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CEN/WS/BII2

BII35 - Tendering Simple with Catalogue

PROFILE

DRAFT

Business Domain: Pre award procurement

Business Process: Tendering – Awarding

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Document Summary

The Tendering simple with Catalogue profile describes a process providing electronic messaging support for the business process of Tendering with a pre-award catalogue. It is intended for use by businesses in order to present a tender that fulfils the requirements of a Call for Tender document in a tendering process. The Tender includes a pre-award Catalogue.

The key aspects covered by this profile are:

- The submitting of a Tender with catalogue information in response to a Call for Tender as part of an open, negotiate or restricted tendering procedure or dynamic purchasing systems.
- A receipt from a Contracting Authority to an Economic operator confirming that a tender has been received and when.

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1 Introduction

This profile is a deliverable of the CEN ISSS BII2 workshop.

The original CEN Workshop on **Business Interoperability Interfaces for public procurement in Europe** (CEN ISSS BII) was concluded in December 2009, and its results, including a set of profiles, were issued as **CWA 16073:2010**. The objective of the second phase of the workshop – CEN WS/BII2 – was to provide a framework for interoperability in pan-European electronic procurement transactions, expressed as a set of requirements and technical specifications. The requirements are input into UN/CEFACT and the specifications are compatible with UN/CEFACT in order to ensure global interoperability.

Based on user input the CEN WS/BII2 has reviewed and updated a number of the profiles published as part of CWA 16073:2010. One of the updated profiles is profile BII22 that describes the Call for Tender process. This version 2 of BII22 – Call for tender is an updated version of the original BII22 profile. The update is not strictly upward compatible. See the BII document on Versioning and Change Management Policy for definition of upward compatibility in BII workshop documents.

1.1 CEN WS/BII2 profiles

A CEN WS/BII2 profile description is a technical specification describing

- the choreography of the business process covered, i.e. a detailed description of the way the business partners collaborate to play their respective roles and share responsibilities to achieve mutually agreed goals with the support of their respective information systems,
- the electronic business transactions exchanged as part of the business process, with their information requirements, and the sequence in which these transactions are exchanged,
- the business rules governing the execution of that business process, as well as any constraints on information elements used in the transaction data models

The profiles focus on the standardization on the organisational and semantics interoperability levels rather than on syntax or technical interoperability levels. Consequently the business transactions within a profile can be structured based on different message standards/syntax as long it can carry all the necessary information elements.

Although the profile descriptions and transaction data models provided by CEN WS/BII2 are neutral of syntax, the workshop also published specifications of how its data models may be mapped to defined syntaxes. This is done in order provide implementable specifications.

The main focus of the profile description and the associated transaction data models is to address generally expressed business requirements, applicable throughout the European market. Although the profile description is designed to meet generally expressed requirements, it is still the responsibility of the users to ensure that the actual business transactions exchanges meets all the legal, fiscal and commercial requirements relevant to their business.

1.2 CEN WS/BII2 Pre award support

The BII workshop has developed a set of profiles to support interoperability in the pre and post award areas. The scope of BII2 is public procurement but the profiles apply as well to private trade since many private customers use tendering as good business practice. In those cases official Notification of calls and contracts is often not applicable.

The scope of BII2 pre award profiles include processes that support communication of qualifications, calls for tender with and without catalogue templates, tenders with and without catalogues and contract notices. During these processes additional information need to be exchanged between Contracting Authorities and economic operators, such as questions and answers and documents supporting a final guarantee. These sub processes are currently out of scope for the workshop.

The set of BII profiles for supporting the pre award area are:

	<i>Profile</i>	<i>Process</i>	<i>Transactions</i>	<i>Version</i>
BII11	Qualification	eTendering	Qualification Qualification Reception Notification	BII2
BII12	Tendering Simple	eTendering	Tender Tender Reception Notification	BII2
BII22	Call for Tender	eTendering	Call for Tender	BII2
BII10	Tender Notification	eNotification	Publication Request Notice Publication Response Publication Correction Request Publication Confirmation	BII2
BII34	Call for Tender with Catalogue Template	eTendering	Call for Tender Pre-award Catalogue Template	BII2
BII35	Tendering Simple with Catalogue	eTendering	Tender Tender Reception Notification Pre-award catalogue	BII2

1.3 Implementation, conformance and customization

CEN WS/BII2 profiles define the core functionality that is required in order to achieve interoperability for the business processes that are covered. Parties, claiming conformance to a CEN WS/BII2 profile must be capable of:

- Processing all non-optional transactions that are defined in the profile
- Sending all mandatory elements within the transactions
- Processing all elements within the transactions they receive

Parties may agree bilaterally or within certain communities to extend the core set of information elements, or to adapt their cardinality. This extension mechanism is described in the BII Technical Guideline: BII conformance and customization, which is annexed to CEN CWxxxx0.

In order to implement a profile, the transactions are to be represented in some syntax. Syntax representation is outside the scope of the profiles; however, the mapping of the profile transactions to UBL 2.0 and to UN/CEFACT has been described. In the profiles, reference is made to technical documents such as XML schemas, Schematron files and example messages to support technical implementation.

Implementations of the profiles may be validated by means of tools and supporting material, as described in the BII Technical Guideline: BII implementation and use of validation artefacts, annexed to CEN CWxxxx0. More background information and support material can be found on the CEN WS/BII2 website <http://www.cenbii.eu/>.

2 Business environment

2.1 Introduction

Individual Pre awarding processes can be followed using different procedures. In open procedures, economic operators request access to contract documents (including the call for tender). Restricted, negotiated and competitive dialogue procedures require Contracting Authorities to invite the candidates to the tendering process and to send them the contract documents (including the call for tender). Negotiated procedures require sending the invitation to tender to the selected candidates.

2.2 Objectives

The main business benefits to be gained by implementing this profile are:

1. The profile is a basis for an EDI agreement between the parties and enables trading partners to communicate without a previous bi-lateral setup or agreements.
2. The profile allows an Economic Operator to (semi)automatically generate a tender based on the information defined in Call for Tender documents.
3. The Tender includes information about an electronic catalogue, based on the structure of a catalogue template that was included in the Call for Tender.
4. An Economic Operator has more business opportunities because he can present Tenders to more contracts.
5. Electronic delivery of the Tender allows automated tender processing by Contracting Authorities and facilitates Tender evaluation and awarding.
6. Automated matching of the Tender with the Call for Tender document eliminates human keying errors and facilitates redeployment of resources.
7. Automated matching of the Tender with the Call for Tender document allows for automatic tender evaluation.
8. Automated matching of the Tender with the Call for Tender document allows for automated qualification of Economic Operators.
9. Tendering automation offers the potential for automatic awarding of contracts.
10. The electronic catalogue may be imported in the procurement system of the contracting authority, and be used for ordering after awarding.
11. For Economic Operators tenders are transferred faster.
12. Standard mechanisms facilitate secure and reliable tender presentation.

2.3 Scope

This profile supports a process of submitting a tender by an Economic Operator to a Contracting Authority. It is intended to support transmission of electronic documents for processing in semi automated processes by the receiver. The legal requirements that were taken into account are requirements from European legislation, in particular the EU directives, mentioned in section 6 of this profile. The intended scope for this profile includes Business to Business (B2B) and Business to Government (B2G) relations, with a focus on B2G.

The transactions, specified in this profile are intended to be exchanged between the application systems of economic operators and Contracting Authorities. This means that it is expected that the parties have connected their systems to the internet, and that they have middleware in place to enable them to send and receive the transactions in a secure way, using an agreed syntax.

The content model of the transactions can also be used in procurement platforms or portals, so that these platforms as well as procurement systems of Economic Operators and Contracting Authority are based on the same information and process models, which makes them more interoperable. Even if platforms are not

technically interoperable, the content model facilitates understanding the tendering documents and to participate in the tendering process.

2.4 Tendering procedures

Article 28 to 34 from Directive 2004/18/EC and article 40 from Directive 2004/17/EC describe the different tendering procedures used by Contracting Authorities. By focusing on the exchange of information steps three abstract process models remain: Open procedure, Restricted procedure and Award of a contract without a prior publication of a contract notice.

The Open procedure

This procedure starts with the publication of a Contract notice. Economic operators have access to the notice and the contract documents. The contract authority provides the Call-For-Tender to all interested economic operators. After preparing the tenders, all economic operators submit their qualification and tender documents. The contracting authority evaluates all tenders and awards the contract to the winning economic operator. The procedure ends by the publication of the Award of a contract.

The Restricted procedure

This procedure starts with the publication of a Contract notice. Economic operators have access to the notice and the contract documents. The contract authority provides the Call-For-Tender to all interested economic operators. Based on the Call-For-Tender all economic operators submit their qualification documents first. The contracting authority evaluates the economic operators and invites only the selected ones to submit their tender. After preparing the tenders, the invited economic operators submit their tender documents. The contracting authority evaluates all tenders and awards the contract to the winning economic operator. The procedure ends by the publication of the Award of a contract.

This process covers the procedures Competitive dialog and Negotiated procedure with a call for competition as well. The actual dialog or negotiation will most likely not be standardized and is therefore not in scope of this model.

Award of a contract without a prior publication of a contract notice

This procedure starts with the invitation to selected economic operators to submit their tenders. The contract authority provides the Call-For-Tender to these economic operators. After preparing the tenders, the invited economic operators submit their qualification and tender documents. The contracting authority evaluates all tenders and awards the contract to the winning economic operator. To provide maximum transparency the contracting authority may publish the Voluntary ex ante transparency notice two weeks before the actual Award of a contract.

This process covers the Negotiated procedure without a call for competition as well. The actual negotiation will most likely not be standardized and is therefore not in scope of this model.

e-Notification

Official notification through publishing bodies is part of all procedures. The process of e-Notification is described in a separate BII profile document: BII10: Tender Notification.

