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Business Interoperability Interfaces for public procurement in Europe — UBL Syntax Implementation Guideline — Trdm045 Tender Reception Notification

ICS:

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Foreword

CWA 3456 part 205, **UBL Syntax Implementation Guideline — Trdm045 Tender Reception Notification** 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.

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* Cloudia Oy, FI
* Columbus Denmark A/S (resigned per 2015-08-01), DK
* Consorzio CBI (resigned per 2014-11-17), IT
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* Department of Health, UK
* Direction de l'information légale et administrative (DILA), FR
* Electronic Signatures and Infrastructures (ESI) TC (liason)
* Flowcanto, NL
* GS 1 in Europe
* Highjump Software (Former Evenex), DK
* ICEPRO, ISA
* Infoterm - International Information Centre for Terminology on behalf of CEN/WS/eCAT (liason)
* Invinet Sistemes 2003, ES
* Laszlo Ketszeri, HU
* Nets Norway AS, NO
* Nexus IT,ES
* Phast, FR
* PIANOo, NL
* Poste Italiane, IT
* Publications Office of the European Union (LU)
* Single face To Industry (SFTI), SE
* SOGEI (former Consip), IT
* Statens og Kommunernes Indkobs Service A/S (SKI A/S), DK
* University of Koblenz-Landau, DE
* University of Piraeus Research Center (UPRC), GR
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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 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

The CEN Workshop members who have contributed to the development of this document are:

| **Name** | **Affiliation** | **Country** |
| --- | --- | --- |
| Ansgar Mondorf | University of Koblenz-Landau | DE |
| Maria Wimmer | University of Koblenz-Landau | DE |
| Kornelis Drijfhout | PIANOo | NL |
| Chander Khoenkhoen | PIANOo | NL |
| Veit Jahns | BME and University of Duisburg-Essen | DE |
| Frank-Dieter Dorloff | BME and University of Duisburg-Essen | DE |
| Kerstin Wiss-Holmdahl | SFTI/SALAR | SE |
| Thomas Pettersson | SFTI | SE |
| Magnus Matts | SFTI/Kammarkollegiet | SE |
| Giovanni Paolo Sellitto | ANAC | IT |
| Ana Estelrich | Phast | FR |
| Cécile Guasch | DIGIT - European Commission | BE |
| Marius Juganaru | DIGIT - European Commission | BE |
| Marc Christopher Schmidt | DG GROWTH - European Commission | BE |
| Ole Madsen | DIGST | DK |
| Are Berg | Difi | NO |
| Jan Maeroe | Difi | NO |
| Pål Røynesdal | WNRHA | NO |
| Jerry Dimitriou | UPRC | GR |
| Panagiotis Nicolaou | UPRC | GR |
| Isabella Rapisarda | Consip | IT |
| Samuel Dupont | DILA | FR |
| Sacha Lauzanne | DILA | FR |
| Natalie Muric | The Publications Office of the European Union | LU |
| Claire Noël | The Publications Office of the European Union | LU |
| Christoph Karich | eVergabe | DE |
| Tom Hombergs | eVergabe | DE |
| Laszlo Ketszeri | KELER | HU |

This document was edited by:

| **Name** | **Role** | **Country** |
| --- | --- | --- |
| Oriol Bausa | Technical Editor | ES |
| Georg Birgisson | Technical Editor | IS |
| Jostein Frømyr | Vice-Chair CEN/BII | NO |
| Fred van Blommestein | Technical Editor | NL |
| Yildiray Kabak | Technical Editor | TR |
| Edmund Gray | Technical Editor | EI |
| Carmen Ciciriello | Technical Editor | IT |

**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 Trdm045 Tender Reception Notification using the UBL 2.1 Tender Receipt 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/trdm045/ubl/schematron/.

Chapter 8 gives an overview of a use case, with reference to the associated example file that can be found in http://www.cenbii.eu/trdm040/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** |
| Attachment Description Code | UN/ECE |  | cbc:DocumentTypeCode | UNCL1001 |

## Identifier Schemes

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

## Process Control

### Specification identification / CustomizationID

Identifies the specification containing the complete set of rules regarding semantic content, cardinalities and business rules to which the data contained in the instance document conforms to.

