/Offered lot/Document/Document**  **mime type code**  **BII Usage** *Stands for "Multipurpose Internet Mail Extensions". It's a*  *way of identifying files  according to their nature and*  *format.*  *Stands for "Multipurpose Internet Mail Extensions". It's a*  *way of identifying files  according to their nature and*  *format.* |
|  | ***cac:TendererParty*** | | | | | | | **Occurrence** 1 **..** 1  **Type** cac:PartyType |  |
|  | | **cbc:EndpointID** | | | | | | **Occurrence** 0 **..** 1  **Type** cbc:EndpointIDType |  |
|  | | | *schemeID* | | | | | *Type* *xs:normalizedString*  *Use* *optional* |  |
|  | | ***cac:PartyIdentification*** | | | | | | **Occurrence** 0 **..** 1  **Type** cac:PartyIdentificationType |  |
|  | | | **cbc:ID** | | | | | **Occurrence** 1 **..** 1  **Type** cbc:IDType  **Info req.ID** tir44-040  **Bus req.ID** tbr44-007 | **BII Mapping** **SubmitTender/Economic operator/Economic**  **operator identifier**  **BII Usage** *An identifier that identifies the economic operator, such*  *as a legal registration identifier.* |
|  | | | | *schemeID* | | | | *Type* *xs:normalizedString*  *Use* *optional* |  |
|  | | ***cac:PartyName*** | | | | | | **Occurrence** 1 **..** 1  **Type** cac:PartyNameType |  |
|  | | | **cbc:Name** | | | | | **Occurrence** 1 **..** 1  **Type** cbc:NameType  **Info req.ID** tir44-042  **Bus req.ID** tbr44-007 | **BII Mapping** **SubmitTender/Economic operator/Economic**  **operator name**  **BII Usage** *The name of the economic operator.* |
|  | | ***cac:PostalAddress*** | | | | | | **Occurrence** 0 **..** 1  **Type** cac:AddressType |  |
|  | | | **cbc:StreetName** | | | | | **Occurrence** 0 **..** 1  **Type** cbc:StreetNameType  **Info req.ID** tir44-045  **Bus req.ID** tbr44-007 | **BII Mapping** **SubmitTender/Economic operator/Postal address/**  **Address line 1**  **BII Usage** *The main address line in an address.*  *Usually the street name and number or post office box.* |
|  | | | **cbc:AdditionalStreetName** | | | | | **Occurrence** 0 **..** 1  **Type** cbc:AdditionalStreetNameType  **Info req.ID** tir44-046  **Bus req.ID** tbr44-007 | **BII Mapping** **SubmitTender/Economic operator/Postal address/**  **Address line 2**  **BII Usage** *An additional address line in an address that can be*  *used to give further details supplementing the main line.* |
|  | | | **cbc:CityName** | | | | | **Occurrence** 0 **..** 1  **Type** cbc:CityNameType  **Info req.ID** tir44-047  **Bus req.ID** tbr44-007 | **BII Mapping** **SubmitTender/Economic operator/Postal address/**  **City**  **BII Usage** *The common name of a city where the address is*  *located.* |
|  | | | **cbc:PostalZone** | | | | | **Occurrence** 0 **..** 1  **Type** cbc:PostalZoneType  **Info req.ID** tir44-048  **Bus req.ID** tbr44-007 | **BII Mapping** **SubmitTender/Economic operator/Postal address/**  **Post code**  **BII Usage** *The identifier for an addressable group of properties*  *according to the relevant postal service, such as a ZIP*  *code or Post Code.* |
|  | | | **cbc:CountrySubentity** | | | | | **Occurrence** 0 **..** 1  **Type** cbc:CountrySubentityType  **Info req.ID** tir44-049  **Bus req.ID** tbr44-007 | **BII Mapping** **SubmitTender/Economic operator/Postal address/**  **Country subdivision**  **BII Usage** *The subdivision of a country such as region, county,*  *state, province etc.* |
|  | | | ***cac:Country*** | | | | | **Occurrence** 0 **..** 1  **Type** cac:CountryType |  |
|  | | | | **cbc:IdentificationCode** | | | | **Occurrence** 0 **..** 1  **Type** cbc:IdentificationCodeType  **Info req.ID** tir44-050  **Bus req.ID** tbr44-007 | **BII Mapping** **SubmitTender/Economic operator/Postal address/**  **Country code**  **BII Usage** *A code that identifies the country.*  *The lists of valid countries are registered with the ISO*  *3166-1 Maintenance agency, "Codes for the*  *representation of names of countries and their*  *subdivisions". It is recommended to use the alpha-2*  *representation.*  **Code List ID:** Use code list Country Codes ISO 3166-1:Alpha2    **Rules** CL-T44-R003 |
|  | | | | | *listID* | | | *Type* *xs:normalizedString*  *Use* *optional* | *Rules* *BII3-T44-R002* |
|  | | ***cac:PartyLegalEntity*** | | | | | | **Occurrence** 0 **..** 1  **Type** cac:PartyLegalEntityType |  |
|  | | | ***cac:RegistrationAddress*** | | | | | **Occurrence** 0 **..** 1 |  |
|  | | |  | | | | | **Type** cac:AddressType |  |
|  | | | | ***cac:Country*** | | | | **Occurrence** 0 **..** 1  **Type** cac:CountryType |  |
|  | | | | | **cbc:IdentificationCode** | | | **Occurrence** 0 **..** 1  **Type** cbc:IdentificationCodeType  **Info req.ID** tir44-041  **Bus req.ID** tbr44-007 | **BII Mapping** **SubmitTender/Economic operator/Economic**  **operator registration country code**  **BII Usage** *The registration country code of the economic operator.*  **Code List ID:** Use code list Country Codes ISO 3166-1:Alpha2    **Rules** CL-T44-R003 |
|  | | | | | | *listID* | | *Type* *xs:normalizedString*  *Use* *optional* | *Rules* *BII3-T44-R002* |
|  | | ***cac:Contact*** | | | | | | **Occurrence** 0 **..** 1  **Type** cac:ContactType |  |
|  | | | **cbc:Name** | | | | | **Occurrence** 0 **..** 1  **Type** cbc:NameType  **Info req.ID** tir44-051  **Bus req.ID** tbr44-007 | **BII Mapping** **SubmitTender/Economic operator/Contacting**  **details/Contact point**  **BII Usage** *The name of the contact point.* |
|  | | | **cbc:Telephone** | | | | | **Occurrence** 0 **..** 1  **Type** cbc:TelephoneType  **Info req.ID** tir44-053  **Bus req.ID** tbr44-007 | **BII Mapping** **SubmitTender/Economic operator/Contacting**  **details/Contact telephone number**  **BII Usage** *A phone number for the contact point.* |
|  | | | **cbc:Telefax** | | | | | **Occurrence** 0 **..** 1  **Type** cbc:TelefaxType  **Info req.ID** tir44-052  **Bus req.ID** tbr44-007 | **BII Mapping** **SubmitTender/Economic operator/Contacting**  **details/Contact fax number**  **BII Usage** *A fax number for the contact point.* |
|  | | | **cbc:ElectronicMail** | | | | | **Occurrence** 0 **..** 1  **Type** cbc:ElectronicMailType  **Info req.ID** tir44-054  **Bus req.ID** tbr44-007 | **BII Mapping** **SubmitTender/Economic operator/Contacting**  **details/Contact email address**  **BII Usage** *An e-mail address for the contact point.* |