3 Requirements

3.1 Process requirements

The Economic operator provides an electronic Tender that can be received and processed by the Contracting Authority. The Contracting Authority sends an electronic Tender Receipt as legal proof of reception to the Economic operator, confirming the date and time of reception.

A Tender may refer to an individual contract, regardless of being a works, supplies or services contract. A Tender must refer to a Call for Tender to facilitate automatic evaluation.

It is the responsibility of the Economic Operator that data contained in the tender transaction is valid from a technical as well as a business point of view. By definition, it is the task of the Economic Operator to gather and to compile the data for the tender. It is the responsibility of the Contracting Authority to confirm receipt of the tender and to compile the received information into a tender with catalogue.

The Tender submission as described in this profile includes detailed catalogue information. Tenders that are not to include catalogues are described in profile BII12.

3.2 Tendering information requirements

3.2.1 Tender Submission Transaction business requirements

Contract identification

ID	Requirement
tbr44-001	The tender MUST contain the administrative identification of the contract award process. This information should be copied from the Call For Tenders. A unique ID is needed to establish the relation between all the documents in the process, and the awarding procedure by all the actors involved.

Contracting authority

ID	Requirement
tbr44-002	The information about the contracting party MUST be included in the tender document. This information should be copied from the Call For Tenders. The information on the contracting authority is needed to identify the buyer.

Beneficiary

ID	Requirement
tbr44-003	The tender MAY include information about the beneficiary, if different from the contracting authority. This information should be copied from the Call For Tenders. In some cases, such as central purchasing bodies, the goods or services will not be used by the contracting authority, but by a different administrative unit.

Issue Date-Time

ID	Requirement
tbr44-004	The tender MUST contain the date and time when it was issued. Issue date and time are important data for tender validity.

Object of the contract

ID	Requirement
tbr44-005	The tender MAY contain a description of the object of the contract. This information should be copied from the Call For Tenders. It may be needed to have the description of the object of the contract in the tender for errors checking.

Tender Type

ID	Requirement
tbr44-006	The tender MAY indicate the kind of information contained (technical, economical, or both) as different processing should be applied in each case. Different documents with different kind of information may be submitted by the tenderer as the evaluation may be by different groups of tenderers.

Tenderers

ID	Requirement
tbr44-007	The information about the tenderer MUST be included in the Tender. The tenderer must be identified for the tender to be valid. The information system should be able to hide this information for evaluation purposes based on the anonymity of the tenderers.
tbr44-008	The information about the subcontractors MAY be included in the Tender. Ref. article 25 of the Directive 2004/18/EC. This information is mandatory in case there are subcontractors.

Offer

ID	Requirement
tbr44-009	The tender MUST contain the total amount of the tender and applicable taxes. Ref. article 53 of the Directive 2004/18/EC.

Deliverables

ID	Requirement
tbr44-010	The tender MAY contain table-structured information about the deliverables offered, with columns including detailed information such as quantities, unitary prices, features, etc. The structure of the tender should be generated based on the structure of deliverables in the call for tenders. Detailed information about the deliverables may be included in a structured way for automatic evaluation of the tender. This information about the deliverables may be imported from the catalogue of the tenderer, and included in the catalogue of the buyer. This information can be included in the contract award notice when the contract is awarded, as requested in annex VII A of the Directive 2004/18/EC.
tbr44-011	The information about a deliverable MAY include unitary prices, and take into account dependency on the location of delivery, or the quantity of items ordered. .
tbr44-012	The information about a deliverable MAY include information about the quantity of items offered, minimum or maximum number of items orderable, or the minimum increment in the number of items orderable.
tbr44-013	The list of offered deliverables MAY include different levels of aggregation.
tbr44-014	The information about a deliverable MAY include the total price of the deliverable, obtained as a product of quantities, unitary prices, etc.

Structured information for non economic awarding criteria

ID	Requirement
tbr44-015	The content of the offer concerning other awarding criteria different of price MAY be included in the tender following the criteria defined in the Call For Tenders. This would allow automatic evaluation of tenders following the awarding terms in the call for tenders. Ref. article 25 of the Directive 2004/18/EC.

Lots

ID	Requirement
tbr44-016	The tender MAY contain the offers for every lot. Article 9 of the Directive mentions the possibility to divide the contract in lots. Different lots may be awarded to different tenderers in the same award procedure.

Variants

ID	Requirement
tbr44-017	If variants are allowed, the tender MAY contain different variants. Ref. article 24 of the Directive 2004/18/EC.

Document references

ID	Requirement
tbr44-018	The tender MAY attach any additional document or external reference. Additional documents about the offered products may be attached to the tender such as images, non-structured documents, plans, schema, etc.

Tender validity period

ID	Requirement
tbr44-019	The tenderer MAY specify the period of the time during which the tender is valid. Ref. annex VII A of the Directive 2004/18/EC (information that must be included in the contract notices).

Signature

ID	Requirement
tbr44-020	The tender MAY be signed by the legal representatives of the economic operator. Ref. article 42.5 of the Directive 2004/18/EC. Member states may require an advanced electronic signature.

3.2.1 Pre-Award Catalogue Transaction business requirements

General

ID	Requirement
tbr69-060	The transaction must contain all information necessary for its application i.e. it shall not rely on the availability of external references such as a centralised repository of item information. No external data sources should be needed in order to ease the processing of a Pre-Award Catalogue.
tbr69-061	It must be possible to check the integrity and authentication of the information content and to audit these aspects of the content. It must be possible to check that the Pre-Award Catalogue is authentic.

Header

ID	Requirement
tbr69-001	A pre-award catalogue must be uniquely identifiable in a language-independent manner, to ensure that the Pre-Award Catalogue can be referenced, e.g., by an id. By using this id the Pre-Award Catalogue can be referenced in any other document, e.g., in a tender.
tbr69-007	A reference to the tender this Pre-Award Catalogue is a part of must be given., in order to support a tendering process by a formal and machine-process able specification of the tendered products and services. This allows the check, if a Pre-Award Catalogue refers the same tender as this Pre-Award Catalogue is send with.

Item

ID	Requirement
tbr69-008	An item in a Pre-Award Catalogue must be uniquely identifiable by at least one single language-independent token. This includes such id provided by the Economic Operator itself as well as id's coming from standard identification schemes, to ensure that the item can be referenced, e.g., in the order. The id can be used in the order, which makes it process able by the Economic Operator and helps to deliver the item that was ordered by the buyer.
tbr69-043	The CPV code for an item must always be specified. In tenders the CPV nomenclature is mandatory for EU countries. For some countries it is mandatory only in the notification process but in many other countries it may be also be relevant in a call for tender document.
tbr69-011	It must be possible to refer an item to the corresponding classes from one or more classification systems. Although, the CPV is mandatory there are many other classification systems, e.g., UNSPSC, eCI@ss, or GS1 GPC, that are, on the one side, widely used in practice, in particular in the industry, and on the other side have more features than CPV to describe products and services. By this requirement, it should possible to use these classification systems in addition to CPV.
tbr69-012	It must be possible to specify the semantic relationships with cardinalities between different items in the Pre-Award Catalogue. In particular, in must be possible to specify part-of relationships. Some items are not offered by an Economic Operator by their own. They are either only useful together with another item or refer in some manner to a specific item. Examples for such items are accessories belonging to and only applicable with another item or replacement items to replace broken components of an item.
tbr69-013	It must be possible to specify, if and how an item can be ordered. This includes allowed order sizes, minimal and maximal order sizes, etc. Due to restriction from the production process or to simplify or to limit the costs of the ordering and logistics process the order size is restricted. Thus, the buyer in the CA needs information to place a correct order that is not denied by the Economic Operator.
tbr69-016	It must be possible to specify how the delivered items will be packaged, to indicate from which number of ordered order units this package unit will be delivered.
tbr69-020	It must be possible to specify hazard indicators for an item by any indicator system. If an item can be a danger to people or the environment, so called hazardous goods, often legal requirements demand that such items have indicators to indicate the danger that came from these items. Furthermore, such items require special handling in the logistics process.
tbr69-021	It must be possible to specify logistic conditions and other needed service information on how the item will be delivered. This information is often needed for cross-border logistics processes, to define the work or services to be done for each package unit along the supply chain.
tbr69-024	It must be possible to specify the manufacturer of the item, in particular for the cases were the Economic Operator is different from the manufacturer of the item.
tbr69-025	It must be possible to specify how the item is priced. This includes factors that have influence on the price as well as relationships to other parts of the catalogue that maybe have impact on the price. The price is not always of fixed size, but depends on many other factors, e.g., order size, delivery region, allowance, charges, currency, etc.
tbr69-052	The price specification must allow comparing the prices of different items within the catalogue as well as across catalogues, to help the buyer to make the buying decision.
tbr69-054	It must be possible to specify the type of tax applicable to an item in a specific location, to indicate how much tax has to be paid by the Contracting Authority additional to the original item price. This is needed to support the buying decision, to show how much has to be paid in the end.
tbr69-036	It must be possible to provide information on the product marking, e.g., to indicate that environmental or social requirements on the item production are followed. Procurement manager in Contracting Authority need information about environmental marking applicable for a given item in order to ensure that environment, ecological, food safety and basic human rights are respected. On the other side, sales manager need to provide this kind of information, e.g., for marketing purposed.

ID	Requirement
tbr69-055	It must be possible to specify a description of the item or where such a description can be found, to provide a written text describing the item. This is helpful for the buyer to order the items fitting his needs best.
tbr69-056	It must be possible to specify keywords for an item, to support searching for an item by the buyer, so that the item can be found easier and faster that fits his needs best.

