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Ted·tenders electronic daily
Supplement to the Official Journal of the EU

TED XML format

General description

Subject	TED-XML general description
Version	V2.0
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DOCUMENT HISTORY

Version	Release Date	Description
v1.0	13.03.2015	First release with annex A for the mapping UTF-8 to XML
v1.1	31.03.2015	Add annex B for the mapping forms labels to XML elements
v1.2	22.04.2015	Adapt documentation to the content of the Resources folder on FTP
v2.0	19.02.2016	Update description taking into account the new forms/directives 2014

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1. Introduction

1.1. Context

TED (Tenders Electronic Daily) provides free access to public procurement notices from contracting authorities based in the European Union and in the European Economic Area (also if they provide services in any other country).

The notices are published 5 times a week, from Tuesday to Saturday, at 9 a.m.

They are available on the website, in HTML, PDF and in XML format.

1.2. Purpose of this document

The purpose of this document is to provide a general description on the XML format, to help TED users to take advantage of the public procurement notices.

The format, named TED-XML, is based on the TED_EXPORT XML schema.

1.3. Abbreviations and Acronyms

<i>Abbreviation</i>	<i>Meaning</i>
ECAS	The European Commission Authentication Service is the security gate to enter into the information systems of the EC
EC	European Commission
FTP	File Transfer Protocol
OJS	The Supplement to the Official Journal of the EU, dedicated to European public procurement
OP	Publications Office
PDF	Portable Document Format
SIMAP	The SIMAP portal provides access to most important information about public procurement in Europe.
TED	TED (Tenders Electronic Daily) is the online version of the OJS, dedicated to European public procurement
URI	Uniform Resource Identifier
URL	Uniform Resource Locator
XML	eXtensible Markup Language
XSD	XML Schema Description

1.4. Useful Links

<i>Term</i>	<i>url</i>
ECAS	https://webgate.ec.europa.eu/cas
SIMAP	http://simap.ted.europa.eu
TED	http://ted.europa.eu
TED FTP	ftp.ted.europa.eu

1.5. Applicable and reference Documents

<i>Title</i>	<i>Description</i>
Official standard forms	PDF files available on the SIMAP portal, under “Standard forms for public procurement” http://simap.ted.europa.eu/web/simap/standard-forms-for-public-procurement
Forms’ templates	PDF files where labels are placeholders, available on the FTP server, in “Resources” folder, file: Forms_Templates_<version>.zip
Forms’ labels	Excel file containing the translation in the 24 official EU languages of all the texts used in the standard forms, available on the FTP server, in “Resources” folder, file: Forms_Labels_<version>.zip
TED_EXPORT schema	TED EXPORT schema describes the XML structure of the published notices. The schema is available on the FTP server, in the “Resources” folder, file: TED_Schema_<version>.zip
XML/Labels mapping	Excel file containing the mapping per form, between the xml elements and the corresponding label’s key of the forms templates and forms labels, available on the FTP server, in “Resources” folder, file: XML_Labels_Mapping_<version>.zip
XML/Labels mapping	XML files containing the translation of the values used in the codification fields of the notices, available on the FTP server, in “Resources” folder, file: Codif_Data_<version>.zip
XML samples	One xml instance per form given as an example, available on the FTP server, in “Resources” folder, file: XML_Samples_<version>.zip

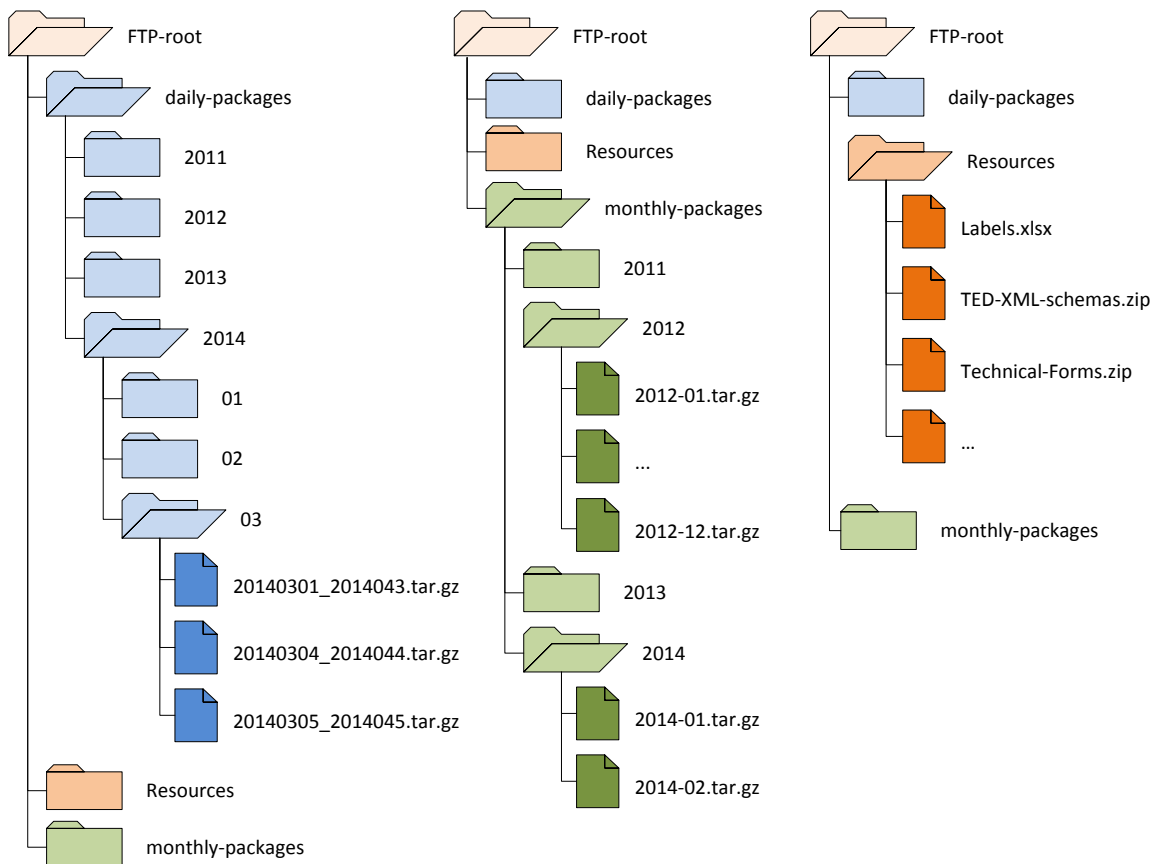
1.6. Contacts

Contact name	
TED Helpdesk	TED@publications.europa.eu

2. The TED FTP server

2.1. Structure of the FTP server

All the notices published in one issue (edition) of the OJS ("Supplement of the Official Journal of the European Union") are stored in a compressed file and available daily on FTP site according to the following structure.