|  | ***cac:ContractingParty*** | | | | | | | **Occurrence** 0 **..** 1  **Type** cac:ContractingPartyType |  |
|  | | ***cac:Party*** | | | | | | **Occurrence** 1 **..** 1  **Type** cac:PartyType |  |
|  | | | **cbc:EndpointID** | | | | | **Occurrence** 0 **..** 1  **Type** cbc:EndpointIDType  **Info req.ID** tir44-200  **Bus req.ID** tbr44-002 | **BII Mapping** **SubmitTender/Contracting body/Contracting body**  **electronic address identifier**  **BII Usage** *Electronic address of the contracting body.* |
|  | | | | *schemeID* | | | | *Type* *xs:normalizedString*  *Use* *optional* |  |
|  | | | ***cac:PartyIdentification*** | | | | | **Occurrence** 0 **..** 1  **Type** cac:PartyIdentificationType |  |
|  | | | | **cbc:ID** | | | | **Occurrence** 1 **..** 1  **Type** cbc:IDType  **Info req.ID** tir44-014  **Bus req.ID** tbr44-002 | **BII Mapping** **SubmitTender/Contracting body/Contracting body**  **identifier**  **BII Usage** *The national identifier of a contracting body as it is*  *legally registered (e.g. VAT identification, such as KBO)* |
|  | | | | | *schemeID* | | | *Type* *xs:normalizedString*  *Use* *optional* |  |
|  | | | ***cac:PartyName*** | | | | | **Occurrence** 0 **..** 1  **Type** cac:PartyNameType |  |
|  | | | | **cbc:Name** | | | | **Occurrence** 1 **..** 1  **Type** cbc:NameType  **Info req.ID** tir44-016  **Bus req.ID** tbr44-002 | **BII Mapping** **SubmitTender/Contracting body/Contracting body**  **name**  **BII Usage** *The name of the contracting body as it is registered.* |
|  | | | ***cac:PostalAddress*** | | | | | **Occurrence** 0 **..** 1  **Type** cac:AddressType |  |
|  | | | | **cbc:StreetName** | | | | **Occurrence** 0 **..** 1  **Type** cbc:StreetNameType  **Info req.ID** tir44-017  **Bus req.ID** tbr44-002 | **BII Mapping** **SubmitTender/Contracting body/Postal Address/**  **Address line 1**  **BII Usage** *The main address line in an address.*  *Usually the street name and number or post office box.* |
|  | | | | **cbc:AdditionalStreetName** | | | | **Occurrence** 0 **..** 1  **Type** cbc:AdditionalStreetNameType  **Info req.ID** tir44-018  **Bus req.ID** tbr44-002 | **BII Mapping** **SubmitTender/Contracting body/Postal Address/**  **Address line 2**  **BII Usage** *An additional address line in an address that can be*  *used to give further details supplementing the main line.* |
|  | | | | **cbc:CityName** | | | | **Occurrence** 0 **..** 1  **Type** cbc:CityNameType  **Info req.ID** tir44-019  **Bus req.ID** tbr44-002 | **BII Mapping** **SubmitTender/Contracting body/Postal Address/City**  **BII Usage** *The common name of a city where the address is*  *located.* |
|  | | | | **cbc:PostalZone** | | | | **Occurrence** 0 **..** 1  **Type** cbc:PostalZoneType  **Info req.ID** tir44-020  **Bus req.ID** tbr44-002 | **BII Mapping** **SubmitTender/Contracting body/Postal Address/Post**  **code**  **BII Usage** *The identifier for an addressable group of properties*  *according to the relevant postal service, such as a ZIP*  *code or Post Code.* |
|  | | | | **cbc:CountrySubentity** | | | | **Occurrence** 0 **..** 1  **Type** cbc:CountrySubentityType  **Info req.ID** tir44-021  **Bus req.ID** tbr44-002 | **BII Mapping** **SubmitTender/Contracting body/Postal Address/**  **Country subdivision**  **BII Usage** *The subdivision of a country such as region, county,*  *state, province etc.* |
|  | | | | ***cac:Country*** | | | | **Occurrence** 0 **..** 1  **Type** cac:CountryType |  |
|  | | | | | **cbc:IdentificationCode** | | | **Occurrence** 0 **..** 1  **Type** cbc:IdentificationCodeType  **Info req.ID** tir44-022  **Bus req.ID** tbr44-002 | **BII Mapping** **SubmitTender/Contracting body/Postal Address/**  **Country code**  **BII Usage** *A code that identifies the country.*  *The lists of valid countries are registered with the ISO*  *3166-1 Maintenance agency, "Codes for the*  *representation of names of countries and their*  *subdivisions". It is recommended to use the alpha-2*  *representation.*  **Code List ID:** Use code list Country Codes ISO 3166-1:Alpha2    **Rules** CL-T44-R003 |
|  | | | | | | *listID* | | *Type* *xs:normalizedString*  *Use* *optional* | *Rules* *BII3-T44-R002* |
|  | | | ***cac:PartyLegalEntity*** | | | | | **Occurrence** 0 **..** 1  **Type** cac:PartyLegalEntityType |  |
|  | | | | ***cac:RegistrationAddress*** | | | | **Occurrence** 0 **..** 1  **Type** cac:AddressType |  |
|  | | | | | ***cac:Country*** | | | **Occurrence** 0 **..** 1  **Type** cac:CountryType |  |
|  | | | | | | **cbc:IdentificationCode** | | **Occurrence** 0 **..** 1  **Type** cbc:IdentificationCodeType  **Info req.ID** tir44-015  **Bus req.ID** tbr44-002 | **BII Mapping** **SubmitTender/Contracting body/Country of**  **registration**  **BII Usage** *The country where the party is registered. The country*  *should always be given by using ISO code 3166 alpha 2*  **Code List ID:** Use code list Country Codes ISO 3166-1:Alpha2    **Rules** CL-T44-R003 |
|  | | | | | | | *listID* | *Type* *xs:normalizedString*  *Use* *optional* | *Rules* *BII3-T44-R002* |
|  | | | ***cac:Contact*** | | | | | **Occurrence** 0 **..** 1  **Type** cac:ContactType |  |
|  | | | | **cbc:Name** | | | | **Occurrence** 0 **..** 1  **Type** cbc:NameType  **Info req.ID** tir44-023  **Bus req.ID** tbr44-002 | **BII Mapping** **SubmitTender/Contracting body/Contact person/**  **Contact point**  **BII Usage** *The name of the contact point.* |
|  | | | | **cbc:Telephone** | | | | **Occurrence** 0 **..** 1  **Type** cbc:TelephoneType  **Info req.ID** tir44-025  **Bus req.ID** tbr44-002 | **BII Mapping** **SubmitTender/Contracting body/Contact person/**  **Contact telephone number**  **BII Usage** *A phone number for the contact point.* |
|  | | | | **cbc:Telefax** | | | | **Occurrence** 0 **..** 1  **Type** cbc:TelefaxType  **Info req.ID** tir44-024  **Bus req.ID** tbr44-002 | **BII Mapping** **SubmitTender/Contracting body/Contact person/**  **Contact fax number**  **BII Usage** *A fax number for the contact point.* |
|  | | | | **cbc:ElectronicMail** | | | | **Occurrence** 0 **..** 1  **Type** cbc:ElectronicMailType  **Info req.ID** tir44-026  **Bus req.ID** tbr44-002 | **BII Mapping** **SubmitTender/Contracting body/Contact person/**  **Contact email address**  **BII Usage** *An e-mail address for the contact point.* |