Item property

ID	Requirement
tbr69-026	It must be possible to specify any additional properties of the item, to allow to enhance the description of the item and to help the buyer to order the item the fits his needs best.
tbr69-027	It must be possible to refer an item property to any property from a product/service classification system, using standardized and predefined properties from accepted standards. Such predefined systems help to improve the description of an offered item, and thus helps the buyer to order the correct item, the item that fits his needs best.
tbr69-028	A specific value has to be specified for an item property, to specify the concrete value of the property that holds true for the item. This helps to ensure that the buyer in the Contracting Authority orders the item that fits his needs best.

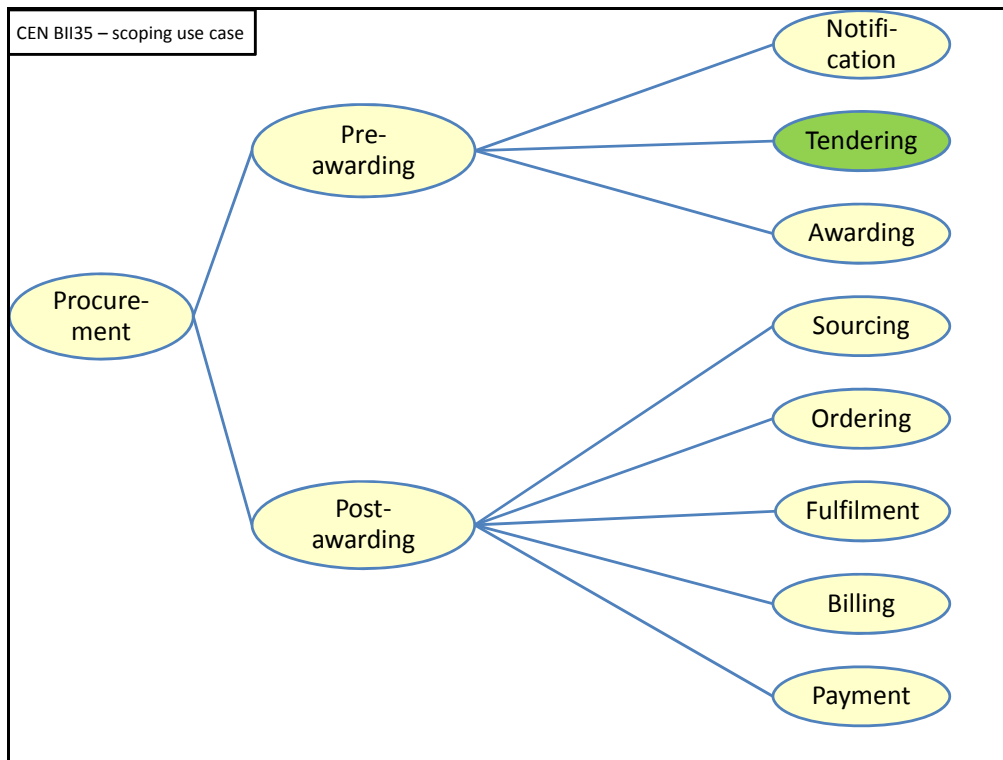
3.2.2 Tender Reception Notification Transaction business requirements

ID	Requirement
tbr70-001	The Tender Reception Notification MUST refer to the Tender document that was received
tbr70-002	The Tender Reception Notification MUST state the date and time the tender was received
tbr70-003	The Tender Reception Notification MUST NOT give an assessment on completeness or validity of the tender.
tbr70-004	In case the tender document was submitted simultaneously with the Qualification documents and/or the pre-award Catalogue document, the Tender Reception Notification MUST notify the reception of those documents as well.

4 Profile detailed description

4.1 Business processes in scope

Procurement is a complex domain with several key processes, some of which are illustrated in the following figure.



The Tendering Simple profile is part of the Tendering process, as highlighted in the above figure.

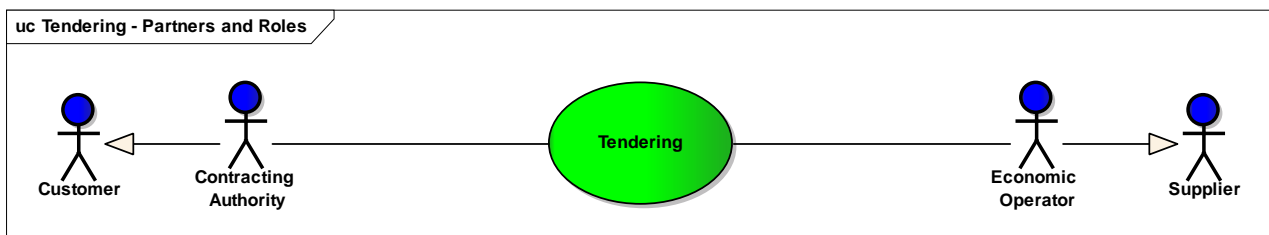
4.2 Roles involved

The following business partners participate in this profile, acting in the roles as defined below.

Business partner	Description
Customer	<p>The customer is the legal person or organization who is in demand of a product or service.</p> <p>Examples of customer roles: buyer, consignee, debtor, Contracting Authority.</p>
Supplier	<p>The supplier is the legal person or organization who provides a product or service.</p> <p>Examples of supplier roles: seller, consignor, creditor, economic operator.</p>

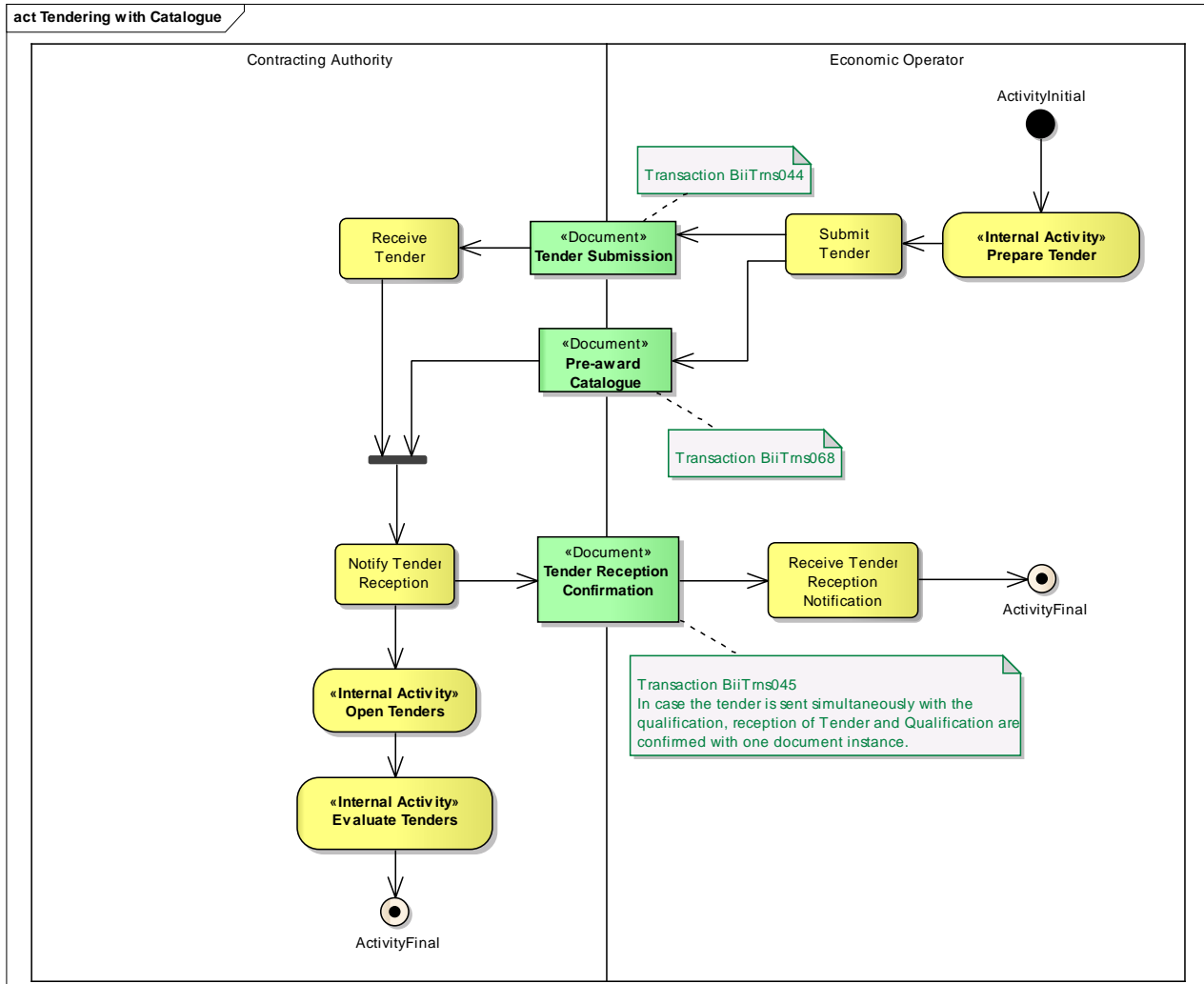
Role/actor	Description
Economic Operator	<p>The terms 'contractor', 'supplier' and 'service provider' mean any natural or legal person or public entity or group of such persons and/or bodies which offers on the market, respectively, the execution of works and/or a work, products or services.</p> <p>The term 'economic operator' shall cover equally the concepts of contractor, supplier and service provider. It is used merely in the interest of simplification.</p>
Contracting Authority	<p>'Contracting authorities' means the State, regional or local authorities, bodies governed by public law, associations formed by one or several of such authorities or one or more such bodies governed by public law.</p> <p>A 'body governed by public law' means bodies:</p> <ul style="list-style-type: none"> (a) established for the specific purpose of meeting needs in the general interest, not having an industrial or commercial character; (b) having legal personality; and (c) financed, for the most part, by the State, regional or local authorities, or other bodies governed by public law; or subject to management supervision by those bodies; or having an administrative, managerial or supervisory board, more than half of whose members are appointed by the State, regional or local authorities, or by other bodies governed by public law. <p>This term has a narrower scope than the term "Customer" and is in BII treated as a customer role.</p>

uc Tendering - Partners and Roles



4.3 Tendering Business Process

The following diagram shows the choreography of the business process implemented by the profile. The choreography of business collaborations defines the sequence of interactions when the profile is run within its context.