2.2. Structure of the daily packages

The daily package is a compressed archive file, in “tar.gz” format.

yyyymmdd_yyyysss.tar.gz

where:

- *yyyymmdd* = publication date (example: 1st of June 2015: 20150601)
- *yyyssss* = production id [publication year and OJS issue-number] (example: S 12 of year 2015: 2015012)

It contains one folder named *yyyymmdd_sss*

where:

- *yyyymmdd* = publication date (example: 1st of June 2015: 20150601)
- *sss* = OJS issue-number (example: S 12: 012)

This folder contains all the published notices in the OJS.

The notice filename is built according to the TED publication number: *nnnnnn_yyyy.xml*

where:

- *nnnnnn* = Unique sequence number, 6-digits starting with 1 at the beginning of the year
- *yyyy* = publication year

Examples:

```
20150314_2015052.tar.gz
20150314_052/
20150314_052/089578_2015.xml
20150314_052/089579_2015.xml
20150314_052/089580_2015.xml
20150314_052/089581_2015.xml
. . .
```

2.3. Structure of the monthly packages

The monthly package is a compressed archive file, in “tar.gz” format.

It contains all the notices published during one month, according to the same structure as the daily package.

yyyy-mm.tar.gz

where:

- *yyyy* = publication year
- *mm* = publication month

2.4. Resources

2.4.1. The FORMS templates

These PDF files are identical to the official forms, with the difference that the labels have been replaced by placeholders, i.e. label's key.

Section I: Contracting authority

I.1) Name and addresses¹ *(please identify all contracting authorities responsible for the procedure)*

Official name:		
Postal address:		
Town:	NUTS code:	Postal code:
Contact person:		
E-mail:		

<<section_1>>: <<ca>>

I.1) <<name_address_contact>>¹ (<<H_joint_addresses_ca>>)

<<name_official>>:		
<<address_postal>>:		
<<address_town>>:	<<nutscode>>:	<<address_postcode>>:
<<contactpoint>>:		
<<address_email>>:		

2.4.2. The FORMS Labels

An excel worksheet containing all the labels used in the official standard forms.

A key has been assigned to each label.

The table contains the text of the labels in the 24 EU official languages.

Here below, an excerpt of the worksheet with a few labels and the corresponding text in 3 languages.

<i>Label</i>	<i>EN</i>	<i>FR</i>	<i>DE</i>
<i>section_1</i>	Section I	Section I	Abschnitt I
<i>ca</i>	Contracting authority	Pouvoir adjudicateur	Öffentlicher Auftraggeber
<i>address_postal</i>	Postal address	Adresse postale	Postanschrift
<i>address_town</i>	Town	Ville	Ort
<i>award_criteria</i>	Award criteria	Critères d'attribution	Zuschlagskriterien
<i>date_estimated</i>	Estimated date	Date prévue	Voraussichtliches Datum
<i>descr_short</i>	Short description	Description succincte	Kurze Beschreibung
<i>service_cat_no</i>	Service category No	Catégorie de services n°	Dienstleistungskategorie Nr
<i>weighting</i>	Weighting	Pondération	Gewichtung
<i>works</i>	Works	Travaux	Bauftrag

2.4.3. The TED schema

The notices published in **TED-XML** format, are following the XML schema internally known as **TED_EXPORT.xsd**.

Versioning: The version of the schema – TED_EXPORT.xsd – is identified with major and intermediate release number

R2.0.8	R2.0.9	identifies the form's generation complying to a set of Directives
S02	S01	identifies the release number of the schema corresponding to those forms
E01	E01	identifies the release number of the Export version of the schema corresponding to those forms
012-20140129	014-20150909	identifies the intermediate release number for minor changes, not impacting the xml structure

A new generation of 18 standard forms has been designed according to the new public procurement directives 2014/23/EU, 2014/24/EU, 2014/25/EU (OJL 296/2015), with corresponding schema.

Since December 2015, notices which are published under directives of 2014, and are formatted according to the schema R2.0.9.S01.

2.4.4. The HTML/PDF rendering web service

A SOAP Web Service is now available to render the XML notices in HTML or in PDF format, like they appear on the TED website.

The Web Service definition file (a.k.a. WSDL file) is available at <http://ted.europa.eu/TEDWS/noticeviewer/convert/noticeViewer.wsdl>.

The WSDL file contains the definition of the Web Service including a schema which describes all the parameters (e.g. “format” parameter is an enumeration of “pdf” and “html” values, “file” is a BASE64 encoded file, etc...), and allows the creation of a client application to interact with the Web Service.

For bulk automated requests, in order avoid any surcharge of the system and provide a faster service, we strongly recommend to render the XML contained in the daily packages, available on the website and on the FTP.

For any information or comment concerning this feature, please write to ted@publications.europa.eu.

3. The XML notice

For each published notice, there is an XML file.

The file encoding is UTF-8. This encoding has the advantage that all characters in all EU languages can be displayed correctly.

The xml file contains all the information for one notice in its original language, and its partial or full translation in the other official EU languages.

The file is structured in several sections:

- the ROOT element
- the TECHNICAL section
- the LINKS section
- the CODED_DATA section
- the TRANSLATION section
- the FORM section

Convention for the elements listed in the descriptions below:

ABC?	element names followed by “?” are optional
ABC*	element names followed by “*” can be occur 0 to n-times
ABC+	element names followed by “+” can be occur 1 to n-times
ABC {1..24}	this element can be repeated 24 times

An excerpt of a XML notice is illustrating the description of the fields section by section.

3.1. ROOT element

The ROOT element contains the schema location URI and 2 important attributes, the notice publication number and the OJS edition number.

DOC_ID	Unique document number in TED. Format: nnnnnn-yyyy (nnnnnn is a 6 digits number, starting with 1 at the beginning of the year; yyyy = year of publication)
EDITION	Unique Official Journal number Form: yyyyynn (yyyy = year of publication; sss = 3 digits number, starting with 1 at the beginning of the year)

Example:

```
<TED_EXPORT xmlns="http://publications.europa.eu/TED_schema/Export"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xlink="http://www.w3.org/1999/xlink"
xsi:schemaLocation="http://publications.europa.eu/TED_schema/Export/R2.0.8.S02.E01
TED_EXPORT.xsd" DOC_ID="067606-2015" EDITION="2015039">
```

```
<TED_EXPORT
xmlns="http://formex.publications.europa.eu/ted/schema/export/R2.0.9.S01.E01"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xlink="http://www.w3.org/1999/xlink" VERSION="R2.0.9.S01.E01"
xsi:schemaLocation="http://formex.publications.europa.eu/ted/schema/export/R2.0.9.S01.E01 TED_EXPORT.xsd" DOC_ID="055495-2016" EDITION="2016035">
```

3.2. TECHNICAL section

The TECHNICAL section contains some technical information of the OP systems for internal management purpose of the production chain.