Value used for all profiles:

* urn:www.cenbii.eu:transaction:biitrdm045: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
* Profile 53: urn:www.cenbii.eu:profile:bii53:ver3.0
* Profile 54: urn:www.cenbii.eu:profile:bii54:ver3.0

# Descriptions of selected parts of the document

## Parties

### Economic operator

The economic operator is the party submitting the tender and the recipient of the tender reception notification, 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.

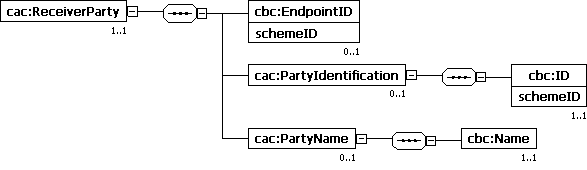


Figure 1 Economic operator

Economic operator is represented in UBL 2.1 using the cac:ReceiverParty class, as can be seen in the example below:

<cac:ReceiverParty>  
 <cbc:EndpointID schemeID="GB:VAT">GB999 9999 73</cbc:EndpointID>  
 <cac:PartyIdentification>  
 <cbc:ID schemeID="GB:VAT">GB999 9999 73</cbc:ID>  
 </cac:PartyIdentification>  
 <cac:PartyName>  
 <cbc:Name>Economic Operator Inc.</cbc:Name>  
 </cac:PartyName>  
 </cac:ReceiverParty>

### Contracting Body

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

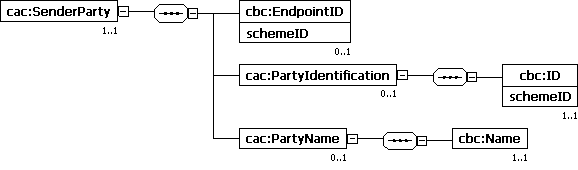


Figure 2 Contracting party

The contracting body is represented in UBL 2.1 using the cac:SenderParty:

<cac:SenderParty>  
 <cbc:EndpointID schemeID="NO:ORGNR">123456789</cbc:EndpointID>  
 <cac:PartyIdentification>  
 <cbc:ID schemeID="NO:ORGNR">123456789</cbc:ID>  
 </cac:PartyIdentification>  
 <cac:PartyName>  
 <cbc:Name>Contracting Body AS</cbc:Name>  
 </cac:PartyName>  
 </cac:SenderParty>

## Date and time

In the tender reception notification, both the issue date/time and the registered date/time must be sent.

Issue date and received date are both 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 and received time are both 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

The registered date and time are the times where the tender was actually received and its delivery was registered while the issue date and time refer to the issuance of the tender receipt notification.

The issue time and registered time must specify the time zone.

<cbc:IssueDate>2015-10-09</cbc:IssueDate>

<cbc:IssueTime>12:23:03Z</cbc:IssueTime>

<cbc:RegisteredDate>2015-10-09</cbc:RegisteredDate>

<cbc:RegisteredTime>11:12:32Z</cbc:RegisteredTime>

## Tender document reference

The tender reception notification contains the reference to the tender document sent by the economic operator. The contracting authority should refer to the tender by using the document hash and the hash algorithm method used.

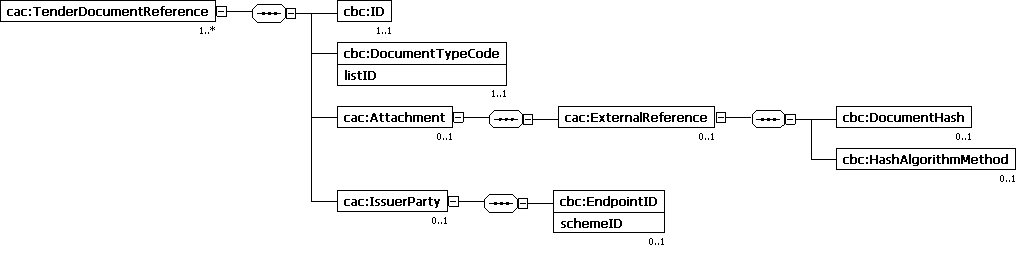


Figure Tender document referent

The example below depicts a reference to the tender file named Tender2123.xml. The hash value an hash algorithm of the tender are provided.