Categories	Description and Values
Description	<p>An Economic Operator prepares and then submits a Tender to a Contracting Authority, as a response to a Call For Tender.</p> <p>The Contracting Authority notifies the Economic Operator of having received the Tender.</p> <p>The Contracting Authority then continues the process by opening and evaluating the Tenders received. These activities and the subsequent communication with Economic Operators is outside the scope of this profile.</p>
Pre-conditions	A Contracting Authority has issued a call for tender to potential applicants.
Post-conditions	Tenders have been received by the Contracting Authority and are to be evaluated by him. Tender reception has been notified to the Economic Operator.

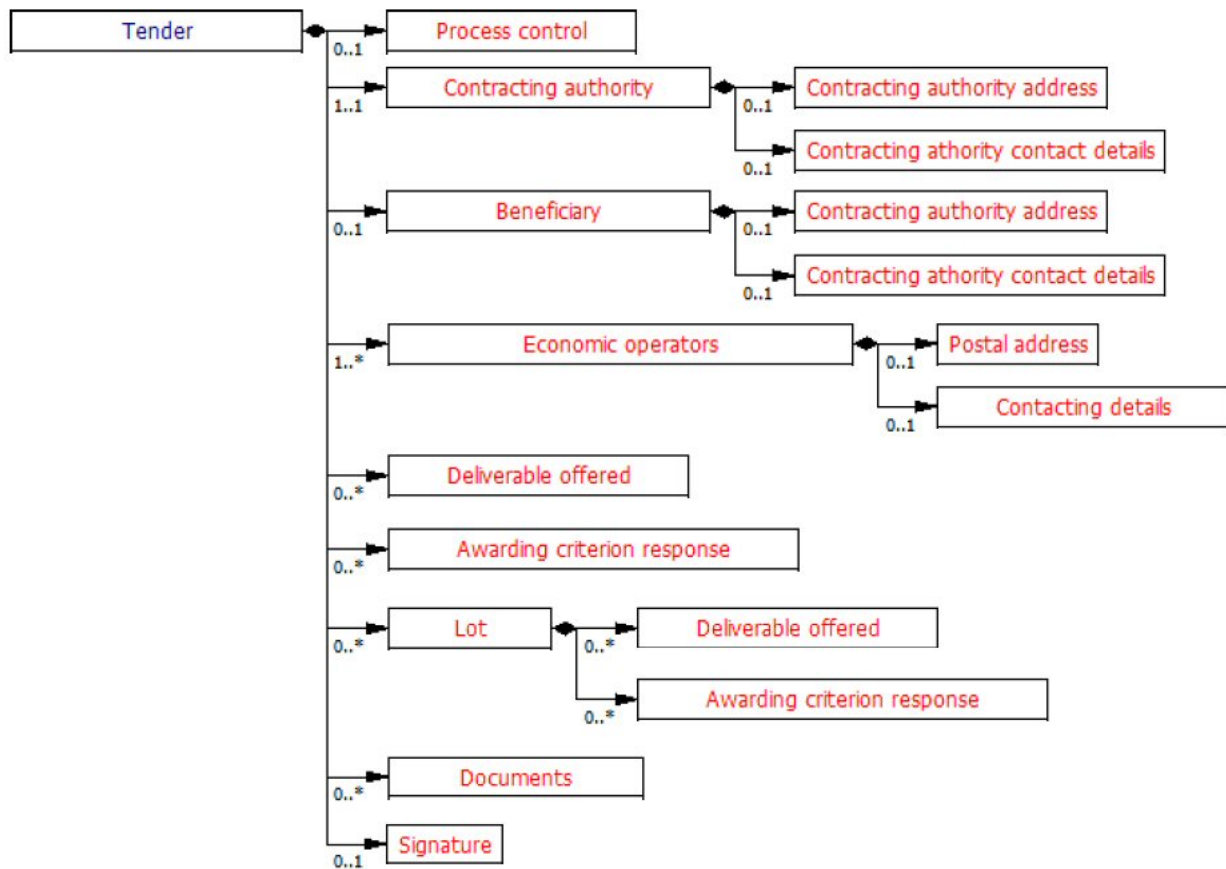
4.4 Transaction Information requirements

4.4.1 Tender Submission Transaction

Categories	Description and Values
Identifier	BiiTrns044
Description	A message by which a tenderer offers a tender to the tendering organization.
Partner Types	Customer Supplier
Authorized Roles	Contracting Authority Economic Operator
Legal Implications	National laws and regulations and, in case of above threshold Call for Tenders, EU directives 2004/18/EC and 2004/17/EC. According to the Directive 2004/18/EC Article 42 and Annex X (Directive 2004/17/EC Article 48 and Annex XXIV), the Contracting Authority is not allowed to read or act on the Tender before the point in time of the Tender Opening. To enable acknowledgment of the Tender Reception the Tender must be communicated by using an electronic envelope containing party information
Initial Event	A Tender is submitted from an Economic Operator to a Contracting Authority
Terminal event	The Tender is received by the Contracting Authority
Scope	Tenders for individual purchases as well as framework agreements within all tendering procedures including open tender, restricted tender, negotiated tender and competitive dialogue.
Boundary	None specified.

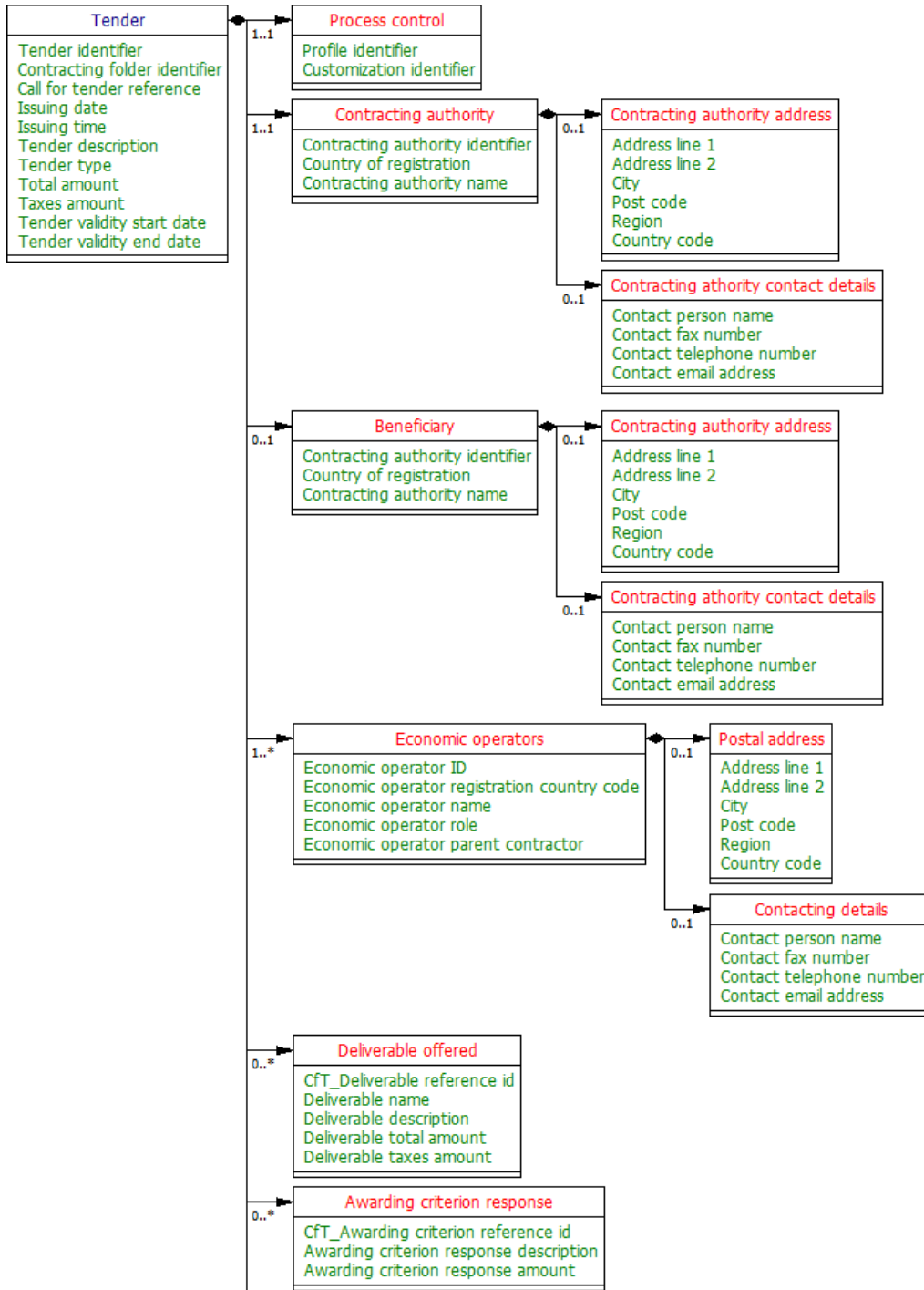
4.4.1.1 Tender Submission Transaction Information Requirements Model