RECEPTION_ID	Internal unique identification of the notice in the OP's production system
DELETION_DATE	The date when the notice can be moved from on-line to archive in TED. There is a date, and a rule to compute that date, for each type of notices. Roughly, prior information notices are kept on-line for one year and contract award notices for 3 months; contract notices are kept until the time-limit for the receipt of tenders/requests to participate.
FORM_LG_LIST	List of languages codes in which the notice is published in full translation. It also gives the number of occurrences of the form in the FORM section.
COMMENTS?	Not relevant
OLD_HEADING?	Deprecated

Examples:

```
<TECHNICAL_SECTION>
  <RECEPTION_ID>15-069069-001</RECEPTION_ID>
  <DELETION_DATE>20150406</DELETION_DATE>
  <FORM_LG_LIST>EN </FORM_LG_LIST>
  <COMMENTS>From Convertor</COMMENTS>
  <OLD_HEADING>2540</OLD_HEADING>
</TECHNICAL_SECTION>

<TECHNICAL_SECTION>
  <RECEPTION_ID>15-071406-001</RECEPTION_ID>
  <DELETION_DATE>20150323</DELETION_DATE>
  <FORM_LG_LIST>DA DE EN ES FI FR EL IT NL PT SV CS ET HU LT LV MT PL SK SL GA BG
  RO HR </FORM_LG_LIST>
  <COMMENTS>From Convertor</COMMENTS>
</TECHNICAL_SECTION>
```

3.3. LINKS Section

The LINKS section is foreseen to contain the location of the main references used in the public procurement notices.

XML_SCHEMA_DEFINITION_LINK?	Where the schema is located
OFFICIAL_FORMS_LINK?	Where the official forms can be retrieved
FORMS_LABELS_LINK?	Where the labels used in the forms can be found
ORIGINAL_CPV_LINK?	Where the Common Procurement Vocabulary is located
ORIGINAL_NUTS_LINK?	Where the NUTS codes can be found

Currently all those links are pointing to the TED website.

Example:

```
<LINKS_SECTION>
  <XML_SCHEMA_DEFINITION_LINK xlink:title="TED WEBSITE"
xlink:href="http://ted.europa.eu" . . .
  <OFFICIAL_FORMS_LINK xlink:href="http://ted.europa.eu"
xlink:type="simple"></OFFICIAL_FORMS_LINK>
  <FORMS_LABELS_LINK xlink:href="http://ted.europa.eu"
xlink:type="simple"></FORMS_LABELS_LINK>
  <ORIGINAL_CPV_LINK xlink:href="http://ted.europa.eu" xlink:type="simple
"></ORIGINAL_CPV_LINK>
  <ORIGINAL_NUTS_LINK xlink:href="http://ted.europa.eu"
xlink:type="simple"></ORIGINAL_NUTS_LINK>
</LINKS_SECTION>
```

3.4. CODED_DATA section

The CODED_DATA section is divided in 3 groups of data.

- REF_OJS contains the data related to the publication.
- NOTICE_DATA contains data related to the notice
- CODIF_DATA contains the META data (codification) related to the notice.

3.4.1. REF_OJS data

COLL_OJ	Official Journal collection, S in the present case
NO_OJ	Official Journal number Format: sss (sss = 1-3 digits number, starting with 1 at the beginning of the year)
DATE_PUB	Publication date of the Official Journal Format: yyyymmdd

Example:

```
<CODED_DATA_SECTION>
  <REF_OJS>
    <COLL_OJ>S</COLL_OJ>
    <NO_OJ>39</NO_OJ>
    <DATE_PUB>20150225</DATE_PUB>
  </REF_OJS>
```

3.4.2. NOTICE data

The NOTICE data sub-section contains some general information related to the notice, or information which is extracted from the notice, where it can appear at several places depending on the type of the notice, and copied in this section under a fixed location (xpath).

Some data are included in list which can contain a certain number of the same repeatable element.

- URI list [URI_LIST?]
- Values list [VALUES_LIST?]
- Reference notices list [REF_NOTICE?]

NO_DOC_OJS?	Notice number in TED. Format: yyyy/S sss-nnnnnn (yyyy = year of publication; sss = 3 digits number for the OJS number, nnnnnn is a 6 digits number for the unique sequential number of the notice)
URI_DOC {1..24}	Direct link to the notice on TED, inside the URI list
LG_ORIG	Language(s) in which the notice has been received one of more language codes separated by a space
ISO_COUNTRY	The 2-characters ISO code of the country where the contracting body is located
IA_URL_GENERAL	Main internet address (URL) of the contracting body
IA_URL_ETENDERING?	Electronic address (URL) where the procurement documents are available
ORIGINAL_CPV+	Product or service code(s) and label(s) a 8 digits code of the Common Procurement Vocabulary and its description in English
CURRENT_CPV*	n/a
ORIGINAL_NUTS*	Region code(s) and name(s) of the place of performance or delivery a 2-5 digits code of the “Nomenclature of Territorial Units for Statistics” and its corresponding description in English
CURRENT_NUTS*	n/a
VALUE+	Estimated total value(s) or total final value(s) of the procurement
NO_DOC_OJS+ within REF_NOTICE	Reference notice number in TED. Referencing a previous publication (prior information, corrigendum, ...) Format: yyyy/S sss-nnnnnn (yyyy = year of publication; sss = 3 digits number for the OJS number, nnnnnn is a 6 digits number for the unique sequential number of the notice)

Example:

```
<CODED_DATA_SECTION>
  <REF_OJS> . . . </REF_OJS>
```

```

<NOTICE_DATA>
  <NO_DOC_OJS>2015/S 041-070546</NO_DOC_OJS>
  <URI_LIST>
    <URI_DOC LG="DE">http://ted.europa.eu/udl?uri=TED:NOTICE:070546-
2015:TEXT:DE:HTML</URI_DOC>
    <URI_DOC LG="IT">http://ted.europa.eu/udl?uri=TED:NOTICE:070546-
2015:TEXT:IT:HTML</URI_DOC>
  </URI_LIST>
  <LG_ORIG>DE IT</LG_ORIG>
  <ISO_COUNTRY VALUE="IT"/>
  <IA_URL_GENERAL>http://www.eea.europa.eu</IA_URL_GENERAL>
  <IA_URL_ETENDERING>https://etendering.ted.europa.eu/cft/cft-
display.html?cftId=717</IA_URL_ETENDERING>
  <ORIGINAL_CPV CODE="71240000">Architectural, engineering and planning
services</ORIGINAL_CPV>
  <ORIGINAL_CPV CODE="33696300">Chemical reagents</ORIGINAL_CPV>
  <ORIGINAL_NUTS CODE="FR812">Gard</ORIGINAL_NUTS>
  <VALUES_LIST>
  <VALUES TYPE="GLOBAL">
  <SINGLE_VALUE><VALUE CURRENCY="EUR">22 000</VALUE></SINGLE_VALUE>
</VALUES></VALUES_LIST>
  <REF_NOTICE><NO_DOC_OJS>2014/S 82-143454</NO_DOC_OJS></REF_NOTICE>
</NOTICE_DATA>

```

3.4.3. CODIF data

The Codif_Data sub-section contains descriptive metadata related to the notice content, also previously known as Codification data or Catalogue data.