<cac:TenderDocumentReference>  
 <cbc:ID>Tender2123.xml</cbc:ID>  
 <cbc:DocumentTypeCode listID="UNCL1001">23</cbc:DocumentTypeCode>

<cac:Attachment>  
 <cac:ExternalReference>  
 <cbc:DocumentHash>lsjdfsi3o9742374jflksdjflsjflsjfow398</cbc:DocumentHash>

<cbc:HashAlgorithmMethod>SHA-1</cbc:HashAlgorithmMethod>  
 </cac:ExternalReference>  
 </cac:Attachment>  
 </cac:TenderDocumentReference>

# Document structure and information content

## Document structure

The table below describes the mapping from the UBL Tender Receipt document to the BII Trdm045 Tender Reception Notification information requirements.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **Occurrence** | | **Element/Attribute** **BII Business Term** **Business req.**  **Path** | | | | |
|  | | | | | | | | |
|  |  | | **TenderReceipt** | | | | | |
|  | 0 **..** 1 | |  | | **cbc:UBLVersionID** | | | |
|  | 1 **..** 1 | |  | | **cbc:CustomizationID** **Specification identification** **tir45-006** | | | |
|  | 1 **..** 1 | |  | | **cbc:ProfileID** **Business process type identifier** **tir45-005** | | | |
|  | 1 **..** 1 | |  | | **cbc:ID** **Document identifier** **tir45-001** | | | |
|  | 1 **..** 1 | |  | | **cbc:ContractFolderID** **Reference number** **tir45-018** | | | |
|  | 1 **..** 1 | |  | | **cbc:IssueDate** **Document issue date** **tir45-002** | | | |
|  | 1 **..** 1 | |  | | **cbc:IssueTime** **Document issue time** **tir45-003** | | | |
|  | 0 **..** 1 | |  | | **cbc:ContractName** **Procurement project description** **tir45-019** | | | |
|  | 1 **..** 1 | |  | | **cbc:RegisteredDate** **Document reception date** **tir45-022** | | | |
|  | 1 **..** 1 | |  | | **cbc:RegisteredTime** **Document reception time** **tir45-023** | | | |
|  | **1** **..** **unbounded** | |  | | **cac:TenderDocumentReference** **Received document reference** | | | |
|  | 1 **..** 1 | |  | | | **cbc:ID** **Document identifier** **tir45-016** | | |
|  | 1 **..** 1 | |  | | | **cbc:DocumentTypeCode** **Document type code** **tir45-017** | | |
|  | **0** **..** **1** | |  | | | **cac:Attachment** | | |
|  | **0** **..** **1** | |  | | | | **cac:ExternalReference** | |
|  | 0 **..** 1 | |  | | | | | **cbc:DocumentHash** **Document digest** **tir45-021** |
|  | 0 **..** 1 | |  | | | | | **cbc:HashAlgorithmMethod** **Document digest method code** **tir45-024** |
|  | **0** **..** **1** | |  | | | **cac:IssuerParty** | | |
|  | 0 **..** 1 | |  | | | | **cbc:EndpointID** **Issuing system identification** **tir45-020** | |
|  | **1** **..** **1** | |  | | **cac:SenderParty** **Contracting body** | | | |
|  | 0 **..** 1 | |  | | | **cbc:EndpointID** **Contracting body electronic address** **tir45-009**  **identifier** | | |
|  | **0** **..** **1** | |  | | | **cac:PartyIdentification** | | |
|  | 1 **..** 1 | |  | | | | **cbc:ID** **Contracting body identifier** **tir45-008** | |
|  | **0** **..** **1** | |  | | | **cac:PartyName** | | |
|  | 1 **..** 1 | |  | | | | **cbc:Name** **Contracting body name** **tir45-007** | |
|  | **1** **..** **1** | |  | | **cac:ReceiverParty** **Economic operator** | | | |
|  | 0 **..** 1 | |  | | | **cbc:EndpointID** **Economic operator electronic** **tir45-012**  **address identifier** | | |
|  | **0** **..** **1** | |  | | | **cac:PartyIdentification** | | |
|  | 1 **..** 1 | |  | | | | **cbc:ID** **Economic operator identifier** **tir45-011** | |
|  | **0** **..** **1** | |  | | | **cac:PartyName** | | |
|  | 1 **..** 1 | |  | | | | **cbc:Name** **Economic operator name** **tir45-010** | |