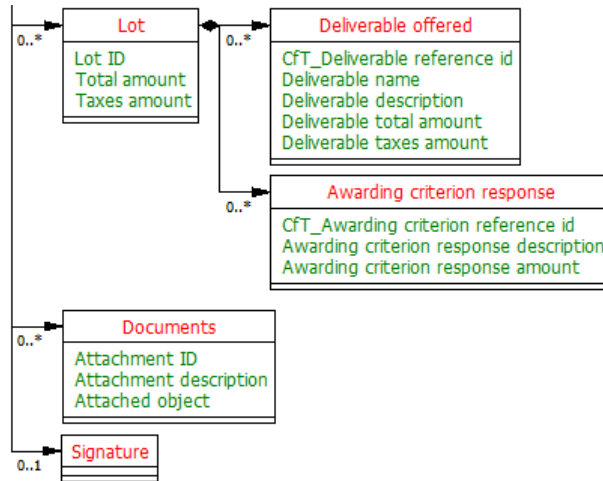
Overview



Information Requirements Model

Information Requirements Model





4.4.1.2 Tender Submission Transaction Information Requirements

InfRqID	Crđ	Tree and Business term	Usage	Data Type	ReqID	Note
		Tender				
tir44-001	0..1	–Tender identifier		BiiDT::Undefined		
tir44-002	0..1	–Contracting folder identifier		BiiDT::Text		
tir44-003	0..1	–Call for tender reference		BiiDT::Undefined		
tir44-004	0..1	–Issuing date		BiiDT::Date		
tir44-005	0..1	–Issuing time		BiiDT::Time		
tir44-006	0..1	–Tender description		BiiDT::Text		
tir44-007	0..1	–Tender type		BiiDT::Code		
tir44-008	0..1	–Total amount		BiiDT::Amount		
tir44-009	0..1	–Taxes amount		BiiDT::Amount		
tir44-010	0..1	–Tender validity start date		BiiDT::Date		
tir44-011	0..1	–Tender validity end date		BiiDT::Date		
	1..1	–Process control	Information about the specification that apply to the transaction.	CENBII common structures::Process control		
tir44-012	1..1	–Profile identifier	Identifies the BII profile or business process context in which the transaction appears.	BiiDT::Code	tbr00-001	
tir44-013	1..1	–Customization identifier	Identifies the specification of content and rules that apply to the transaction.	BiiDT::Code	tbr00-002	
	1..1	–Contracting authority		Main::Tendering party		
tir44-014	0..1	–Contracting authority identifier		BiiDT::Undefined		
tir44-015	0..1	–Country of registration		BiiDT::Code		
tir44-016	0..1	–Contracting authority name		BiiDT::Text		
	0..1	–Contracting authority address	Address information.	CENBII common structures::Postal address		
tir44-017	0..1	–Address line 1	The main address line in a postal address usually the street name and number.	BiiDT::Undefined		
tir44-018	0..1	–Address line 2	An additional address line in a postal address that can be used to give further details supplementing the main line. Common use are secondary house number in a complex or in a building.	BiiDT::Undefined		
tir44-019	0..1	–City	The common name of the city where the postal address is. The name is written in full rather than as a code.	BiiDT::Undefined		
tir44-020	0..1	–Post code	The identifier for an addressable group of properties according to the relevant national postal service, such as a ZIP code or Post Code.	BiiDT::Undefined		
tir44-021	0..1	–Region	For specifying a region, county, state, province etc. within a country by using text.	BiiDT::Undefined		
tir44-022	0..1	–Country code	The country where the address is. The country should always be given by using ISO code 3166 alpha 2	BiiDT::Code		
	0..1	–Contracting authority contact details	Used to provide contacting information for a party in general or a person.	CENBII common		

InfRqID	Crd	Tree and Business term	Usage	Data Type	ReqID	Note
				structures::Contacting details		
tir44-023	0..1	Contact person name	The name of the contact person.	BiiDT::Text		
tir44-024	0..1	Contact fax number	A fax number for the contact persons.	BiiDT::Undefined		
tir44-025	0..1	Contact telephone number	A phone number for the contact person. If the person has a direct number, this is that number.	BiiDT::Undefined		
tir44-026	0..1	Contact email address	The e-mail address for the contact person. If the person has a direct e-mail this is that email.	BiiDT::Undefined		
	0..1	Beneficiary		Main::Tendering party		
tir44-027	0..1	Contracting authority identifier		BiiDT::Undefined		
tir44-028	0..1	Country of registration		BiiDT::Code		
tir44-029	0..1	Contracting authority name		BiiDT::Text		
	0..1	Contracting authority address	Address information.	CENBII common structures::Postal address		
tir44-030	0..1	Address line 1	The main address line in a postal address usually the street name and number.	BiiDT::Undefined		
tir44-031	0..1	Address line 2	An additional address line in a postal address that can be used to give further details supplementing the main line. Common use are secondary house number in a complex or in a building.	BiiDT::Undefined		
tir44-032	0..1	City	The common name of the city where the postal address is. The name is written in full rather than as a code.	BiiDT::Undefined		
tir44-033	0..1	Post code	The identifier for an addressable group of properties according to the relevant national postal service, such as a ZIP code or Post Code.	BiiDT::Undefined		
tir44-034	0..1	Region	For specifying a region, county, state, province etc. within a country by using text.	BiiDT::Undefined		
tir44-035	0..1	Country code	The country where the address is. The country should always be given by using ISO code 3166 alpha 2	BiiDT::Code		
	0..1	Contracting authority contact details	Used to provide contacting information for a party in general or a person.	CENBII common structures::Contacting details		
tir44-036	0..1	Contact person name	The name of the contact person.	BiiDT::Text		
tir44-037	0..1	Contact fax number	A fax number for the contact persons.	BiiDT::Undefined		
tir44-038	0..1	Contact telephone number	A phone number for the contact person. If the person has a direct number, this is that number.	BiiDT::Undefined		
tir44-039	0..1	Contact email address	The e-mail address for the contact person. If the person has a direct e-mail this is that email.	BiiDT::Undefined		
	1..n	Economic operators		Main::Economic operators		
tir44-040	0..1	Economic operator ID	An identifier that conclusively identifies the Economic operator, such as a	BiiDT::Identifier		

InfRqID	Crđ	Tree and Business term	Usage	Data Type	ReqID	Note
			legal registration identifier.			
tir44-041	0..1	Economic operator registration country code	The registration country code of the Economic operator submitting the qualification.	BiiDT::Code		
tir44-042	0..1	Economic operator name	The name of the Economic operator submitting the qualification.	BiiDT::Text		
tir44-043	0..1	Economic operator role	The role in a consortium that the Economic operator has while submitting the qualification (main og subcontractor)	BiiDT::Code		
tir44-044	0..1	Economic operator parent contractor		BiiDT::Undefined		
	0..1	Postal address	Address information.	CENBII common structures::Postal address		
tir44-045	0..1	Address line 1	The main address line in a postal address usually the street name and number.	BiiDT::Undefined		
tir44-046	0..1	Address line 2	An additional address line in a postal address that can be used to give further details supplementing the main line. Common use are secondary house number in a complex or in a building.	BiiDT::Undefined		
tir44-047	0..1	City	The common name of the city where the postal address is. The name is written in full rather than as a code.	BiiDT::Undefined		
tir44-048	0..1	Post code	The identifier for an addressable group of properties according to the relevant national postal service, such as a ZIP code or Post Code.	BiiDT::Undefined		
tir44-049	0..1	Region	For specifying a region, county, state, province etc. within a country by using text.	BiiDT::Undefined		
tir44-050	0..1	Country code	The country where the address is. The country should always be given by using ISO code 3166 alpha 2	BiiDT::Code		
	0..1	Contacting details	Used to provide contacting information for a party in general or a person.	CENBII common structures::Contacting details		
tir44-051	0..1	Contact person name	The name of the contact person.	BiiDT::Text		
tir44-052	0..1	Contact fax number	A fax number for the contact persons.	BiiDT::Undefined		
tir44-053	0..1	Contact telephone number	A phone number for the contact person. If the person has a direct number, this is that number.	BiiDT::Undefined		
tir44-054	0..1	Contact email address	The e-mail address for the contact person. If the person has a direct e-mail this is that email.	BiiDT::Undefined		
	0..n	Deliverable offered		Main::Deliverable offered		
tir44-055	0..1	CfT_Deliverable reference id		BiiDT::Text		
tir44-056	0..1	Deliverable name		BiiDT::Text		
tir44-057	0..1	Deliverable description		BiiDT::Text		
tir44-058	0..1	Deliverable total amount		BiiDT::Amount		
tir44-059	0..1	Deliverable taxes amount		BiiDT::Amount		
	0..n	Awarding criterion response		Main::Awarding		

InfRqID	Crd	Tree and Business term	Usage	Data Type	ReqID	Note
				critterion response		
tir44-060	0..1	—CfT_Awarding criterion reference id		BiiDT::Text		
tir44-061	0..1	—Awarding criterion response description		BiiDT::Text		
tir44-062	0..1	—Awarding criterion response amount		BiiDT::Amount		
	0..n	—Lot		Main::Lot		
tir44-063	0..1	—Lot ID		BiiDT::Undefined		
tir44-064	0..1	—Total amount		BiiDT::Amount		
tir44-076	0..1	—Taxes amount		BiiDT::Amount		
	0..n	—Deliverable offered		Main::Deliverable offered		
tir44-065	0..1	—CfT_Deliverable reference id		BiiDT::Text		
tir44-066	0..1	—Deliverable name		BiiDT::Text		
tir44-067	0..1	—Deliverable description		BiiDT::Text		
tir44-068	0..1	—Deliverable total amount		BiiDT::Amount		
tir44-069	0..1	—Deliverable taxes amount		BiiDT::Amount		
	0..n	—Awarding criterion response		Main::Awarding criterion response		
tir44-070	0..1	—CfT_Awarding criterion reference id		BiiDT::Text		
tir44-071	0..1	—Awarding criterion response description		BiiDT::Text		
tir44-072	0..1	—Awarding criterion response amount		BiiDT::Amount		
	0..n	—Documents	Attached documents	CENBII common structures:: Attachment		
tir44-073	0..1	—Attachment ID	A positive identification of the relevant document, such as an unique identifier.	BiiDT::Undefined		
tir44-074	0..1	—Attachment description	A short description of the document type.	BiiDT::Text		
tir44-075	0..1	—Attached object	The attached document embeded as binary object.	BiiDT::Binary Object		
	0..1	—Signature		CENBII common structures::Signature		