DS_DATE_DISPATCH	Date of dispatch of the notice Format: yyyyymmdd
DD_DATE_REQUEST_DOCUMENT?	Deadline for request of further information Format: yyyyymmdd hh:mm
DT_DATE_FOR_SUBMISSION?	Deadline for receipt of tenders or requests to participate Format: yyyyymmdd hh:mm
AA_AUTHORITY_TYPE	Type of awarding authority code and description
TD_DOCUMENT_TYPE	Type of document code and description
NC_CONTRACT_NATURE	Nature of contract code and description
PR_PROC	Type of procedure code and description
RP_REGULATION	The regulation that applies to the procedure, code and description
TY_TYPE_BID	Type of bid code and description
AC_AWARD_CRIT	Type of awarding criteria code and description
MA_MAIN_ACTIVITIES*	Main activity of the contracting body, code and description
HEADING	Heading under which the notice is published; a 5 characters code for production internal management
INITIATOR	Indication of the origin of the notice, by economic area or

	by institutions
DIRECTIVE?	The Directive that applies to the notice

Example:

```
<CODED_DATA_SECTION>
<REF_OJS> . . . </REF_OJS>
<NOTICE_DATA> . . . </NOTICE_DATA>
<CODIF_DATA>
  <DS_DATE_DISPATCH>20150223</DS_DATE_DISPATCH>
  <DD_DATE_REQUEST_DOCUMENT>20150330 12:00</DD_DATE_REQUEST_DOCUMENT>
  <DT_DATE_FOR_SUBMISSION>20150401 14:00</DT_DATE_FOR_SUBMISSION>
  <AA_AUTHORITY_TYPE CODE="R">Regional or local Agency/Office</AA_AUTHORITY_TYPE>
  <TD_DOCUMENT_TYPE CODE="3">Contract notice</TD_DOCUMENT_TYPE>
  <NC_CONTRACT_NATURE CODE="2">Supplies</NC_CONTRACT_NATURE>
  <PR_PROC CODE="1">Open procedure</PR_PROC>
  <RP_REGULATION CODE="5">European Union, with participation by GPA
countries</RP_REGULATION>
  <TY_TYPE_BID CODE="3">Submission for one or more lots</TY_TYPE_BID>
  <AC_AWARD_CRIT CODE="2">The most economic tender</AC_AWARD_CRIT>
  <MA_MAIN_ACTIVITIES CODE="S">General public services</MA_MAIN_ACTIVITIES>
  <MA_MAIN_ACTIVITIES CODE="L">Education</MA_MAIN_ACTIVITIES>
  <HEADING>01313</HEADING>
  <INITIATOR>01</INITIATOR>
  <DIRECTIVE VALUE="2014/24/EU" />
</CODIF_DATA>
</CODED_DATA_SECTION>
```

3.5. TRANSLATION Section

The TRANSLATION section contains 3 groups of data.

ML_TITLES (ML_TI_DOC{0..24})	the title of the notice in the 24 official EU languages (original and translations)
ML_AA_NAMES (AA_NAME{1..24})	the awarding authority name in the original language(s) or in all 24 official EU languages for the notices published by an EU or International institution
TRANSLITERATIONS?	the transliterated version of the awarding authority address, when the original languages is not a Latin one, currently in case of Bulgarian or Greek notice

Including those child elements

TI_CY	Name of the country where the contracting body is located
TI_TOWN	Name of the town where the contracting body is located
TI_TEXT	Title of the notice, either the first main CPV code of the object of the contract or the title provided by the contracting body
AA_NAME	The name of the awarding authority
TRANSLITERATED_ADDR	A copy of the address of the awarding authority where the Greek or



	<p>Cyrillic characters have been transposed to the character set of the Latin alphabet The structure of this address is identical to the address in section I.1 of the form.</p>
--	--

Example:

```
<TRANSLATION_SECTION>
  <ML_TITLES>
    <ML_TI_DOC LG="DE">
      <TI_CY>die Niederlande</TI_CY>
      <TI_TOWN>Veldhoven</TI_TOWN>
      <TI_TEXT>Fotokopierer</TI_TEXT>
    </ML_TI_DOC>
    <ML_TI_DOC LG="EN">
      <TI_CY>Netherlands</TI_CY>
      <TI_TOWN>Veldhoven</TI_TOWN>
      <TI_TEXT>Photocopiers</TI_TEXT>
    </ML_TI_DOC>
    <ML_TI_DOC LG="FR">
      <TI_CY>Pays-Bas</TI_CY>
      <TI_TOWN>Veldhoven</TI_TOWN>
      <TI_TEXT>Photocopieurs</TI_TEXT>
    </ML_TI_DOC>
    <ML_TI_DOC LG="IT">
      <TI_CY>Paesi Bassi</TI_CY>
      <TI_TOWN>Veldhoven</TI_TOWN>
      <TI_TEXT>Fotocopiatrici</TI_TEXT>
    </ML_TI_DOC>
    <ML_TI_DOC LG="NL">
      <TI_CY>Nederland</TI_CY>
      <TI_TOWN>Veldhoven</TI_TOWN>
      <TI_TEXT>Fotokopieerapparaten</TI_TEXT>
    </ML_TI_DOC>
    .
    .
    .
  </ML_TITLES>

  <ML_AA_NAMES>
    <AA_NAME LG="NL">Stichting Veldvest voor bijzonder onderwijs in Veldhoven en
omgeving</AA_NAME>
  </ML_AA_NAMES>

  <TRANSLITERATIONS>
    <TRANSLITERATED_ADDR>
      <ORGANISATION>
        <OFFICIALNAME>Eidikos Logariasmos Kondylion Ereynas (ELKE) Panepistimioy
Ioanninon</OFFICIALNAME>
      </ORGANISATION>
      <ADDRESS>B' Ktirio Foititikon Katoikion, los orofos,
Panepistimioypoli</ADDRESS>
      <TOWN>Ioannina</TOWN>
      <POSTAL_CODE>451 10</POSTAL_CODE>
      <COUNTRY VALUE="GR"/>
      <CONTACT_POINT>Eidikos Logariasmos Kondylion Ereynas (ELKE) Panepistimioy
Ioanninon</CONTACT_POINT>
      <ATTENTION>Georgios Ntetsikas</ATTENTION>
      <PHONE>+30 2651007942</PHONE>
      <FAX>+30 2651007951</FAX>
    </TRANSLITERATED_ADDR>
  </TRANSLITERATIONS>
</TRANSLATION_SECTION>
```

3.6. FORM section

The FORM section contains the notice itself, in the XML format.