## Document guideline

Detailed description of the mapping between the UBL Tender Receipt and the BII Trdm045 Tender Reception Notification information requirement model.

| **Element/Attribute** | | | | | **Description** | **Usage/Rules/Code lists** |
| --- | --- | --- | --- | --- | --- | --- |
|  | | | | |  |  |
| **TenderReceipt** | | | | | **Type** TenderReceiptType |  |
|  | **cbc:UBLVersionID** | | | | **Occurrence** 0 **..** 1  **Type** cbc:UBLVersionIDType | **Rules** BII3-T45-R015 |
|  | **cbc:CustomizationID** | | | | **Occurrence** 1 **..** 1  **Type** cbc:CustomizationIDType  **Info req.ID** tir45-006 | **BII Mapping** **TenderReceptionNotification/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-T45-R009 |
|  | **cbc:ProfileID** | | | | **Occurrence** 1 **..** 1  **Type** cbc:ProfileIDType  **Info req.ID** tir45-005 | **BII Mapping** **TenderReceptionNotification/Process control/**  **Business process type identifier**  **BII Usage** *Identifies the business process context in which the*  *transaction appears.*    **Rules** BII3-T45-R010 |
|  | **cbc:ID** | | | | **Occurrence** 1 **..** 1  **Type** cbc:IDType  **Info req.ID** tir45-001  **Bus req.ID** tbr45-001 | **BII Mapping** **TenderReceptionNotification/Document identifier**  **BII Usage** *Identifier of a document*  *The identifier enables positive referencing the document*  *instance for various purposes including referencing*  *between transactions that are part of the same process.*    **Rules** BII3-T45-R001 |
|  | **cbc:ContractFolderID** | | | | **Occurrence** 1 **..** 1  **Type** cbc:ContractFolderIDType  **Info req.ID** tir45-018  **Bus req.ID** tbr45-005 | **BII Mapping** **TenderReceptionNotification/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-T45-R007 |
|  | **cbc:IssueDate** | | | | **Occurrence** 1 **..** 1  **Type** cbc:IssueDateType  **Info req.ID** tir45-002  **Bus req.ID** tbr45-001 | **BII Mapping** **TenderReceptionNotification/Document issue date**  **BII Usage** *Date when the referred document was issued.*    **Rules** BII3-T45-R002 |
|  | **cbc:IssueTime** | | | | **Occurrence** 1 **..** 1  **Type** cbc:IssueTimeType  **Info req.ID** tir45-003  **Bus req.ID** tbr45-001 | **BII Mapping** **TenderReceptionNotification/Document issue time**  **BII Usage** *Time when the document was issued.*  **Rules** BII3-T45-R003 |
|  | **cbc:ContractName** | | | | **Occurrence** 0 **..** 1  **Type** cbc:ContractNameType |  |
|  | **cbc:RegisteredDate** | | | | **Occurrence** 1 **..** 1  **Type** cbc:RegisteredDateType  **Info req.ID** tir45-022  **Bus req.ID** tbr45-002 | **BII Mapping** **TenderReceptionNotification/Document reception**  **date**  **BII Usage** *Date when the referred document was received.*    **Rules** BII3-T45-R011 |
|  | **cbc:RegisteredTime** | | | | **Occurrence** 1 **..** 1  **Type** cbc:RegisteredTimeType  **Info req.ID** tir45-023  **Bus req.ID** tbr45-002    **XML Note** Must be defined using the timezone. | **BII Mapping** **TenderReceptionNotification/Document reception**  **time**  **BII Usage** *The time at which the referenced document was*  *received by the sender of the response.*    **Rules** BII3-T45-R017 and BII3-T45-R012 |
|  | ***cac:TenderDocumentReference*** | | | | **Occurrence** 1 **..** unbounded  **Type** cac:DocumentReferenceType | ***Rules*** *BII3-T45-R008* |
|  | | **cbc:ID** | | | **Occurrence** 1 **..** 1  **Type** cbc:IDType  **Info req.ID** tir45-016  **Bus req.ID** tbr45-005 | **BII Mapping** **TenderReceptionNotification/Received document**  **reference/Document identifier**  **BII Usage** *Identifier of a document*    **Rules** BII3-T45-R013 |
|  | | **cbc:DocumentTypeCode** | | | **Occurrence** 1 **..** 1  **Type** cbc:DocumentTypeCodeType  **Info req.ID** tir45-017  **Bus req.ID** tbr45-005 | **BII Mapping** **TenderReceptionNotification/Received document**  **reference/Document type code**  **BII Usage** *A code specifying the type of the document.*  **Code List ID:** Constrained by the document type code list UNCL1001    **Rules** BII3-T45-R014 and CL-T45-R001 |