4.4.1.3 Tender Submission Transaction Business Rules

Facts

RuleID	rulenote	target	errorlevel	source	ReqID
BII2-T44-R008	A contracting authority MUST have a contracting authority name or a contracting authority identifier	Contracting Authority	fatal	T44	Tbr44-002
BII2-T44-R011	Each economic operator in a tender MUST have a name or an identifier	Economic operator	fatal	T44	Tbr44-007
BII2-T44-R013	Each deliverable offered SHOULD refer to a call for tender requested deliverable through the use of the call for tender reference identifier	Deliverable offered	warning	T44	Tbr44-010
BII2-T44-R014	Each awarding criterion response SHOULD have a call for tender awarding criterion reference identifier	Awarding criterion response	warning	T44	

Integrity rules

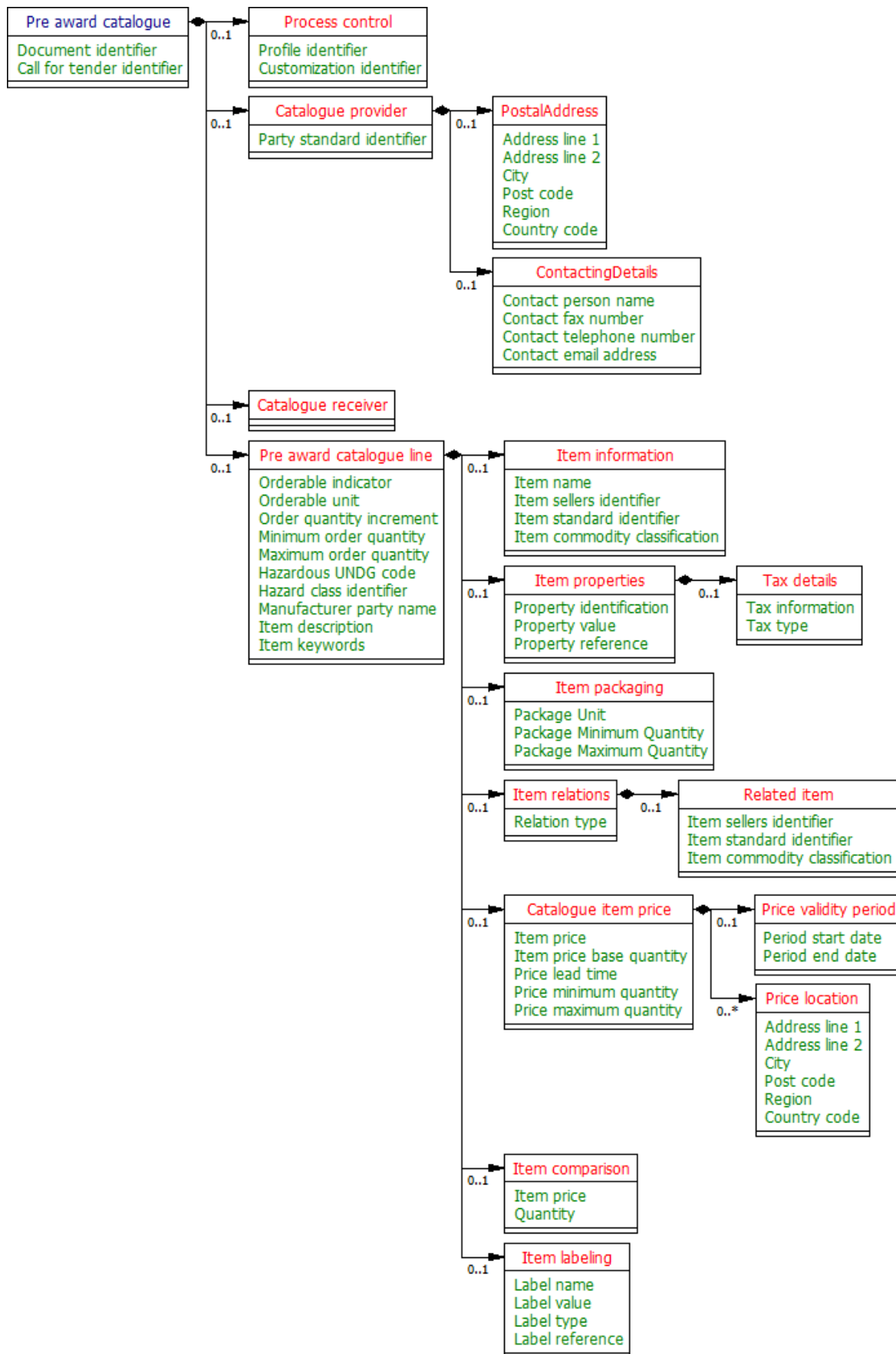
RuleID	rulenote	target	errorlevel	source	ReqID
BII2-T44-R001	A tender MUST have a customization identifier	tender	fatal	T44	
BII2-T44-R002	A tender MUST have a profile identifier	tender	fatal	T44	
BII2-T44-R003	A tender MUST have a tender identifier	tender	fatal	T44	
BII2-T44-R004	A tender MUST have an issuing date	tender	fatal	T44	Tbr44-004
BII2-T44-R005	A tender MUST have an issuing time	tender	fatal	T44	Tbr44-004
BII2-T44-R006	A tender MUST have a call for tender reference	tender	fatal	T44	Tbr44-001
BII2-T44-R007	A tender MUST have a contracting authority	tender	fatal	T44	Tbr44-002
BII2-T44-R010	A tender MUST have at least one economic operator	tender	fatal	T44	Tbr44-007

4.4.1 Pre-Award Catalogue Transaction

Categories	Description and Values
Identifier	BiiTrns069
Description	A structured electronic business document containing an electronic catalogue
Partner Types	Customer Supplier
Authorized Roles	Contracting Authority Economic Operator
Legal Implications	
Initial Event	Prepare and send a pre-award catalogue
Terminal event	Receive a Tender Reception Notification



4.4.1.1 Pre-Award Catalogue Transaction Information Requirements model



4.4.1.2 Pre-Award Catalogue Transaction Information Requirements

InfRqID	Crds	Tree and Business term	Usage	Data Type	ReqID	Note
		Pre award catalogue				
tir68-001	1..1	Document identifier	An transaction instance must contain an identifier. The identifier enables positive referencing the document instance for various purposes including referencing between transactions that are part of the same process.	BiiDT::Undefined	tbr68-001	
tir68-002	0..1	Call for tender identifier	A mutually understood Identifier for the Contract. Identifies the Contract. The contract on which the catalogue is based.	BiiDT::Undefined	tbr68-007	
	0..1	Process control	Information about the specification that apply to the transaction.	CENBII common structures::Process control		
tir68-003	1..1	Profile identifier	Identifies the BII profile or business process context in which the transaction appears.	BiiDT::Code	tbr00-001	
tir68-004	1..1	Customization identifier	Identifies the specification of content and rules that apply to the transaction.	BiiDT::Code	tbr00-002	
	0..1	Catalogue provider		Main::Catalogue provider	tbr68-002	
tir68-005	0..1	Party standard identifier		BiiDT::Identifier	tbr68-030	
	0..1	PostalAddress	Address information.	CENBII common structures::Postal address	tbr68-031	
tir68-006	0..1	Address line 1	The main address line in a postal address usually the street name and number.	BiiDT::Undefined	tbr68-031	
tir68-007	0..1	Address line 2	An additional address line in a postal address that can be used to give further details supplementing the main line. Common use are secondary house number in a complex or in a building.	BiiDT::Undefined	tbr68-031	
tir68-008	0..1	City	The common name of the city where the postal address is. The name is written in full rather than as a code.	BiiDT::Undefined	tbr68-031	
tir68-009	0..1	Post code	The identifier for an addressable group of properties according to the relevant national postal service, such as a ZIP code or Post Code.	BiiDT::Undefined	tbr68-031	
tir68-010	0..1	Region	For specifying a region, county, state, province etc. within a country by using text.	BiiDT::Undefined	tbr68-031	
tir68-011	0..1	Country code	The country where the address is. The country should always be given by using ISO code 3166 alpha 2	BiiDT::Code	tbr68-031	
	0..1	ContactingDetails	Used to provide contacting information for a party in general or a person.	CENBII common structures::Contacting details	tbr68-032	
tir68-012	0..1	Contact person name	The name of the contact person.	BiiDT::Text	tbr68-032	
tir68-013	0..1	Contact fax number	A fax number for the contact persons.	BiiDT::Undefined	tbr68-032	
tir68-014	0..1	Contact telephone number	A phone number for the contact person. If the person has a direct number, this is that number.	BiiDT::Undefined	tbr68-032	