|  | ***cac:OriginatorCustomerParty*** | | | | | | | **Occurrence** 0 **..** 1  **Type** cac:CustomerPartyType |  |
|  | | ***cac:Party*** | | | | | | **Occurrence** 0 **..** 1  **Type** cac:PartyType |  |
|  | | | ***cac:PartyIdentification*** | | | | | **Occurrence** 0 **..** 1  **Type** cac:PartyIdentificationType |  |
|  | | | | **cbc:ID** | | | | **Occurrence** 1 **..** 1  **Type** cbc:IDType  **Info req.ID** tir44-027  **Bus req.ID** tbr44-003 | **BII Mapping** **SubmitTender/Beneficiary/Beneficiary identifier**  **BII Usage** *The national identifier of the beneficiary.* |
|  | | | | | *schemeID* | | | *Type* *xs:normalizedString*  *Use* *optional* |  |
|  | | | ***cac:PartyName*** | | | | | **Occurrence** 0 **..** 1  **Type** cac:PartyNameType |  |
|  | | | | **cbc:Name** | | | | **Occurrence** 1 **..** 1  **Type** cbc:NameType  **Info req.ID** tir44-029  **Bus req.ID** tbr44-003 | **BII Mapping** **SubmitTender/Beneficiary/Beneficiary name**  **BII Usage** *The name of the beneficiary.* |
|  | | | ***cac:PostalAddress*** | | | | | **Occurrence** 0 **..** 1  **Type** cac:AddressType |  |
|  | | | | **cbc:StreetName** | | | | **Occurrence** 0 **..** 1  **Type** cbc:StreetNameType  **Info req.ID** tir44-030  **Bus req.ID** tbr44-003 | **BII Mapping** **SubmitTender/Beneficiary/Postal Address/Address**  **line 1**  **BII Usage** *The main address line in an address.*  *Usually the street name and number or post office box.* |
|  | | | | **cbc:AdditionalStreetName** | | | | **Occurrence** 0 **..** 1  **Type** cbc:AdditionalStreetNameType  **Info req.ID** tir44-031  **Bus req.ID** tbr44-003 | **BII Mapping** **SubmitTender/Beneficiary/Postal Address/Address**  **line 2**  **BII Usage** *An additional address line in an address that can be*  *used to give further details supplementing the main line.* |
|  | | | | **cbc:CityName** | | | | **Occurrence** 0 **..** 1  **Type** cbc:CityNameType  **Info req.ID** tir44-078  **Bus req.ID** tbr44-003 | **BII Mapping** **SubmitTender/Beneficiary/Postal Address/City**  **BII Usage** *The common name of a city where the address is*  *located.* |
|  | | | | **cbc:PostalZone** | | | | **Occurrence** 0 **..** 1  **Type** cbc:PostalZoneType  **Info req.ID** tir44-033  **Bus req.ID** tbr44-003 | **BII Mapping** **SubmitTender/Beneficiary/Postal Address/Post code**  **BII Usage** *The identifier for an addressable group of properties*  *according to the relevant postal service, such as a ZIP*  *code or Post Code.* |
|  | | | | **cbc:CountrySubentity** | | | | **Occurrence** 0 **..** 1  **Type** cbc:CountrySubentityType  **Info req.ID** tir44-034  **Bus req.ID** tbr44-003 | **BII Mapping** **SubmitTender/Beneficiary/Postal Address/Country**  **subdivision**  **BII Usage** *The subdivision of a country such as region, county,*  *state, province etc.* |
|  | | | | ***cac:Country*** | | | | **Occurrence** 0 **..** 1  **Type** cac:CountryType |  |
|  | | | | | **cbc:IdentificationCode** | | | **Occurrence** 0 **..** 1  **Type** cbc:IdentificationCodeType  **Info req.ID** tir44-035  **Bus req.ID** tbr44-003 | **BII Mapping** **SubmitTender/Beneficiary/Postal Address/Country**  **code**  **BII Usage** *A code that identifies the country.*  *The lists of valid countries are registered with the ISO*  *3166-1 Maintenance agency, "Codes for the*  *representation of names of countries and their*  *subdivisions". It is recommended to use the alpha-2*  *representation.*  **Code List ID:** Use code list Country Codes ISO 3166-1:Alpha2    **Rules** CL-T44-R003 |
|  | | | | | | *listID* | | *Type* *xs:normalizedString*  *Use* *optional* | *Rules* *BII3-T44-R002* |
|  | | | ***cac:PartyLegalEntity*** | | | | | **Occurrence** 0 **..** 1  **Type** cac:PartyLegalEntityType |  |
|  | | | | ***cac:RegistrationAddress*** | | | | **Occurrence** 0 **..** 1  **Type** cac:AddressType |  |
|  | | | | | ***cac:Country*** | | | **Occurrence** 0 **..** 1  **Type** cac:CountryType |  |
|  | | | | | | **cbc:IdentificationCode** | | **Occurrence** 0 **..** 1  **Type** cbc:IdentificationCodeType  **Info req.ID** tir44-028  **Bus req.ID** tbr44-003 | **BII Mapping** **SubmitTender/Beneficiary/Country of registration**  **BII Usage** *The country where the party is registered. The country*  *should always be given by using ISO code 3166 alpha 2*  **Code List ID:** Use code list Country Codes ISO 3166-1:Alpha2    **Rules** CL-T44-R003 |
|  | | | | | | | *listID* | *Type* *xs:normalizedString*  *Use* *optional* | *Rules* *BII3-T44-R002* |
|  | | | ***cac:Contact*** | | | | | **Occurrence** 0 **..** 1  **Type** cac:ContactType |  |
|  | | | | **cbc:Name** | | | | **Occurrence** 0 **..** 1  **Type** cbc:NameType  **Info req.ID** tir44-036  **Bus req.ID** tbr44-003 | **BII Mapping** **SubmitTender/Beneficiary/Contact person/Contact**  **point**  **BII Usage** *The name of the contact point.* |
|  | | | | **cbc:Telephone** | | | | **Occurrence** 0 **..** 1  **Type** cbc:TelephoneType  **Info req.ID** tir44-038  **Bus req.ID** tbr44-003 | **BII Mapping** **SubmitTender/Beneficiary/Contact person/Contact**  **telephone number**  **BII Usage** *A phone number for the contact point.* |
|  | | | | **cbc:Telefax** | | | | **Occurrence** 0 **..** 1  **Type** cbc:TelefaxType  **Info req.ID** tir44-037  **Bus req.ID** tbr44-003 | **BII Mapping** **SubmitTender/Beneficiary/Contact person/Contact**  **fax number**  **BII Usage** *A fax number for the contact point.* |
|  | | | | **cbc:ElectronicMail** | | | | **Occurrence** 0 **..** 1  **Type** cbc:ElectronicMailType  **Info req.ID** tir44-039  **Bus req.ID** tbr44-003 | **BII Mapping** **SubmitTender/Beneficiary/Contact person/Contact**  **email address**  **BII Usage** *An e-mail address for the contact point.* |
|  | ***cac:TenderedProject*** | | | | | | | **Occurrence** 1 **..** unbounded  **Type** cac:TenderedProjectType | ***Rules*** *BII3-T44-R007* |
|  | | ***cac:ProcurementProjectLot*** | | | | | | **Occurrence** 0 **..** 1  **Type** cac:ProcurementProjectLotType |  |
|  | | | **cbc:ID** | | | | | **Occurrence** 1 **..** 1  **Type** cbc:IDType  **Info req.ID** tir44-063  **Bus req.ID** tbr44-016 | **BII Mapping** **SubmitTender/Offered lot/Lot identifier**  **BII Usage** *An identifier for the lot.* |
|  | | ***cac:TaxTotal*** | | | | | | **Occurrence** 0 **..** 1  **Type** cac:TaxTotalType |  |