|  | | | *listID* | | *Type* *xs:normalizedString*  *Use* *required* | *Rules* *BII3-T45-R016* |
|  | | ***cac:Attachment*** | | | **Occurrence** 0 **..** 1  **Type** cac:AttachmentType |  |
|  | | | ***cac:ExternalReference*** | | **Occurrence** 0 **..** 1  **Type** cac:ExternalReferenceType |  |
|  | | | | **cbc:DocumentHash** | **Occurrence** 0 **..** 1  **Type** cbc:DocumentHashType  **Info req.ID** tir45-021  **Bus req.ID** tbr45-007 | **BII Mapping** **TenderReceptionNotification/Received document**  **reference/Document digest**  **BII Usage** *Digest of the document.* |
|  | | | | **cbc:HashAlgorithmMethod** | **Occurrence** 0 **..** 1  **Type** cbc:HashAlgorithmMethodType  **Info req.ID** tir45-024  **Bus req.ID** tbr45-007 | **BII Mapping** **TenderReceptionNotification/Received document**  **reference/Document digest method code**  **BII Usage** *Code that indicates the algorithm used to calculate the*  *hash.* |
|  | | ***cac:IssuerParty*** | | | **Occurrence** 0 **..** 1  **Type** cac:PartyType |  |
|  | | | **cbc:EndpointID** | | **Occurrence** 0 **..** 1  **Type** cbc:EndpointIDType |  |
|  | | | | *schemeID* | *Type* *xs:normalizedString*  *Use* *required* |  |
|  | ***cac:SenderParty*** | | | | **Occurrence** 1 **..** 1  **Type** cac:PartyType | ***Rules*** *BII3-T45-R005* |
|  | | **cbc:EndpointID** | | | **Occurrence** 0 **..** 1  **Type** cbc:EndpointIDType  **Info req.ID** tir45-009  **Bus req.ID** tbr45-001 | **BII Mapping** **TenderReceptionNotification/Contracting body/**  **Contracting body electronic address identifier**  **BII Usage** *Electronic address of the contracting body.* |
|  | | | *schemeID* | | *Type* *xs:normalizedString*  *Use* *required* |  |
|  | | ***cac:PartyIdentification*** | | | **Occurrence** 0 **..** 1  **Type** cac:PartyIdentificationType |  |
|  | | | **cbc:ID** | | **Occurrence** 1 **..** 1  **Type** cbc:IDType  **Info req.ID** tir45-008  **Bus req.ID** tbr45-001 | **BII Mapping** **TenderReceptionNotification/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* *required* |  |
|  | | ***cac:PartyName*** | | | **Occurrence** 0 **..** 1  **Type** cac:PartyNameType |  |
|  | | | **cbc:Name** | | **Occurrence** 1 **..** 1  **Type** cbc:NameType  **Info req.ID** tir45-007  **Bus req.ID** tbr45-001 | **BII Mapping** **TenderReceptionNotification/Contracting body/**  **Contracting body name**  **BII Usage** *The name of the contracting body as it is registered.* |
|  | ***cac:ReceiverParty*** | | | | **Occurrence** 1 **..** 1  **Type** cac:PartyType | ***Rules*** *BII3-T45-R006* |
|  | | **cbc:EndpointID** | | | **Occurrence** 0 **..** 1  **Type** cbc:EndpointIDType  **Info req.ID** tir45-012  **Bus req.ID** tbr45-001 | **BII Mapping** **TenderReceptionNotification/Economic operator/**  **Economic operator electronic address identifier**  **BII Usage** *Electronic address of the economic operator.*  *A response may contain the party electronic address.*  *The address can be of any format and the format should*  *be identified in the message.* |
|  | | | *schemeID* | | *Type* *xs:normalizedString*  *Use* *required* |  |
|  | | ***cac:PartyIdentification*** | | | **Occurrence** 0 **..** 1  **Type** cac:PartyIdentificationType |  |
|  | | | **cbc:ID** | | **Occurrence** 1 **..** 1  **Type** cbc:IDType  **Info req.ID** tir45-011  **Bus req.ID** tbr45-001 | **BII Mapping** **TenderReceptionNotification/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* *required* |  |
|  | | ***cac:PartyName*** | | | **Occurrence** 0 **..** 1  **Type** cac:PartyNameType |  |
|  | | | **cbc:Name** | | **Occurrence** 1 **..** 1  **Type** cbc:NameType  **Info req.ID** tir45-010  **Bus req.ID** tbr45-001 | **BII Mapping** **TenderReceptionNotification/Economic operator/**  **Economic operator name**  **BII Usage** *The name of the economic operator.* |