InfRqID	Crđ	Tree and Business term	Usage	Data Type	ReqID	Note
tir68-015	0..1	└ Contact email address	The e-mail address for the contact person. If the person has a direct e-mail this is that email.	BiiDT::Undefined	tbr68-032	
	0..1	└ Catalogue receiver		Main::Catalogue receiver		
	0..1	└ Pre award catalogue line		Main::Pre award catalogue line		
tir68-016	0..1	└ Orderable indicator	Default value is True i.e. Item on the Catalogue Line can be ordered. Can be used to indicate if an Item is temporarily out of stock (via a Catalogue Update).	BiiDT::Indicator	tbr68-0013	
tir68-017	0..1	└ Orderable unit	The unit in which the item can be ordered.	BiiDT::Text	tbr68-0013	
tir68-018	0..1	└ Order quantity increment	The increment of Orderable units that can be ordered.	BiiDT::Numeric	tbr68-0013	If Orderable Unit is case (CS) and Order Quantity Increment is 6, then only 6, 12, 18, 24 ... cases can be ordered.
tir68-019	0..1	└ Minimum order quantity	The minimum number of orderable units that can be ordered.	BiiDT::Numeric	tbr68-0013	
tir68-020	0..1	└ Maximum order quantity	The maximum number of orderable units that can be ordered.	BiiDT::Numeric	tbr68-0013	
tir68-021	0..n	└ Hazardous UNDG code	Provides detail of the classification and nature of a hazardous item.	BiiDT::Code	tbr68-020	
tir68-022	0..n	└ Hazard class identifier	Provides detail of the classification and nature of a hazardous item.	BiiDT::Undefined	tbr68-020	
tir68-023	0..n	└ Manufacturer party name		BiiDT::Text	tbr68-021	
tir68-024	0..1	└ Item description		BiiDT::Text	tbr68-0055	
tir68-025	0..1	└ Item keywords		BiiDT::Text	tbr68-0056	
	0..1	└ Item information	Information about an item.	CENBII common structures::Item information		
	0..1	└ Item name	A short name for an item.	BiiDT::Text	tbr68-005	
tir68-027	0..1	└ Item sellers identifier	The sellers identifier for the item.	BiiDT::Undefined	tbr68-008	
tir68-028	0..1	└ Item standard identifier	A item identifier based on a registered schema.	BiiDT::Identifier	tbr68-008	
tir68-029	0..2	└ Item commodity classification	A classification code for classifying the item by its type or nature.	BiiDT::Code	tbr68-011, tbr68-0043	
	0..1	└ Item properties		Main::Item properties		
tir68-030	0..1	└ Property identification		BiiDT::Undefined	tbr68-0026	
tir68-031	0..1	└ Property value		BiiDT::Undefined	tbr68-0028	
tir68-032	0..1	└ Property reference		BiiDT::Code	tbr68-0027	
	0..1	└ Tax details		Main::Tax details		
tir68-033	0..1	└ Tax information		Main::Tax details	tbr68-0054	
tir68-034	0..1	└ Tax type		BiiDT::Code	tbr68-0054	

InfRqID	Crđ	Tree and Business term	Usage	Data Type	ReqID	Note
	0..1	Item packaging		Main::Item packaging	tbr68-033	
tir68-035	0..1	Package Unit		BiiDT::Code	tbr68-016	
tir68-036	0..1	Package Minimum Quantity		BiiDT::Quantity	tbr68-016	
tir68-037	0..1	Package Maximum Quantity		BiiDT::Quantity	tbr68-016	
	0..1	Item relations		CENBII common structures::Item relations	tbr68-007	
tir68-038	0..1	Relation type		XSD Data types::string	tbr68-012	
	0..1	Related item	Information about an item.	CENBII common structures::Item information	tbr68-007	
tir68-039	0..1	Item sellers identifier	The sellers identifier for the item.	BiiDT::Undefined	tbr68-012, tbr68-008	
tir68-040	0..1	Item standard identifier	A item identifier based on a registered schema.	BiiDT::Identifier	tbr68-012, tbr68-008	
tir68-041	0..2	Item commodity classification	A classification code for classifying the item by its type or nature.	BiiDT::Code	tbr68-012, tbr68-011	
	0..1	Catalogue item price	Used to specify the price of the item. Can also be used to specify prices that may be dependent on quantities and/or locations.	Main::Catalogue item price		
tir68-042	0..1	Item price	The price for the item at the specified locations.	BiiDT::Amount	tbr68-0025	
tir68-043	0..1	Item price base quantity	The base quantity to which the Price Amount applies. The Data Type attribute Unit.Code specifies the Unit of Measure.	BiiDT::Quantity	tbr68-0025	
tir68-044	0..1	Price lead time	The order lead time for the particular location.	BiiDT::Measure	tbr68-0025	1 Day - Unit Code=DAY.
tir68-045	0..1	Price minimum quantity	The minimum quantity that can be ordered from the particular location expressed in the units defined in the Item location quantity delivery unit.	BiiDT::Numeric	tbr68-0025	1 Bottle - Unit Code=BO.
tir68-046	0..1	Price maximum quantity	The maximum quantity that can be ordered from the particular location expressed in the units defined in the Item location quantity delivery unit.	BiiDT::Numeric	tbr68-0025	100 Bottles - Unit Code=BO.
	0..1	Price validity period	Dates that describe a period that has relevance in the context of the transaction. The period during which the price is valid.	CENBII common structures::Date periods	tbr68-0025	
tir68-047	1..1	Period start date	The date on which the period starts. The start dates counts as part of the period.	BiiDT::Date	tbr68-0025	
tir68-048	1..1	Period end date	The date on which the period ends. The end date counts as part of the period.	BiiDT::Date	tbr68-0025	
	0..n	Price location	Address information. Use to specify the area or place to which the Item Location Quantity values e.g. lead time, base price and base quantity, apply.	CENBII common structures::Postal address	tbr68-0025	
tir68-049	0..1	Address line 1	The main address line in a postal address usually the street name and	BiiDT::Undefined		

InfRqID	Crđ	Tree and Business term	Usage	Data Type	ReqID	Note
			number.			
tir68-050	0..1	Address line 2	An additional address line in a postal address that can be used to give further details supplementing the main line. Common use are secondary house number in a complex or in a building.	BiiDT::Undefined		
tir68-051	0..1	City	The common name of the city where the postal address is. The name is written in full rather than as a code.	BiiDT::Undefined		
tir68-052	0..1	Post code	The identifier for an addressable group of properties according to the relevant national postal service, such as a ZIP code or Post Code.	BiiDT::Undefined		
tir68-053	0..1	Region	For specifying a region, county, state, province etc. within a country by using text.	BiiDT::Undefined		
tir68-054	0..1	Country code	The country where the address is. The country should always be given by using ISO code 3166 alpha 2	BiiDT::Code		
	0..1	Item comparison	Used to provide price information based on a standard quantity unit to enable price comparison.	Main::Item comparison		
tir68-055	0..1	Item price	The item price based on a standardized unit. E.g. Price of each liter.	BiiDT::Amount	tbr68-0052	
tir68-056	0..1	Quantity	The unit on which the comparison price is based. E.g. Liter, Kilo	BiiDT::Quantity	tbr68-0052	
	0..1	Item labeling	Information about the items environmental, social, ethical and quality type of labelling.	Main::Item labeling		
tir68-057	0..1	Label name	The name of the product label.	BiiDT::Text	tbr68-0036	
tir68-058	0..1	Label value	The label value that applies to the item.	BiiDT::Numeric	tbr68-0036	
tir68-059	0..1	Label type	The label type such environmental, quality, social etc.	BiiDT::Undefined	tbr68-0036	
tir68-060	0..1	Label reference	A reference to where the label specification can be found, e.g. a URI.	BiiDT::Text	tbr68-0036	

4.4.1.1 Pre-Award Catalogue Transaction Business Rules

Facts

RuleID	rulenote	target	errorlevel	source	ReqID
BII2-T68-R005	An item in a Pre-Award Catalogue Template line MUST have a name	Item	fatal	T68	Tbr68-005
BII2-T68-R006	Standard Identifiers SHOULD contain the Schema Identifier (e.g. GTIN)	Item	warning	T68	Tbr68-041
BII2-T68-R008	An item in a Pre-Award Catalogue Template line MUST be categorized from one or more classification systems It must be possible to refer an item to the corresponding classes from one or more classification systems.	Item	fatal	T68	Tbr68-006
BII2-T68-R010	An item property data name MUST specify a data value or a range of values	Item Property	fatal	T68	Tbr68-011

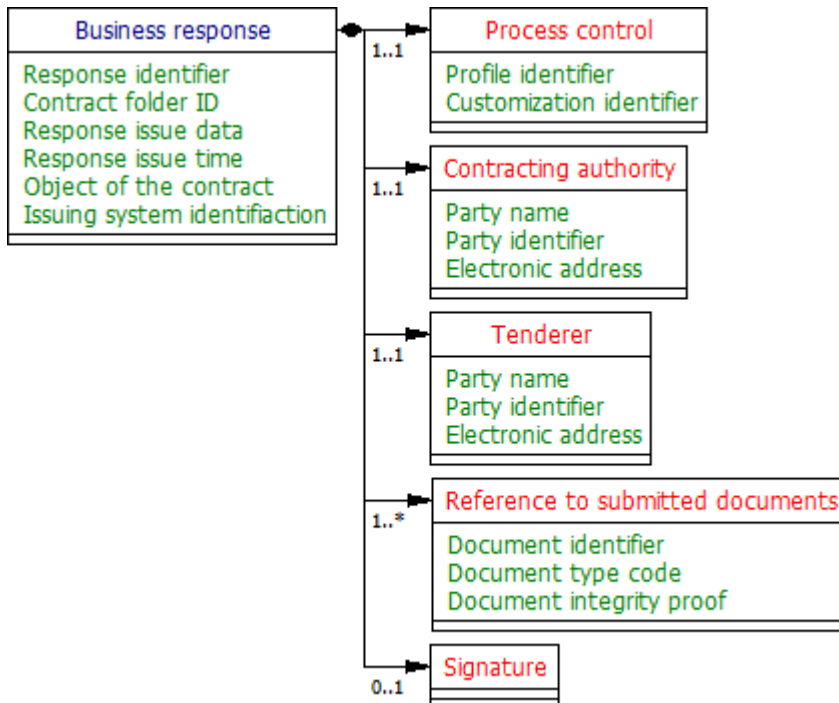
Integrity constraints

RuleID	rulenote	target	errorlevel	source	ReqID
BII2-T68-R001	A Pre-Award Catalogue Template MUST have a profile identifier	Pre-Award Catalogue Template	fatal	T68	
BII2-T68-R002	A Pre-Award Catalogue Template MUST have a customization identifier	Pre-Award Catalogue Template	fatal	T68	
BII2-T68-R003	A Pre-Award Catalogue Template MUST contain the Pre-Award Catalogue Template document identifier	Pre-Award Catalogue Template	fatal	T68	Tbr68-001
BII2-T68-R004	A Pre-Award Catalogue Template MUST provide a reference to the call for tender identifier	Pre-Award Catalogue Template	fatal	T68	Tbr68-004
BII2-T68-R007	CPV classification code MUST be provided	Item	fatal	T68	Tbr68-040
BII2-T68-R009	A Pre-Award Catalogue Template MUST have at least one Pre-Award Catalogue Template line	Pre-Award Catalogue Template	fatal	T68	