In general, it corresponds to one of the standard forms; other cases, like EEIG are also mentioned below.

Depending on the criteria of mono/multi-lingual reception, there can be more than one occurrence of the notice in the FORM section.

It can also be repeated 24 times in case of a notice published by an EU or International institution, which is fully translated.

3.6.1. Standard forms in R2.0.8.S02.E01

List of standard forms available in the version **R2.0.8.S02.E01**

Form nbr	Form ROOT element	Form title
F01	PRIOR_INFORMATION	Prior information notice
F02	CONTRACT	Contract notice
F03	CONTRACT_AWARD	Contract award notice
F04	PERIODIC_INDICATIVE_UTILITIES	Periodic indicative notice – utilities
F05	CONTRACT_UTILITIES	Contract notice – utilities
F06	CONTRACT_AWARD_UTILITIES	Contract award notice – utilities
F07	QUALIFICATION_SYSTEM_UTILITIES	Qualification system - utilities
F08	BUYER_PROFILE	Notice on a buyer profile
F09	SIMPLIFIED_CONTRACT	Simplified contract notice on a dynamic purchasing system
F10	CONCESSION	Public works concession
F11	CONTRACT_CONCESSIONAIRE	Contract to be awarded by a concessionaire who is not a contracting authority
F12	DESIGN_CONTEST	Design contest notice
F13	RESULT_DESIGN_CONTEST	Results of a design contest
F14	ADDITIONAL_INFORMATION_CORRIGENDUM	Notice for additional information, information on incomplete procedure or corrigendum
F15	VOLUNTARY_EX_ANTE_TRANSPARENCY_NOTICE	Voluntary ex ante transparency notice
F16	PRIOR_INFORMATION_DEFENCE	Prior information notice for contracts in the field of defence and security
F17	CONTRACT_DEFENCE	Contract notice for contracts in the field of defence and security
F18	CONTRACT_AWARD_DEFENCE	Contract award notice for contracts in the field of defence and security
F19	CONTRACT_SUB_DEFENCE	Subcontracts to be awarded by a successful tenderer who is not a contracting authority/entity
T01	PRIOR_INFORMATION_MOVE	Prior information notice for public service contract
T02	CONTRACT_MOVE	Information notice for award of public service contract

3.6.2. Standard forms in R2.0.9.S01.E01

List of standard forms available in the version **R2.0.9.S01.E01**

Form nbr	ROOT element	Form title
F01	F01_2014	Prior information notice
F02	F02_2014	Contract notice
F03	F03_2014	Contract award notice - Result of the procurement procedure
F04	F04_2014	Periodic indicative notice – utilities
F05	F05_2014	Contract notice – utilities
F06	F06_2014	Contract award notice – utilities - Result of the procurement procedure
F07	F07_2014	Qualification system - utilities
F08	F08_2014	Notice on a buyer profile
F12	F12_2014	Design contest notice
F13	F13_2014	Results of a design contest
F14	F14_2014	Corrigendum - Notice for changes or additional information
F15	F15_2014	Voluntary ex ante transparency notice
F20	F20_2014	Modification notice - Modification of a contract/concession during its term
F21	F21_2014	Social and other specific services – public contracts
F22	F22_2014	Social and other specific services – utilities
F23	F23_2014	Social and other specific services – concessions
F24	F24_2014	Concession notice
F25	F25_2014	Concession award notice - Result of the procurement procedure

3.6.3. Other type of notices in R2.0.8.S02.E01

In addition to the standard forms, there exists 2 other kind of notices following a different structure, namely the EEIG.xsd and some other notices with a flexible structure OTH_NOT.xsd, aka non-structured documents.

3.6.3.1. EEIG

Notices about European economic interest grouping (EEIG)

An EEIG notice is generally composed of the following sections:

Section number and title	Element name	Title key
1. Name of grouping	GROUP_NAME	KEY="dni001a{11}"
2. Date of registration of grouping	DATE_REGISTRATION	KEY="dnj001a{11}"
3. Place of registration of grouping	PLACE_REGISTRATION	KEY="dnk001a{11}"
3.(a) Member State	MEMBER_STATE	KEY="dnl001a{11}"
3.(b) Place	PLACE	KEY="dnm001a{11}"
4. Registration number of grouping	NBR_REGISTRATION	KEY="dnn001a{11}"
5. Publication(s)	PUBLICATIONS	KEY="dno001a{11}"
5.(a) Full title of publication	TI_PUBLICATION	KEY="dnp001a{11}"
5.(b) Name and address of publisher	PUBLISHER	KEY="dnq001a{11}"
5.(c) Date of publication	DATE_PUBLICATION	KEY="dnr001a{11}"

And each section (or sub-section) of the notice is made of 3 elements:

NO_MARK	Section number
TI_MARK	Section title. The title is given as a key like described in the previous table.
TXT_MARK	Section content; free text or address elements in case of section 1.

Example:

```
<FORM_SECTION>
<EEIG CATEGORY="ORIGINAL" LG="EN" VERSION="R2.0.8.S02.E01">
  <FD_EEIG>
    <GROUP_NAME>
      <NO_MARK>1.</NO_MARK>
      <TI_MARK KEY="dni001aen" />
      <TXT_MARK><P>
        <ADDRESS_NOT_MANDATORY>
          <ORGANISATION>Top Habitat E.E.I.G.</ORGANISATION>
        </ADDRESS_NOT_MANDATORY>
      </TXT_MARK>
    </GROUP_NAME>
  </FD_EEIG>
</EEIG>
```

```

<ADDRESS/>
<TOWN>Attard</TOWN>
<COUNTRY VALUE="MT" />
</ADDRESS_NOT_MANDATORY>
</P></TXT_MARK>
</GROUP_NAME>

<DATE_REGISTRATION>
<NO_MARK>2.</NO_MARK>
<TI_MARK KEY="dnj001aen" />
<TXT_MARK><P>12.2.2015</P></TXT_MARK>
</DATE_REGISTRATION>

<PLACE_REGISTRATION> . . .
<MEMBER_STATE> . . .
<PLACE> . . .
<NBR_REGISTRATION> . . .
<PUBLICATIONS> . . .
<TI_PUBLICATION> . . .
<PUBLISHER> . . .
<DATE_PUBLICATION> . . .
</FD_EEIG>
</EEIG>

```

3.6.3.2. ICAR

ICAR stands for “Indications Complémentaires / Avis Rectificatif”, i.e. “notice for additional information, information on incomplete procedure or corrigendum”.