|  | | | **cbc:TaxAmount** | | | | | **Occurrence** 1 **..** 1  **Type** cbc:TaxAmountType  **Info req.ID** tir44-009  tir44-076  **Bus req.ID** tbr44-009  tbr44-016 | **BII Mapping** **SubmitTender/Tender total taxes amount**  **SubmitTender/Offered lot/Lot total taxes amount**  **BII Usage** *The total amount of taxes included in the total amount.*  *Total amount for the taxes of lot.* |
|  | | | | *currencyID* | | | | *Type* *xs:normalizedString*  *Use* *required* | *Rules* *CL-T44-R004*  *Code List ID:* *Use code list ISO 4217* |
|  | | ***cac:LegalMonetaryTotal*** | | | | | | **Occurrence** 1 **..** 1  **Type** cac:MonetaryTotalType |  |
|  | | | **cbc:PayableAmount** | | | | | **Occurrence** 1 **..** 1  **Type** cbc:PayableAmountType  **Info req.ID** tir44-008  tir44-064  **Bus req.ID** tbr44-009  tbr44-016 | **BII Mapping** **SubmitTender/Tender total amount**  **SubmitTender/Offered lot/Lot total amount**  **BII Usage** *The total amount of the offered deliverables in the tender*  *excluding all taxes payable by the contracting authority.*  *Total amount for the lot, excluding taxes.*    **Rules** BII3-T44-R008 |
|  | | | | *currencyID* | | | | *Type* *xs:normalizedString*  *Use* *required* | *Rules* *CL-T44-R004*  *Code List ID:* *Use code list ISO 4217* |
|  | | ***cac:TenderLine*** | | | | | | **Occurrence** 0 **..** unbounded  **Type** cac:TenderLineType |  |
|  | | | **cbc:ID** | | | | | **Occurrence** 0 **..** 1  **Type** cbc:IDType  **Info req.ID** tir44-055  tir44-065  **Bus req.ID** tbr44-010  tbr44-010    **XML Note** Is this correct? Or should reference be made to an item  ID? | **BII Mapping** **SubmitTender/Deliverable offered/Call for tender**  **deliverable reference**  **SubmitTender/Offered lot/Deliverable offered/Call for**  **tender deliverable reference**  **BII Usage** *A reference to the call for tender identifier for the*  *requested deliverable that is being offered.*  *A reference to the call for tender identifier for the*  *requested deliverable that is being offered.* |
|  | | | **cbc:LineExtensionAmount** | | | | | **Occurrence** 0 **..** 1  **Type** cbc:LineExtensionAmountType  **Info req.ID** tir44-068  tir44-058  **Bus req.ID** tbr44-014  tbr44-014 | **BII Mapping** **SubmitTender/Offered lot/Deliverable offered/**  **Deliverable total amount**  **SubmitTender/Deliverable offered/Deliverable total**  **amount**  **BII Usage** *The total amount of the offered deliverable including all*  *taxes payable by the contracting body.*  *The total amount of the offered deliverable including all*  *taxes payable by the contracting body.* |
|  | | | | *currencyID* | | | | *Type* *xs:normalizedString*  *Use* *required* | *Rules* *CL-T44-R004*  *Code List ID:* *Use code list ISO 4217* |
|  | | | **cbc:TotalTaxAmount** | | | | | **Occurrence** 0 **..** 1  **Type** cbc:TotalTaxAmountType  **Info req.ID** tir44-059  tir44-069  **Bus req.ID** tbr44-014  tbr44-014 | **BII Mapping** **SubmitTender/Deliverable offered/Deliverable taxes**  **amount**  **SubmitTender/Offered lot/Deliverable offered/**  **Deliverable taxes amount**  **BII Usage** *The amount of taxes included in the total amount of the*  *deliverable.*  *The amount of taxes included in the total amount of the*  *deliverable.* |
|  | | | | *currencyID* | | | | *Type* *xs:normalizedString*  *Use* *required* | *Rules* *CL-T44-R004*  *Code List ID:* *Use code list ISO 4217* |
|  | | | ***cac:Item*** | | | | | **Occurrence** 0 **..** 1  **Type** cac:ItemType |  |
|  | | | | **cbc:Description** | | | | **Occurrence** 0 **..** 1  **Type** cbc:DescriptionType  **Info req.ID** tir44-057  tir44-067  **Bus req.ID** tbr44-010, tbr44-013  tbr44-013 | **BII Mapping** **SubmitTender/Deliverable offered/Deliverable**  **description**  **SubmitTender/Offered lot/Deliverable offered/**  **Deliverable description**  **BII Usage** *A description of the offered deliverable, including details*  *such as features.*  *A description of the offered deliverable, including details*  *such as features.* |
|  | | | | **cbc:Name** | | | | **Occurrence** 0 **..** 1  **Type** cbc:NameType  **Info req.ID** tir44-056  tir44-066  **Bus req.ID** tbr44-010  tbr44-010 | **BII Mapping** **SubmitTender/Deliverable offered/Deliverable name**  **SubmitTender/Offered lot/Deliverable offered/**  **Deliverable name**  **BII Usage** *The name of the offered deliverable.*  *The name of the offered deliverable.* |
|  | | ***cac:AwardingCriterionResponse*** | | | | | | **Occurrence** 0 **..** unbounded  **Type** cac:AwardingCriterionResponseType |  |
|  | | | **cbc:AwardingCriterionID** | | | | | **Occurrence** 0 **..** 1  **Type** cbc:AwardingCriterionIDType  **Info req.ID** tir44-060  tir44-070  **Bus req.ID** tbr44-015  tbr44-015 | **BII Mapping** **SubmitTender/Awarding criterion response/Call for**  **tender award criterion reference**  **SubmitTender/Offered lot/Awarding criterion**  **response/Call for tender award criterion reference**  **BII Usage** *A reference to the awarding criterion that the tender*  *fulfills.*  *A reference to the awarding criterion that the tender*  *fulfills.* |
|  | | | **cbc:AwardingCriterionDescription** | | | | | **Occurrence** 0 **..** 1  **Type** cbc:AwardingCriterionDescriptionType  **Info req.ID** tir44-061  tir44-071  **Bus req.ID** tbr44-015  tbr44-015 | **BII Mapping** **SubmitTender/Awarding criterion response/**  **Awarding criterion response description**  **SubmitTender/Offered lot/Awarding criterion**  **response/Awarding criterion response description**  **BII Usage** *A description of the awarding criterion that the tender*  *fulfills.*  *A description of the awarding criterion that the tender*  *fulfills.* |
|  | | | **cbc:Amount** | | | | | **Occurrence** 0 **..** 1  **Type** cbc:AmountType  **Info req.ID** tir44-062  tir44-072  **Bus req.ID** tbr44-015  tbr44-015 | **BII Mapping** **SubmitTender/Awarding criterion response/**  **Awarding criterion response amount**  **SubmitTender/Offered lot/Awarding criterion**  **response/Awarding criterion response amount**  **BII Usage** *The amount that the tenderer provides to fulfill the*  *criterion.*  *The amount that the tenderer provides to fulfill the*  *criterion.* |
|  | | | | *currencyID* | | | | *Type* *xs:normalizedString*  *Use* *required* | *Rules* *CL-T44-R004*  *Code List ID:* *Use code list ISO 4217* |