4.4.2 Tender Reception Notification Transaction

Categories	Description and Values
Identifier	BiiTrns045
Description	A structured electronic business document confirming the reception of a Tender.
Partner Types	Customer Supplier
Authorized Roles	Contracting Authority Economic Operator
Legal Implications	<p>The NotifyTenderReception transaction may not involve any viewing or processing of the tender content nor does it imply any decision, verification or acknowledgement regarding the tenders' content. It only confirms that the referenced tender has been received at the date and time stated in the transaction.</p> <p>National laws and regulations and, in case of above threshold Call for Tenders, EU directives 2004/18/EC and 2004/17/EC.</p> <p>According to the Directive 2004/18/EC Article 42 and Annex X (Directive 2004/17/EC Article 48 and Annex XXIV), the Contracting Authority is not allowed to read or act on the tender before the point in time of the tender opening. The acknowledgment of the tender reception must be communicated to the party based on the electronic envelope of the tender and not the party information within the tender document..</p>
Initial Event	Prepare and send NotifyTenderReception
Terminal event	Receive NotifyTenderReception
Scope	To acknowledge the reception of a tender document and noting the date and time of reception.
Boundary	Only acknowledges that a tender has been received.

4.4.2.1 Tender Reception Notification Transaction Information Requirements Model



4.4.2.2 Tender Reception Notification Transaction Information Requirements

InfRqID	Crđ	Tree and Business term	Usage	Data Type	ReqID	Note
		Business response				
tir45-001	1..1	Response identifier	An transaction instance must contain an identifier. The identifier enables positive referencing the document instance for various purposes including referencing between transactions that are part of the same	BiiDT::Undefined		
tir45-018	1..1	Contract folder ID		BiiDT::Text	tbr45-001	
tir45-002	1..1	Response issue data	The date on which the transaction instance was issued.	BiiDT::Date	tbr45-003	
tir45-003	1..1	Response issue time	The time at which the transaction instance was issued.	BiiDT::Time	tbr45-003	
tir45-019	0..1	Object of the contract		BiiDT::Text	tbr45-004	
tir45-020	1..1	Issuing system identification		BiiDT::Text	tbr45-006	
	1..1	Process control	Information about the specification that apply to the transaction.	CENBII common structures::Process		
tir45-005	1..1	Profile identifier	Identifies the BII profile or business process context in which the	BiiDT::Code	tbr00-001	
tir45-006	1..1	Customization identifier	Identifies the specification of content and rules that apply to the	BiiDT::Code	tbr00-002	
	1..1	Contracting authority	The party sending the response.	Main::Party	tbr45-002	
tir45-007	0..1	Party name	The name of the party sending the response.	BiiDT::Text		
tir45-008	0..1	Party identifier	It should be possible to specify the identifier or identifiers for the party.	BiiDT::Undefined		
tir45-009	0..1	Electronic address	A response may contain the party electronic address. The address can	BiiDT::Identifier		
	1..1	Tenderer	The party receiving the response.	Main::Party	tbr45-005	
tir45-010	0..1	Party name	The name of the party receiving the response.	BiiDT::Text		
tir45-011	0..1	Party identifier	It should be possible to specify the identifier or identifiers for the party.	BiiDT::Undefined		
tir45-012	0..1	Electronic address	A response may contain the party electronic address. The address can	BiiDT::Identifier		
	1..n	Reference to submitted documents	References to the business document that the reported decision applies.	Main::Reference	tbr45-011	
tir45-016	0..1	Document identifier	Identifies the document being referred to.	BiiDT::Undefined	tbr45-004	
tir45-017	0..1	Document type code	The type of the document being referred to, expressed as a code.	BiiDT::Code	tbr45-010	
tir45-021	0..1	Document integrity proof		BiiDT::Text	tbr45-009	
	0..1	Signature		CENBII common	tbr45-007	

4.4.2.3 Tender Reception Notification Transaction Business Rules

Facts

RuleID	rulenote	target	errorlevel	source	ReqID
BIIRULE-T45-R008	A tender reception notification contracting authority MUST contain the full name or an identifier	Contracting authority	fatal	T45	
BIIRULE-T45-R009	A tender reception notification tenderer MUST contain the full name or an identifier	Tenderer	fatal	T45	

Integrity constraints

RuleID	rulenote	target	errorlevel	source	ReqID
BIIRULE-T45-R001	A tender reception notification MUST have a profile identifier	tender reception notification	fatal	T45	
BIIRULE-T45-R002	A tender reception notification MUST have a customization identifier	tender reception notification	fatal	T45	
BIIRULE-T45-R003	A tender reception notification MUST contain the date of issue	tender reception notification	fatal	T45	
BIIRULE-T45-R004	A tender reception notification MUST have a contract folder identifier	tender reception notification	fatal	T45	
BIIRULE-T45-R005	A tender reception notification MUST contain the response identifier	tender reception notification	fatal	T45	
BIIRULE-T45-R006	The contracting authority sending the tender reception notification MUST be specified	tender reception notification	fatal	T45	
BIIRULE-T45-R007	The tenderer receiving the tender reception notification MUST be specified	tender reception notification	fatal	T45	
BIIRULE-T45-R008	A tender reception notification contracting authority MUST contain the full name or an identifier	Contracting authority	fatal	T45	
BIIRULE-T45-R009	A tender reception notification tenderer MUST contain the full name or an identifier	Tenderer	fatal	T45	
BIIRULE-T45-R010	A tender reception notification MUST contain at least one reference to submitted documents	tender reception notification	fatal	T45	
BIIRULE-T45-R011	A document reference MUST contain an identifier and a document type	Document reference	fatal	T45	

5 Implementation

The following documents define the binding of the transactions to various syntaxes:

Transaction	Syntax	Binding document
BiiTrns044	UN/CEFACT D11A	BiiTrns44-SB-Cefact.rtf
BiiTrns044	UBL 2.1	BiiTrns44-SB-UBL.rtf
BiiTrns045	UN/CEFACT D11A	BiiTrns45-SB-Cefact.rtf
BiiTrns045	UBL 2.1	BiiTrns45-SB-UBL.rtf
BiiTrns068	UN/CEFACT D11A	BiiTrns68-SB-Cefact.rtf
BiiTrns068	UBL 2.1	BiiTrns68-SB-UBL.rtf

These documents have been annexed to this profile.

Validation tools, such as Schematron files, are available on the BII2 web site: <http://www.cenbii.eu/>

6 References

6.1 General references relevant for all BII profiles

External documents

- UN/CEFACT Modelling Methodology (available at <http://www.untmg.org/specifications/>)
- UML (Unified Modelling Language), version 2.0 (available at <http://www.omg.org/spec/UML/2.0/>)

Related publications from CEN/ISSS WS/BII:

- CEN CWA 16073:2010 – BII1 Profiles and deliverables
- CEN CWA xxxx0: BII2 Architecture
- CEN CWA xxxx1, BII2 eNotification profile
- CEN CWA xxxx3, BII2 eCatalogue profiles
- CEN CWA xxxx4, BII2 Post Award profiles

BII2 web site: <http://www.cenbii.eu/>

6.2 References specific to this profile

- [1] Directive 2004/18/EC of the European Parliament and of the Council of 31 March 2004 on the coordination of procedures for the award of public works contracts, public supply contracts and public service contracts (*OJ L 134, 30.4.2004, p. 114–240*)
- [2] Directive 2004/17/EC of the European Parliament and of the Council of 31 March 2004 coordinating the procurement procedures of entities operating in the water, energy, transport and postal services sectors (*OJ L 134, 30.4.2004, p. 1–113*)
- [3] Directive 2009/81/EC of the European Parliament and of the Council of 13 July 2009 on the coordination of procedures for the award of certain works contracts, supply contracts and service contracts by contracting authorities or entities in the fields of defence and security, and amending Directives 2004/17/EC and 2004/18/EC (Text with EEA relevance) (*OJ L 216, 20.8.2009, p. 76–136*)
- [4] Commission Implementing Regulation (EU) No 842/2011 of 19 August 2011 establishing standard forms for the publication of notices in the field of public procurement and repealing Regulation (EC) No 1564/2005 Text with EEA relevance (*OJ L 222, 27.8.2011, p. 1–187*)
- [5] Commission Regulation (EC) No 213/2008 of 28 November 2007 amending Regulation (EC) No 2195/2002 of the European Parliament and of the Council on the Common Procurement Vocabulary (CPV) and Directives 2004/17/EC and 2004/18/EC of the European Parliament and of the Council on public procurement procedures, as regards the revision of the CPV
- [6] World Trade Organization, Committee on Government Procurement - Revision of the Agreement on Government Procurement as at 13 December 2010 - Prepared by the Secretariat (GPA/W/313)
- [7] Commission Decision 2008/963/EC – the current list of contracting authorities and entities