# Information Requirement Model to UBL mapping

The table below describes the reverse mapping from the Trdm045 Tender Reception Notification to the UBL Tender Receipt document.

| **No** | **Length** | **Occurrence** | **Element** | **Length** | **Occurrence** | **Element** |
| --- | --- | --- | --- | --- | --- | --- |
| 001 |  | 1 **..** 1 | **Document identifier**  *Path:*  TenderReceptionNotification/Document identifier |  | 1 **..** 1 | **cbc:ID**  *Path:*  TenderReceipt/cbc:ID |
| 002 |  | 1 **..** 1 | **Reference number**  *Path:*  TenderReceptionNotification/Reference number |  | 1 **..** 1 | **cbc:ContractFolderID**  *Path:*  TenderReceipt/cbc:ContractFolderID |
| 003 |  | 1 **..** 1 | **Document issue date**  *Path:*  TenderReceptionNotification/Document issue date |  | 1 **..** 1 | **cbc:IssueDate**  *Path:*  TenderReceipt/cbc:IssueDate |
| 004 |  | 1 **..** 1 | **Document issue time**  *Path:*  TenderReceptionNotification/Document issue time |  | 1 **..** 1 | **cbc:IssueTime**  *Path:*  TenderReceipt/cbc:IssueTime |
| 005 |  | 1 **..** 1 | **Document reception date**  *Path:*  TenderReceptionNotification/Document reception date |  | 1 **..** 1 | **cbc:RegisteredDate**  *Path:*  TenderReceipt/cbc:RegisteredDate |
| 006 |  | 1 **..** 1 | **Document reception time**  *Path:*  TenderReceptionNotification/Document reception time |  | 1 **..** 1 | **cbc:RegisteredTime**  *Path:*  TenderReceipt/cbc:RegisteredTime |
| 007 |  | 0 **..** 1 | **Procurement project description**  *Path:*  TenderReceptionNotification/Procurement project  description |  | 0 **..** 1 | **cbc:ContractName**  *Path:*  TenderReceipt/cbc:ContractName |
| 008 |  | 0 **..** 1 | **Issuing system identification**  *Path:*  TenderReceptionNotification/Issuing system identification |  | 0 **..** 1 | **cbc:EndpointID**  *Path:*  TenderReceipt/cac:TenderDocumentReference/cac:  IssuerParty/cbc:EndpointID |
| 009 |  | 1 **..** 1 | **Business process type identifier**  *Path:*  TenderReceptionNotification/Process control/Business  process type identifier |  | 1 **..** 1 | **cbc:ProfileID**  *Path:*  TenderReceipt/cbc:ProfileID |
| 010 |  | 1 **..** 1 | **Specification identification**  *Path:*  TenderReceptionNotification/Process control/Specification  identification |  | 1 **..** 1 | **cbc:CustomizationID**  *Path:*  TenderReceipt/cbc:CustomizationID |
| 011 |  | 0 **..** 1 | **Contracting body name**  *Path:*  TenderReceptionNotification/Contracting body/  Contracting body name |  | 1 **..** 1 | **cbc:Name**  *Path:*  TenderReceipt/cac:SenderParty/cac:PartyName/cbc:  Name |
| 012 |  | 0 **..** 1 | **Contracting body identifier**  *Path:*  TenderReceptionNotification/Contracting body/ |  | 1 **..** 1 | **cbc:ID**  *Path:*  TenderReceipt/cac:SenderParty/cac:PartyIdentification/ |
|  |  |  | Contracting body identifier |  |  | cbc:ID |
| 013 |  | 0 **..** 1 | **Contracting body electronic address identifier**  *Path:*  TenderReceptionNotification/Contracting body/  Contracting body electronic address identifier |  | 0 **..** 1 | **cbc:EndpointID**  *Path:*  TenderReceipt/cac:SenderParty/cbc:EndpointID |
| 014 |  | 0 **..** 1 | **Economic operator identifier**  *Path:*  TenderReceptionNotification/Economic operator/  Economic operator identifier |  | 1 **..** 1 | **cbc:ID**  *Path:*  TenderReceipt/cac:ReceiverParty/cac:  PartyIdentification/cbc:ID |
| 015 |  | 0 **..** 1 | **Economic operator name**  *Path:*  TenderReceptionNotification/Economic operator/  Economic operator name |  | 1 **..** 1 | **cbc:Name**  *Path:*  TenderReceipt/cac:ReceiverParty/cac:PartyName/cbc:  Name |
| 016 |  | 0 **..** 1 | **Economic operator electronic address identifier**  *Path:*  TenderReceptionNotification/Economic operator/  Economic operator electronic address identifier |  | 0 **..** 1 | **cbc:EndpointID**  *Path:*  TenderReceipt/cac:ReceiverParty/cbc:EndpointID |
| 017 |  | 1 **..** 1 | **Document identifier**  *Path:*  TenderReceptionNotification/Received document  reference/Document identifier |  | 1 **..** 1 | **cbc:ID**  *Path:*  TenderReceipt/cac:TenderDocumentReference/cbc:ID |
| 018 |  | 1 **..** 1 | **Document type code**  *Path:*  TenderReceptionNotification/Received document  reference/Document type code |  | 1 **..** 1 | **cbc:DocumentTypeCode**  *Path:*  TenderReceipt/cac:TenderDocumentReference/cbc:  DocumentTypeCode |
| 019 |  | 0 **..** 1 | **Document digest**  *Path:*  TenderReceptionNotification/Received document  reference/Document digest |  | 0 **..** 1 | **cbc:DocumentHash**  *Path:*  TenderReceipt/cac:TenderDocumentReference/cac:  Attachment/cac:ExternalReference/cbc:DocumentHash |
| 020 |  | 0 **..** 1 | **Document digest method code**  *Path:*  TenderReceptionNotification/Received document  reference/Document digest method code |  | 0 **..** 1 | **cbc:HashAlgorithmMethod**  *Path:*  TenderReceipt/cac:TenderDocumentReference/cac:  Attachment/cac:ExternalReference/cbc:  HashAlgorithmMethod |