Notices received according to the F14 standard form are currently published in the OTH_NOT format. They follow a typical structure

TI_DOC	Title of the notice
STI_DOC	First sub-title, containing the address of the contracting authority
STI_DOC	Second sub-title, containing the reference to the original notice
OBJ_NOT	Reminder of the description of the procurement of the original notice
CONTENT	The text body of the corrigendum notice

The text body of the corrigendum is a sequence of “instead of / Read”

CORRECT	Is introducing correction(s)
FORREAD	Is an element to group a correction
FOR	“Instead of” part
OLD	Content of the original notice (before correction)
READ	“Read” part
NEW	Amended content

Example:

```
<OTH_NOT LG="EN" VERSION="R2.0.8.S02.E01" . . .
<FD_OTH_NOT>
<TI_DOC><P>UK-Glasgow: X-ray devices</P></TI_DOC>
<STI_DOC>
<P>
<ADDRESS_NOT_STRUCT>
<ORGANISATION>University of Strathclyde</ORGANISATION>
<BLK_BTX>, </BLK_BTX>
<ADDRESS>177 St James Road, Estates Management</ADDRESS>
<BLK_BTX>, </BLK_BTX>
<BLK_BTX>Procurement, </BLK_BTX>
<BLK_BTX>For the attention of: </BLK_BTX>
<ATTENTION>Allan Ferguson</ATTENTION>
<BLK_BTX>, </BLK_BTX>
<BLK_BTX> </BLK_BTX>
<TOWN>Glasgow</TOWN>
<BLK_BTX> </BLK_BTX>
<POSTAL_CODE>G4 0NT</POSTAL_CODE>
<BLK_BTX>, </BLK_BTX>
<COUNTRY VALUE="UK"/>
<BLK_BTX>. Telephone: </BLK_BTX>
<PHONE>+44 1415484310</PHONE>
<BLK_BTX>. E-mail: </BLK_BTX>
<E_MAIL>allan.ferguson@strath.ac.uk</E_MAIL>
</ADDRESS_NOT_STRUCT>
</P>
</STI_DOC>
<STI_DOC>
<P>
<FT TYPE="REFOJ">(Supplement to the Official Journal of the European Union,
14.1.2015, 2015/S 9-010695)</FT>
</P>
</STI_DOC>
<OBJ_NOT>
<INT_OBJ_NOT>RE:</INT_OBJ_NOT>
<CPV>
<CPV_MAIN><CPV_CODE CODE="33111000"/></CPV_MAIN>
<CPV_ADDITIONAL><CPV_CODE CODE="51411000"/></CPV_ADDITIONAL>
<CPV_ADDITIONAL><CPV_CODE CODE="33115000"/></CPV_ADDITIONAL>
</CPV>
<BLK_BTX>
<P>X-ray devices</P>
<P>Installation services of imaging equipment</P>
<P>Tomography devices</P>
</BLK_BTX>
</OBJ_NOT>
<CONTENTS>
<CORREC>
<FOR_READ>
<FOR>
<INT_FOR>Instead of:</INT_FOR>
<OLD QUOTE="NO">
<P>IV.3.4) Time-limit for receipt of tenders or requests to participate:</P>
<P>4.3.2015 (12:00)</P>
</OLD>
</FOR>
<READ>
<INT_READ>Read:</INT_READ>
<NEW QUOTE="NO">
<P>IV.3.4) Time-limit for receipt of tenders or requests to participate:</P>
<P>18.3.2015 (12:00)</P>
</NEW>
```

```

</READ>
</FOR_READ>
</CORREC>
</CONTENTS>
</FD_OTH_NOT>
</OTH_NOT>

```

3.6.3.3. OTH_NOT

The OTH_NOT schema is open to allow the publication of any other notice which is not following a standard form, aka non-structured notice.

It does still follow rules and a typical structure could be

TI_DOC	Title of the notice
STI_DOC	First sub-title, containing the address of the contracting authority
STI_DOC	Other sub-title(s), highlighting information at the beginning of the notice
CONTENT	The text body of the notice

The structure of the text body of an OTH_NOT notice could follow a model like below:

P	A paragraph of text
MARK_LIST	Top element introducing a list of sections
MLI_OCCUR	Section in the list, with a sequence attribute
NO_MARK	Section number
TI_MARK	Section title
TXT_MARK	Section content; free text in P elements or address elements

Example:

```

<OTH_NOT LG="EN" VERSION="R2.0.8.S02.E01" . . .
<FD_OTH_NOT>
<TI_DOC><P>FR-Paris: Supervision of Works on the Construction of State Prison
Naklo</P></TI_DOC>
<STI_DOC>
<P>
<ADDRESS_NOT_STRUCT>
<BLK_BT_X>Contracting entity: </BLK_BT_X>
<ORGANISATION>Council of Europe Development Bank</ORGANISATION>
<BLK_BT_X>, </BLK_BT_X>
<ADDRESS>55 avenue Kléber</ADDRESS>
<BLK_BT_X>, </BLK_BT_X>
<POSTAL_CODE>75116</POSTAL_CODE>
<BLK_BT_X/>
<TOWN>Paris</TOWN>
<BLK_BT_X>, France</BLK_BT_X>
</ADDRESS_NOT_STRUCT>
</P>

```




```
</STI_DOC>
<STI_DOC>
  <P>For the PIU - Ministry of Justice, Bosnia and Herzegovina</P>
</STI_DOC>
<STI_DOC>
  <P>International Institutions</P>
</STI_DOC>
<STI_DOC>
  <P>SUPERVISION - CONTRACT AWARD - INTERNATIONAL PREQUALIFICATION PROCEDURE</P>
</STI_DOC>
<STI_DOC>
  <P>Bosnia and Herzegovina</P>
</STI_DOC>
<STI_DOC>
  <P>EU 2013/S 079-133525</P>
</STI_DOC>
<CONTENTS>
  <P>Employer: Project Implementation Unit on behalf of the Ministry of Justice of
  Bosnia and Herzegovina</P>
  <P>Name of Project: Construction of State Prison NAKLO, Bosnia and
  Herzegovina</P>
  <P>Project ID: F/P 1688 (2009)</P>
  <P>Contract Description: Supervision of works on the construction of State
  prison Naklo, BiH</P>
  <P>Duration: 24 months after Commencement day</P>
  <P>Maximum budget: € 600.000</P>
  <P>Contract number and value: 03-16-23-177/13; € 577.664,10 including V.A.T.</P>
  <P>Contract Signature Date: 13<FT TYPE="SUP">th</FT> May 2014.</P>
  <P>Name & Address of awarded bidder: Joint Venture Investigation y Control
  de Calidad S.A. (INCOSA)-Unioninvest d.d. Sarajevo , C/Arrastaria 21 28.022 Madrid,
  Spain</P>
  <P>Legal basis: Framework Financing Agreement between Council of Europe
  Development Bank and Bosnia and Herzegovina F/P 1688 (2009)</P>
</CONTENTS>
</FD_OTH_NOT>
</OTH_NOT>
```