# Information Requirement Model to UBL mapping

The table below describes the reverse mapping from the Trdm044 AdvancedTender to the UBL Tender document.

| **No** | **Length** | **Occurrence** | **Element** | **Length** | **Occurrence** | **Element** |
| --- | --- | --- | --- | --- | --- | --- |
| 001 |  | 1 **..** 1 | **Tender identifier**  *Path:*  SubmitTender/Tender identifier |  | 1 **..** 1 | **cbc:ID**  *Path:*  Tender/cbc:ID |
| 002 |  | 1 **..** 1 | **Call for tender reference**  *Path:*  SubmitTender/Call for tender reference |  | 1 **..** 1 | **cbc:ID**  *Path:*  Tender/cac:DocumentReference/cbc:ID |
| 003 |  | 1 **..** 1 | **Reference number**  *Path:*  SubmitTender/Reference number |  | 1 **..** 1 | **cbc:ContractFolderID**  *Path:*  Tender/cbc:ContractFolderID |
| 004 |  | 0 **..** 1 | **Tender issue date**  *Path:*  SubmitTender/Tender issue date |  | 1 **..** 1 | **cbc:IssueDate**  *Path:*  Tender/cbc:IssueDate |
| 005 |  | 0 **..** 1 | **Tender issue time**  *Path:*  SubmitTender/Tender issue time |  | 0 **..** 1 | **cbc:IssueTime**  *Path:*  Tender/cbc:IssueTime |
| 006 |  | 0 **..** 1 | **Tender description**  *Path:*  SubmitTender/Tender description |  | 0 **..** 1 | **cbc:Note**  *Path:*  Tender/cbc:Note |
| 007 |  | 0 **..** 1 | **Tender type code**  *Path:*  SubmitTender/Tender type code |  | 0 **..** 1 | **cbc:TenderTypeCode**  *Path:*  Tender/cbc:TenderTypeCode |
| 008 |  | 1 **..** 1 | **Tender total amount**  *Path:*  SubmitTender/Tender total amount |  | 1 **..** 1 | **cbc:PayableAmount**  *Path:*  Tender/cac:TenderedProject/cac:LegalMonetaryTotal/  cbc:PayableAmount |
| 009 |  | 0 **..** 1 | **Tender total taxes amount**  *Path:*  SubmitTender/Tender total taxes amount |  | 1 **..** 1 | **cbc:TaxAmount**  *Path:*  Tender/cac:TenderedProject/cac:TaxTotal/cbc:  TaxAmount |
| 010 |  | 0 **..** 1 | **Tender validity start date**  *Path:*  SubmitTender/Tender validity start date |  | 0 **..** 1 | **cbc:StartDate**  *Path:*  Tender/cac:ValidityPeriod/cbc:StartDate |
| 011 |  | 0 **..** 1 | **Tender validity end date**  *Path:*  SubmitTender/Tender validity end date |  | 0 **..** 1 | **cbc:EndDate**  *Path:*  Tender/cac:ValidityPeriod/cbc:EndDate |
| 012 |  | 1 **..** 1 | **Business process type identifier**  *Path:*  SubmitTender/Process control/Business process type  identifier |  | 1 **..** 1 | **cbc:ProfileID**  *Path:*  Tender/cbc:ProfileID |
| 013 |  | 1 **..** 1 | **Specification identification**  *Path:*  SubmitTender/Process control/Specification identification |  | 1 **..** 1 | **cbc:CustomizationID**  *Path:*  Tender/cbc:CustomizationID |
| 014 |  | 0 **..** 1 | **Contracting body name**  *Path:*  SubmitTender/Contracting body/Contracting body name |  | 1 **..** 1 | **cbc:Name**  *Path:*  Tender/cac:ContractingParty/cac:Party/cac:PartyName/  cbc:Name |
| 015 |  | 0 **..** 1 | **Contracting body identifier**  *Path:*  SubmitTender/Contracting body/Contracting body  identifier |  | 1 **..** 1 | **cbc:ID**  *Path:*  Tender/cac:ContractingParty/cac:Party/cac:  PartyIdentification/cbc:ID |
| 016 |  | 0 **..** 1 | **Contracting body electronic address identifier**  *Path:*  SubmitTender/Contracting body/Contracting body  electronic address identifier |  | 0 **..** 1 | **cbc:EndpointID**  *Path:*  Tender/cac:ContractingParty/cac:Party/cbc:EndpointID |
| 017 |  | 0 **..** 1 | **Country of registration**  *Path:*  SubmitTender/Contracting body/Country of registration |  | 0 **..** 1 | **cbc:IdentificationCode**  *Path:*  Tender/cac:ContractingParty/cac:Party/cac:  PartyLegalEntity/cac:RegistrationAddress/cac:Country/  cbc:IdentificationCode |
| 018 |  | 0 **..** 1 | **Address line 1**  *Path:*  SubmitTender/Contracting body/Postal Address/Address  line 1 |  | 0 **..** 1 | **cbc:StreetName**  *Path:*  Tender/cac:ContractingParty/cac:Party/cac:  PostalAddress/cbc:StreetName |
| 019 |  | 0 **..** 1 | **Address line 2**  *Path:*  SubmitTender/Contracting body/Postal Address/Address  line 2 |  | 0 **..** 1 | **cbc:AdditionalStreetName**  *Path:*  Tender/cac:ContractingParty/cac:Party/cac:  PostalAddress/cbc:AdditionalStreetName |
| 020 |  | 0 **..** 1 | **City**  *Path:*  SubmitTender/Contracting body/Postal Address/City |  | 0 **..** 1 | **cbc:CityName**  *Path:*  Tender/cac:ContractingParty/cac:Party/cac:  PostalAddress/cbc:CityName |
| 021 |  | 0 **..** 1 | **Post code**  *Path:*  SubmitTender/Contracting body/Postal Address/Post  code |  | 0 **..** 1 | **cbc:PostalZone**  *Path:*  Tender/cac:ContractingParty/cac:Party/cac:  PostalAddress/cbc:PostalZone |
| 022 |  | 0 **..** 1 | **Country subdivision**  *Path:*  SubmitTender/Contracting body/Postal Address/Country  subdivision |  | 0 **..** 1 | **cbc:CountrySubentity**  *Path:*  Tender/cac:ContractingParty/cac:Party/cac:  PostalAddress/cbc:CountrySubentity |
| 023 |  | 0 **..** 1 | **Country code**  *Path:*  SubmitTender/Contracting body/Postal Address/Country |  | 0 **..** 1 | **cbc:IdentificationCode**  *Path:*  Tender/cac:ContractingParty/cac:Party/cac: |
|  |  |  | code |  |  | PostalAddress/cac:Country/cbc:IdentificationCode |
| 024 |  | 0 **..** 1 | **Contact point**  *Path:*  SubmitTender/Contracting body/Contact person/Contact  point |  | 0 **..** 1 | **cbc:Name**  *Path:*  Tender/cac:ContractingParty/cac:Party/cac:Contact/cbc:  Name |
| 025 |  | 0 **..** 1 | **Contact fax number**  *Path:*  SubmitTender/Contracting body/Contact person/Contact  fax number |  | 0 **..** 1 | **cbc:Telefax**  *Path:*  Tender/cac:ContractingParty/cac:Party/cac:Contact/cbc:  Telefax |
| 026 |  | 0 **..** 1 | **Contact telephone number**  *Path:*  SubmitTender/Contracting body/Contact person/Contact  telephone number |  | 0 **..** 1 | **cbc:Telephone**  *Path:*  Tender/cac:ContractingParty/cac:Party/cac:Contact/cbc:  Telephone |
| 027 |  | 0 **..** 1 | **Contact email address**  *Path:*  SubmitTender/Contracting body/Contact person/Contact  email address |  | 0 **..** 1 | **cbc:ElectronicMail**  *Path:*  Tender/cac:ContractingParty/cac:Party/cac:Contact/cbc:  ElectronicMail |
| 028 |  | 0 **..** 1 | **Economic operator identifier**  *Path:*  SubmitTender/Economic operator/Economic operator  identifier |  | 1 **..** 1 | **cbc:ID**  *Path:*  Tender/cac:TendererParty/cac:PartyIdentification/cbc:ID |
| 029 |  | 0 **..** 1 | **Economic operator registration country code**  *Path:*  SubmitTender/Economic operator/Economic operator  registration country code |  | 0 **..** 1 | **cbc:IdentificationCode**  *Path:*  Tender/cac:TendererParty/cac:PartyLegalEntity/cac:  RegistrationAddress/cac:Country/cbc:IdentificationCode |
| 030 |  | 1 **..** 1 | **Economic operator name**  *Path:*  SubmitTender/Economic operator/Economic operator  name |  | 1 **..** 1 | **cbc:Name**  *Path:*  Tender/cac:TendererParty/cac:PartyName/cbc:Name |