## Missing information requirements

There are no missing information requirements when using the UBL 2.1 Tender document type.

# Schematron files

All the Schematron files can be found in: http://www.cenbii.eu/trdm045/ubl/schematron/semantics/

|  |  |  |
| --- | --- | --- |
|  | Filename | Description |
| Main | BIIRULES-UBL-T45.sch | Main file used to bundle the different Schematron parts. |
| Abstract | abstract/BIIRULES-T45.sch | Abstract business rules. |
| CodeList | codelist/BIIRULESCodesT45-UBL.sch | Rules related to code lists. |
| UBL Binding | UBL/BIIRULES-UBL-T45.sch | Syntax binding using XPATH expressions. |

# Sample XML files

## Use case 1, trdm045 tender receipt notification

|  |  |
| --- | --- |
| Use Case number | 1 |
| Use Case Name | Simple tender receipt |
| Use Case Description | In this scenario the transaction is used in profile 54 – Tendering, where all tender documents are given in unstructured attachments. This use case is a receipt message corresponding to a submitted tender. |
| Parties involved | Economic operator  Contracting body |
| Assumptions | Tender metadata contains   * Reference to call for tender * Reference to tender document * Registered date and time with time zone * Information about the parties. |
| The flow | The contracting body sends a tender receipt to the economic operator as a response to a previously submitted tender. |
| XML example file | http://www.cenbii.eu/trdm045/ubl/example/UseCase1-trdm045.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)