Or

```
<OTH_NOT LG="EN" VERSION="R2.0.8.S02.E01" . . .
<FD_OTH_NOT>
  <TI_DOC>
    <P>ER-Asmara: Supply of farm equipment, agricultural field tools and instruments
    and meteorological supplies (lots 2, 7 and 9)</P>
  </TI_DOC>
  <STI_DOC>
    <P>Location: East Africa - Eritrea</P>
  </STI_DOC>
  <STI_DOC>
    <P>Contract award notice</P>
  </STI_DOC>
  <STI_DOC>
    <P>Supplies</P>
  </STI_DOC>
  <CONTENTS>
    <P>Common procurement vocabulary (CPV):</P>
    <P>Main object:</P>
    <P>16100000 Agricultural and forestry machinery for soil preparation or
    cultivation - FG17 For use in agriculture</P>
    <MARK_LIST SEP="">
      <MLI_OCCUR NO_SEQ="001">
        <NO_MARK>1.</NO_MARK>
        <TI_MARK>Publication reference:</TI_MARK>
        <TXT_MARK><P>EuropeAid/135194/D/SUP/ER.</P></TXT_MARK>
```



Publications Office

```
</MLI_OCCUR>
<MLI_OCCUR NO_SEQ="002">
  <NO_MARK>2.</NO_MARK>
  <TI_MARK>Previous publication(s) in Official Journal S:</TI_MARK>
  <TXT_MARK>
    <P>Forecast notice:</P>
    <P>Notice number in OJ: 2013/S 215-373172 of 6.11.2013.</P>
    <P>Procurement notice:</P>
    <P>Notice number in OJ: 2013/S 249-433903 of 24.12.2013.</P>
  </TXT_MARK>
</MLI_OCCUR>
<MLI_OCCUR NO_SEQ="003">
  <NO_MARK>3.</NO_MARK>
  <TI_MARK>Lot number and lot title:</TI_MARK>
  <TXT_MARK>
    <P>Supply of farm equipment, agricultural field tools and instruments and
meteorological supplies (lots 2, 7 and 9).</P>
  </TXT_MARK>
</MLI_OCCUR>
<MLI_OCCUR NO_SEQ="004">
  . . .
```

Annex A: Link UTF-8 to TED XML

Please find below a mapping table of the existing fields in the UTF-8 format, to the same information in the TED XML format.

Most xpaths which are valid for schema R2.0.8.S02.E01 will be also valid for the future R2.0.9.S01.E01 schema.

UTF-8 field	Meaning	TED-XML R2.0.8.S02.E01 xpath	TED-XML R2.0.9.S01.E01 xpath
TI	Title	/TED_EXPORT/TRANSLATION_SECTION/ML_TITLES/ML_TI_DOC[@LG=".."]/*	<i>idem</i>
PD	Publication date	/TED_EXPORT/CODED_DATA_SECTION/REF_OJS/DAT E_PUB	<i>idem</i>
ND	Document number	/TED_EXPORT/CODED_DATA_SECTION/NOTICE_DATA/NO_DOC_OJS or /TED_EXPORT/@DOC_ID	<i>idem</i>
OJ	Journal-number	concat (/TED_EXPORT/CODED_DATA_SECTION/REF_OJS/NO_OJ/text(), '-', substring (/TED_EXPORT/CODED_DATA_SECTION/REF_OJS/DATE_PUB, 1, 4)) or /TED_EXPORT/@EDITION	<i>idem</i>
DS	Date sent	/TED_EXPORT/CODED_DATA_SECTION/CODIF_DATA/DS_DATE_DISPATCH	<i>idem</i>
DD	Deadline to require documents	/TED_EXPORT/CODED_DATA_SECTION/CODIF_DATA/DD_DATE_REQUEST_DOCUMENT	<i>idem</i>
DT	Deadline of tender	/TED_EXPORT/CODED_DATA_SECTION/CODIF_DATA/DT_DATE_FOR_SUBMISSION	<i>idem</i>
RN	Reference to another document	/TED_EXPORT/CODED_DATA_SECTION/NOTICE_DATA/REF_NOTICE/NO_DOC_OJS	<i>idem</i>
HD	Heading	/TED_EXPORT/CODED_DATA_SECTION/CODIF_DATA/HEADING	<i>idem</i>
TD	Type of document	/TED_EXPORT/CODED_DATA_SECTION/CODIF_DATA/TD_DOCUMENT_TYPE/(@CODE, text())	<i>idem</i>
NC	Nature of contract	/TED_EXPORT/CODED_DATA_SECTION/CODIF_DATA/NC_CONTRACT_NATURE/(@CODE, text())	<i>idem</i>
PR	Procedure	/TED_EXPORT/CODED_DATA_SECTION/CODIF_DATA/PR_PROC/(@CODE, text())	<i>idem</i>
RP	Regulation of procurement	/TED_EXPORT/CODED_DATA_SECTION/CODIF_DATA/RP_REGULATION/(@CODE, text())	<i>idem</i>
AA	Awarding authority	/TED_EXPORT/CODED_DATA_SECTION/CODIF_DATA/AA_AUTHORITY_TYPE/(@CODE, text())	<i>idem</i>
TY	Type of bid required	/TED_EXPORT/CODED_DATA_SECTION/CODIF_DATA/TY_TYPE_BID/(@CODE, text())	<i>idem</i>
AC	Award criteria	/TED_EXPORT/CODED_DATA_SECTION/CODIF_DATA/AC_AWARD_CRIT/(@CODE, text())	<i>idem</i>
PC / PN	CPV (code and	/TED_EXPORT/CODED_DATA_SECTION/NOTICE_DATA/ORIGINAL_CPV/(@CODE, text())	<i>idem</i>