| 031 |  | 0 **..** 1 | **Address line 1**  *Path:*  SubmitTender/Economic operator/Postal address/  Address line 1 |  | 0 **..** 1 | **cbc:StreetName**  *Path:*  Tender/cac:TendererParty/cac:PostalAddress/cbc:  StreetName |
| 032 |  | 0 **..** 1 | **Address line 2**  *Path:*  SubmitTender/Economic operator/Postal address/  Address line 2 |  | 0 **..** 1 | **cbc:AdditionalStreetName**  *Path:*  Tender/cac:TendererParty/cac:PostalAddress/cbc:  AdditionalStreetName |
| 033 |  | 0 **..** 1 | **City**  *Path:*  SubmitTender/Economic operator/Postal address/City |  | 0 **..** 1 | **cbc:CityName**  *Path:*  Tender/cac:TendererParty/cac:PostalAddress/cbc: |
|  |  |  |  |  |  | CityName |
| 034 |  | 0 **..** 1 | **Post code**  *Path:*  SubmitTender/Economic operator/Postal address/Post  code |  | 0 **..** 1 | **cbc:PostalZone**  *Path:*  Tender/cac:TendererParty/cac:PostalAddress/cbc:  PostalZone |
| 035 |  | 0 **..** 1 | **Country subdivision**  *Path:*  SubmitTender/Economic operator/Postal address/Country  subdivision |  | 0 **..** 1 | **cbc:CountrySubentity**  *Path:*  Tender/cac:TendererParty/cac:PostalAddress/cbc:  CountrySubentity |
| 036 |  | 0 **..** 1 | **Country code**  *Path:*  SubmitTender/Economic operator/Postal address/Country  code |  | 0 **..** 1 | **cbc:IdentificationCode**  *Path:*  Tender/cac:TendererParty/cac:PostalAddress/cac:  Country/cbc:IdentificationCode |
| 037 |  | 0 **..** 1 | **Contact point**  *Path:*  SubmitTender/Economic operator/Contacting details/  Contact point |  | 0 **..** 1 | **cbc:Name**  *Path:*  Tender/cac:TendererParty/cac:Contact/cbc:Name |
| 038 |  | 0 **..** 1 | **Contact fax number**  *Path:*  SubmitTender/Economic operator/Contacting details/  Contact fax number |  | 0 **..** 1 | **cbc:Telefax**  *Path:*  Tender/cac:TendererParty/cac:Contact/cbc:Telefax |
| 039 |  | 0 **..** 1 | **Contact telephone number**  *Path:*  SubmitTender/Economic operator/Contacting details/  Contact telephone number |  | 0 **..** 1 | **cbc:Telephone**  *Path:*  Tender/cac:TendererParty/cac:Contact/cbc:Telephone |
| 040 |  | 0 **..** 1 | **Contact email address**  *Path:*  SubmitTender/Economic operator/Contacting details/  Contact email address |  | 0 **..** 1 | **cbc:ElectronicMail**  *Path:*  Tender/cac:TendererParty/cac:Contact/cbc:ElectronicMail |
| 041 |  | 0 **..** 1 | **Beneficiary identifier**  *Path:*  SubmitTender/Beneficiary/Beneficiary identifier |  | 1 **..** 1 | **cbc:ID**  *Path:*  Tender/cac:OriginatorCustomerParty/cac:Party/cac:  PartyIdentification/cbc:ID |
| 042 |  | 0 **..** 1 | **Beneficiary name**  *Path:*  SubmitTender/Beneficiary/Beneficiary name |  | 1 **..** 1 | **cbc:Name**  *Path:*  Tender/cac:OriginatorCustomerParty/cac:Party/cac:  PartyName/cbc:Name |
| 043 |  | 0 **..** 1 | **Country of registration**  *Path:*  SubmitTender/Beneficiary/Country of registration |  | 0 **..** 1 | **cbc:IdentificationCode**  *Path:*  Tender/cac:OriginatorCustomerParty/cac:Party/cac: |
|  |  |  |  |  |  | PartyLegalEntity/cac:RegistrationAddress/cac:Country/  cbc:IdentificationCode |
| 044 |  | 0 **..** 1 | **Address line 1**  *Path:*  SubmitTender/Beneficiary/Postal Address/Address line 1 |  | 0 **..** 1 | **cbc:StreetName**  *Path:*  Tender/cac:OriginatorCustomerParty/cac:Party/cac:  PostalAddress/cbc:StreetName |
| 045 |  | 0 **..** 1 | **Address line 2**  *Path:*  SubmitTender/Beneficiary/Postal Address/Address line 2 |  | 0 **..** 1 | **cbc:AdditionalStreetName**  *Path:*  Tender/cac:OriginatorCustomerParty/cac:Party/cac:  PostalAddress/cbc:AdditionalStreetName |
| 046 |  | 0 **..** 1 | **City**  *Path:*  SubmitTender/Beneficiary/Postal Address/City |  | 0 **..** 1 | **cbc:CityName**  *Path:*  Tender/cac:OriginatorCustomerParty/cac:Party/cac:  PostalAddress/cbc:CityName |
| 047 |  | 0 **..** 1 | **Post code**  *Path:*  SubmitTender/Beneficiary/Postal Address/Post code |  | 0 **..** 1 | **cbc:PostalZone**  *Path:*  Tender/cac:OriginatorCustomerParty/cac:Party/cac:  PostalAddress/cbc:PostalZone |
| 048 |  | 0 **..** 1 | **Country subdivision**  *Path:*  SubmitTender/Beneficiary/Postal Address/Country  subdivision |  | 0 **..** 1 | **cbc:CountrySubentity**  *Path:*  Tender/cac:OriginatorCustomerParty/cac:Party/cac:  PostalAddress/cbc:CountrySubentity |
| 049 |  | 0 **..** 1 | **Country code**  *Path:*  SubmitTender/Beneficiary/Postal Address/Country code |  | 0 **..** 1 | **cbc:IdentificationCode**  *Path:*  Tender/cac:OriginatorCustomerParty/cac:Party/cac:  PostalAddress/cac:Country/cbc:IdentificationCode |
| 050 |  | 0 **..** 1 | **Contact point**  *Path:*  SubmitTender/Beneficiary/Contact person/Contact point |  | 0 **..** 1 | **cbc:Name**  *Path:*  Tender/cac:OriginatorCustomerParty/cac:Party/cac:  Contact/cbc:Name |
| 051 |  | 0 **..** 1 | **Contact fax number**  *Path:*  SubmitTender/Beneficiary/Contact person/Contact fax  number |  | 0 **..** 1 | **cbc:Telefax**  *Path:*  Tender/cac:OriginatorCustomerParty/cac:Party/cac:  Contact/cbc:Telefax |
| 052 |  | 0 **..** 1 | **Contact telephone number**  *Path:*  SubmitTender/Beneficiary/Contact person/Contact  telephone number |  | 0 **..** 1 | **cbc:Telephone**  *Path:*  Tender/cac:OriginatorCustomerParty/cac:Party/cac:  Contact/cbc:Telephone |
| 053 |  | 0 **..** 1 | **Contact email address** |  | 0 **..** 1 | **cbc:ElectronicMail** |
|  |  |  | *Path:*  SubmitTender/Beneficiary/Contact person/Contact email  address |  |  | *Path:*  Tender/cac:OriginatorCustomerParty/cac:Party/cac:  Contact/cbc:ElectronicMail |
| 054 |  | 0 **..** 1 | **Call for tender deliverable reference**  *Path:*  SubmitTender/Deliverable offered/Call for tender  deliverable reference |  | 0 **..** 1 | **cbc:ID**  *Path:*  Tender/cac:TenderedProject/cac:TenderLine/cbc:ID |
| 055 |  | 0 **..** 1 | **Deliverable name**  *Path:*  SubmitTender/Deliverable offered/Deliverable name |  | 0 **..** 1 | **cbc:Name**  *Path:*  Tender/cac:TenderedProject/cac:TenderLine/cac:Item/  cbc:Name |
| 056 |  | 0 **..** 1 | **Deliverable description**  *Path:*  SubmitTender/Deliverable offered/Deliverable description |  | 0 **..** 1 | **cbc:Description**  *Path:*  Tender/cac:TenderedProject/cac:TenderLine/cac:Item/  cbc:Description |
| 057 |  | 0 **..** 1 | **Deliverable total amount**  *Path:*  SubmitTender/Deliverable offered/Deliverable total  amount |  | 0 **..** 1 | **cbc:LineExtensionAmount**  *Path:*  Tender/cac:TenderedProject/cac:TenderLine/cbc:  LineExtensionAmount |
| 058 |  | 0 **..** 1 | **Deliverable taxes amount**  *Path:*  SubmitTender/Deliverable offered/Deliverable taxes  amount |  | 0 **..** 1 | **cbc:TotalTaxAmount**  *Path:*  Tender/cac:TenderedProject/cac:TenderLine/cbc:  TotalTaxAmount |
| 059 |  | 0 **..** 1 | **Call for tender award criterion reference**  *Path:*  SubmitTender/Awarding criterion response/Call for tender  award criterion reference |  | 0 **..** 1 | **cbc:AwardingCriterionID**  *Path:*  Tender/cac:TenderedProject/cac:  AwardingCriterionResponse/cbc:AwardingCriterionID |
| 060 |  | 0 **..** 1 | **Awarding criterion response description**  *Path:*  SubmitTender/Awarding criterion response/Awarding  criterion response description |  | 0 **..** 1 | **cbc:AwardingCriterionDescription**  *Path:*  Tender/cac:TenderedProject/cac:  AwardingCriterionResponse/cbc:  AwardingCriterionDescription |
| 061 |  | 0 **..** 1 | **Awarding criterion response amount**  *Path:*  SubmitTender/Awarding criterion response/Awarding  criterion response amount |  | 0 **..** 1 | **cbc:Amount**  *Path:*  Tender/cac:TenderedProject/cac:  AwardingCriterionResponse/cbc:Amount |
| 062 |  | 0 **..** 1 | **Lot identifier**  *Path:*  SubmitTender/Offered lot/Lot identifier |  | 1 **..** 1 | **cbc:ID**  *Path:*  Tender/cac:TenderedProject/cac:  ProcurementProjectLot/cbc:ID |
| 063 |  | 0 **..** 1 | **Lot total amount**  *Path:*  SubmitTender/Offered lot/Lot total amount |  | 1 **..** 1 | **cbc:PayableAmount**  *Path:*  Tender/cac:TenderedProject/cac:LegalMonetaryTotal/  cbc:PayableAmount |
| 064 |  | 0 **..** 1 | **Lot total taxes amount**  *Path:*  SubmitTender/Offered lot/Lot total taxes amount |  | 1 **..** 1 | **cbc:TaxAmount**  *Path:*  Tender/cac:TenderedProject/cac:TaxTotal/cbc:  TaxAmount |
| 065 |  | 0 **..** 1 | **Call for tender deliverable reference**  *Path:*  SubmitTender/Offered lot/Deliverable offered/Call for  tender deliverable reference |  | 0 **..** 1 | **cbc:ID**  *Path:*  Tender/cac:TenderedProject/cac:TenderLine/cbc:ID |
| 066 |  | 0 **..** 1 | **Deliverable name**  *Path:*  SubmitTender/Offered lot/Deliverable offered/Deliverable  name |  | 0 **..** 1 | **cbc:Name**  *Path:*  Tender/cac:TenderedProject/cac:TenderLine/cac:Item/  cbc:Name |
| 067 |  | 0 **..** 1 | **Deliverable description**  *Path:*  SubmitTender/Offered lot/Deliverable offered/Deliverable  description |  | 0 **..** 1 | **cbc:Description**  *Path:*  Tender/cac:TenderedProject/cac:TenderLine/cac:Item/  cbc:Description |
| 068 |  | 0 **..** 1 | **Deliverable total amount**  *Path:*  SubmitTender/Offered lot/Deliverable offered/Deliverable  total amount |  | 0 **..** 1 | **cbc:LineExtensionAmount**  *Path:*  Tender/cac:TenderedProject/cac:TenderLine/cbc:  LineExtensionAmount |
| 069 |  | 0 **..** 1 | **Deliverable taxes amount**  *Path:*  SubmitTender/Offered lot/Deliverable offered/Deliverable  taxes amount |  | 0 **..** 1 | **cbc:TotalTaxAmount**  *Path:*  Tender/cac:TenderedProject/cac:TenderLine/cbc:  TotalTaxAmount |
| 070 |  | 0 **..** 1 | **Call for tender award criterion reference**  *Path:*  SubmitTender/Offered lot/Awarding criterion response/  Call for tender award criterion reference |  | 0 **..** 1 | **cbc:AwardingCriterionID**  *Path:*  Tender/cac:TenderedProject/cac:  AwardingCriterionResponse/cbc:AwardingCriterionID |
| 071 |  | 0 **..** 1 | **Awarding criterion response description**  *Path:*  SubmitTender/Offered lot/Awarding criterion response/  Awarding criterion response description |  | 0 **..** 1 | **cbc:AwardingCriterionDescription**  *Path:*  Tender/cac:TenderedProject/cac:  AwardingCriterionResponse/cbc:  AwardingCriterionDescription |
| 072 |  | 0 **..** 1 | **Awarding criterion response amount**  *Path:*  SubmitTender/Offered lot/Awarding criterion response/ |  | 0 **..** 1 | **cbc:Amount**  *Path:*  Tender/cac:TenderedProject/cac: |
|  |  |  | Awarding criterion response amount |  |  | AwardingCriterionResponse/cbc:Amount |
| 073 |  | 0 **..** 1 | **Attachment identifier**  *Path:*  SubmitTender/Offered lot/Document/Attachment identifier |  | 1 **..** 1 | **cbc:ID**  *Path:*  Tender/cac:DocumentReference/cbc:ID |
| 074 |  | 0 **..** 1 | **Attachment description**  *Path:*  SubmitTender/Offered lot/Document/Attachment  description |  | 0 **..** 1 | **cbc:DocumentDescription**  *Path:*  Tender/cac:DocumentReference/cbc:  DocumentDescription |
| 075 |  | 0 **..** 1 | **Document type code**  *Path:*  SubmitTender/Offered lot/Document/Document type code |  | 0 **..** 1 | **cbc:DocumentTypeCode**  *Path:*  Tender/cac:DocumentReference/cbc:DocumentTypeCode |
| 076 |  | 0 **..** 1 | **Attached document**  *Path:*  SubmitTender/Offered lot/Document/Attached document |  | 0 **..** 1 | **cbc:EmbeddedDocumentBinaryObject**  *Path:*  Tender/cac:DocumentReference/cac:Attachment/cbc:  EmbeddedDocumentBinaryObject |
| 077 |  | 0 **..** 1 | **Document mime type code**  *Path:*  SubmitTender/Offered lot/Document/Document mime  type code |  | 0 **..** 1 | **cbc:MimeCode**  *Path:*  Tender/cac:DocumentReference/cac:Attachment/cac:  ExternalReference/cbc:MimeCode |
| 078 |  | 0 **..** 1 | **Document digest**  *Path:*  SubmitTender/Offered lot/Document/Document digest |  | 0 **..** 1 | **cbc:DocumentHash**  *Path:*  Tender/cac:DocumentReference/cac:Attachment/cac:  ExternalReference/cbc:DocumentHash |
| 079 |  | 0 **..** 1 | **Document digest method code**  *Path:*  SubmitTender/Offered lot/Document/Document digest  method code |  | 0 **..** 1 | **cbc:HashAlgorithmMethod**  *Path:*  Tender/cac:DocumentReference/cac:Attachment/cac:  ExternalReference/cbc:HashAlgorithmMethod |
| 080 |  | 0 **..** 1 | **Attachment identifier**  *Path:*  SubmitTender/Document/Attachment identifier |  | 1 **..** 1 | **cbc:ID**  *Path:*  Tender/cac:DocumentReference/cbc:ID |
| 081 |  | 0 **..** 1 | **Attachment description**  *Path:*  SubmitTender/Document/Attachment description |  | 0 **..** 1 | **cbc:DocumentDescription**  *Path:*  Tender/cac:DocumentReference/cbc:  DocumentDescription |
| 082 |  | 0 **..** 1 | **Document type code**  *Path:*  SubmitTender/Document/Document type code |  | 0 **..** 1 | **cbc:DocumentTypeCode**  *Path:*  Tender/cac:DocumentReference/cbc:DocumentTypeCode |
| 083 |  | 0 **..** 1 | **Attached document**  *Path:*  SubmitTender/Document/Attached document |  | 1 **..** 1 | **cbc:ID**  *Path:*  Tender/cac:DocumentReference/cbc:ID |
| 084 |  | 0 **..** 1 | **Document mime type code**  *Path:*  SubmitTender/Document/Document mime type code |  | 0 **..** 1 | **cbc:MimeCode**  *Path:*  Tender/cac:DocumentReference/cac:Attachment/cac:  ExternalReference/cbc:MimeCode |
| 085 |  | 0 **..** 1 | **Document digest**  *Path:*  SubmitTender/Document/Document digest |  | 0 **..** 1 | **cbc:DocumentHash**  *Path:*  Tender/cac:DocumentReference/cac:Attachment/cac:  ExternalReference/cbc:DocumentHash |
| 086 |  | 0 **..** 1 | **Document digest method code**  *Path:*  SubmitTender/Document/Document digest method code |  | 0 **..** 1 | **cbc:HashAlgorithmMethod**  *Path:*  Tender/cac:DocumentReference/cac:Attachment/cac:  ExternalReference/cbc:HashAlgorithmMethod |

## Missing information requirements in UBL

The following information requirements are not mapped to the UBL 2.1 Tenders document type:

| Element | Remark |
| --- | --- |
| Economic operator role | UBL cannot specify the role of the Economic operator if the Tender is presented by a consortia |
| Economic operator parent contractor | UBL cannot represent the structure of the economic operator within a consortia. |

# Schematron files

All Schematron files can be found in: http://www.cenbii.eu/trdm044/ubl/schematron/semantics/

|  |  |  |
| --- | --- | --- |
|  | Filename | Description |
| Main | BIIRULES-UBL-T44.sch | Main file used to bundle the different Schematron parts. |
| Abstract | abstract/BIIRULES-T44.sch | Abstract business rules. |
| CodeList | codelists/BIIRULESCodesT44-UBL.sch | Rules related to code lists. |
| UBL Binding | UBL/BIIRULES-UBL-T44.sch | Syntax binding using XPATH expressions. |

# Sample XML files

## Use case 1, trdm044 structured tender for a simple call for tenders

|  |  |
| --- | --- |
| **Use Case number** | 1 |
| Use Case Name | Structured tender information for a simple call for tenders, including technical and economical information. |
| Use Case Description | In this scenario the transaction is used to submit technical and economic information for a call for tenders without lots using a single Tender xml document. |
| Parties involved | Economic operatorContracting body |
| Assumptions | Tender metadata contains:  * Information about the tenderer * Unstructured attachments * Structured information about the tendered project * Price of the tender * Response to the awarding criterion defined in the call for tenders |
| The flow | The Economic operator sends a tender to the contracting body |
| XML example file | http://www.cenbii.eu/trdm044/ubl/example/UseCase1-trdm044.xml |

## Use case 2, trdm044 submitting only economic information for two lots

|  |  |
| --- | --- |
| **Use Case number** | 2 |
| Use Case Name | Structured tender information replying to a call for tenders with two lots. This tender document just includes economical information. |
| Use Case Description | In this scenario the transaction is used to submit economic information using a Tender xml document. The economic information is sent for two different lots. The awarding criterion are specified by lot. |
| Parties involved | Economic operatorContracting body |
| Assumptions | Tender metadata contains:  * Information about the tenderer * Structured information about the tendered project amounts * Response to the awarding criterion defined in the call for tenders |
| The flow | The Economic operator sends a tender to the contracting body |
| XML example file | http://www.cenbii.eu/trdm044/ubl/example/UseCase2-trdm044.xml |

1. In order to ease the reading the CWAs provided by the CEN BII initiative, they are also made available on <http://www.cenbii.eu> together with explanatory notes and supporting material. The official version is however the version as published by CEN. [↑](#footnote-ref-1)
2. Directive 2014/24/EU on public procurement – replaces Directive 2004/18/EC ("classic Directive"), Directive 2014/25/EU on procurement by entities operating in the water, energy, transport and postal services sectors – replaces Directive 2004/17/EC ("utilities Directive"), and Directive 2014/23/EU on the award of concession contracts (new) [↑](#footnote-ref-2)
3. <http://www.iso.org/iso/home/standards/country_codes.htm> [↑](#footnote-ref-3)
4. <http://www.currency-iso.org/dam/downloads/dl_iso_table_a1.xml> [↑](#footnote-ref-4)
5. <http://www.iana.org/assignments/media-types> [↑](#footnote-ref-5)