UTF-8 field	Meaning	TED-XML R2.0.8.S02.E01 xpath	TED-XML R2.0.9.S01.E01 xpath
	denotation)		
RC / RG	NUTS-code (code and denotation)	/TED_EXPORT/CODED_DATA_SECTION/NOTICE_DATA/ORIGINAL_NUTS/(@CODE, text())	idem
CY	country-code	/TED_EXPORT/CODED_DATA_SECTION/NOTICE_DATA/ISO_COUNTRY/@VALUE	idem
OL	Original language(s)	/TED_EXPORT/CODED_DATA_SECTION/NOTICE_DATA/LG_ORIG	idem
AU	Name of the awarding authority	/TED_EXPORT/TRANSLATION_SECTION/ML_AA_NAMES/AA_NAME[@LG="."]/*	idem
TW	Town	/TED_EXPORT/TRANSLATION_SECTION/ML_TITLES/ML_TI_DOC/(@*, TI_TOWN)	idem
CO	Successful bidder	Address(es) of the successful bidders. Only filled in for "Contract Award" documents. <i>Various xpaths depending on the form</i>	//ADDRESS_CONTRACTOR/* //ADDRESS_WINNER/*
AB	Abstract	Description of the works to be done, supplies to be delivered. This part is made out of several paragraphs in the text. <i>Various xpaths depending on the form</i>	/TED_EXPORT/FORM_SECTION/OBJECT_CONTRACT/TITLE/P/(text(),*) and /TED_EXPORT/FORM_SECTION/OBJECT_CONTRACT/SHORT_DESCR/P/(text(),*) and //CPV_CODE/@CODE,
TX	Text	The text of the notice (or a summary of it) in the language chosen by the user. Text starts with subtitles (if there is any), followed by the text body. See annex B for the translations of the xml elements.	
OT	Original text	The full text of the notice in the original language (when it is different from the language chosen by the user). If there are more original languages, the OT field is repeated. Example: we are in the English file and there is only a summary for the English version, but original languages are French and Dutch, then there is first the TX field with the English summary, then an OT field with French original text and another OT field with Dutch original text. See annex B for the translations of the xml elements.	

Annex B: Mapping forms labels and XML elements in R2.0.8

This Annex is useful to TED users who need to convert the TED-XML format into a text format, (comparable to TX and OT elements in former UTF-8 format).

The TED XML format is not directly human readable, but it is best suited for exchange, reuse and further processing of the information.

A human readable rendition of the notices is available in HTML and in PDF on the TED website.

However it is still possible to produce a text file by mapping the XML elements with the corresponding labels.

The mapping can be made based on the information of the 4 following resources (See [1.5](#)):

- The official standard forms.
- The template version of the PDF forms; in this file, there is a place holder (key) for each label.
- The labels translation, in the 24 EU official languages, of all the label keys of the template forms
- The TED_Export XML schema.

Notes!

A web service for rendering notices in HTML and PDF format is available (see [2.4.4](#)).

The mapping is available in the format of an excel sheet per form (See [1.5](#)).

Please find below an explanation on how the mapping between the labels of the standard forms and the XML elements of the schema has been done.

Let's take the standard form 2, Contract notice under Directive 2004/18/EC.

The corresponding template form is in file: 2011-06-27_F02_LB.pdf.

A certain number of fields have been marked up with numbered comment in the standard form, and similarly in the corresponding template form

Point of the form: **I.1) Name, addresses and contact point(s)** is marked with **11**


In the template form, we can retrieve the corresponding placeholder, named **name_address_contact**.

In the excel file for labels, we can search for the key "**name_address_contact**" and find its translation in the 24 EU official languages.

In the XML schema, preferably with the support of a xml editor, we can follow the structure of the form and point to the corresponding element **NAME_ADDRESSES_CONTACT_CONTRACT**.


Most of the elements names are very close to the English label and key label, so that the link can be easily done, based on the similarity of the text of the English version of the form.

Standard form 2 – Contract notice

		European Union ¹ Publication of Supplement to the Official Journal of the European Union ² 2, rue Mercier, 2985 Luxembourg, Luxembourg ³ Fax: +352 29 29 42 670 ⁴ E-mail: ojs@publications.europa.eu ⁵ Info & on-line forms: http://simap.europa.eu ⁶	
		Contract notice ⁷ Directive 2004/18/EC ⁸	
Section I: Contracting authority ⁹ ¹⁰			
I.1) Name, addresses and contact point(s) ¹¹			
Official name: ¹²		National ID: (if known) ¹³ ¹⁴	
Postal address: ¹⁵			
Town: ¹⁶	Postal code: ¹⁷	Country: ¹⁸	
Contact point(s): ¹⁹		Telephone: ²¹	
For the attention of: ²⁰		E-mail: ²² Fax: ²³	
Internet address(es): (if applicable)			
General address of the contracting authority: (URL)			

Section II: Object of the contract ²⁰¹ ²⁰²		
II.1) Description ²⁰³		
II.1.1) Title attributed to the contract by the contracting authority: ²⁰⁴		
II.1.2) Type of contract and location of works, place of delivery or of performance ²⁰⁵ (choose one category only – works, supplies or services – which corresponds most to the specific object of your contract or purchase(s)) ²⁰⁶		
<input type="radio"/> Works ²⁰⁷ <input type="checkbox"/> Execution <input type="checkbox"/> Design and execution <input type="checkbox"/> Realisation, by whatever means of work, corresponding to the requirements specified by the contracting authorities	<input type="radio"/> Supplies ²⁰⁸ <input type="checkbox"/> Purchase <input type="checkbox"/> Lease <input type="checkbox"/> Rental <input type="checkbox"/> Hire purchase <input type="checkbox"/> A combination of these	<input type="radio"/> Services ²⁰⁹ Service category No: [] [] ²¹⁸ Please see Annex C1 for service categories ²¹⁹
Main site or location of works, place of delivery or of performance: ²²⁰		
NUTS code [] [] [] [] [] ²²¹ NUTS code [] [] [] [] []	NUTS code [] [] [] [] [] NUTS code [] [] [] [] []	

Template form F02, file: 2011-06-27 F02 LB.pdf

	HD_eu ¹			
	HD_ojs ²	³	⁴	
	2, rue Mercier, 2985 Luxembourg, HD_address_lux		address_fax: +352 29 29 42 670	
	address_email: ojs@publications.europa.eu		HD_info_forms: http://simap.europa.eu	
	⁵		⁶	
			notice_contract ⁷	
			directive_200418 ⁸	
⁹	¹⁰	section_1: ca		
		¹¹		
	I.1) name_address_contact			
	name_official: ¹²		national_id: (H_ifknown) ¹³ ¹⁴	
	address_postal: ¹⁵			
	address_town: ¹⁶	address_postcode: ¹⁷	address_country: ¹⁸	
¹⁹	contactpoint: ²⁰		address_phone: ²¹	
	address_email: ²²		address_fax: ²³	
	internets: (H_ifapplicable)			
	url_general_ca: (H_url)			

²⁰¹	²⁰²	section_2: object_contract		
	²⁰³	II.1) description		
II.1.1) title_contract_ca: ²⁰⁴				
II.1.2) type_location_place ²⁰⁵ (H_choose_one_category) ²⁰⁶				
<input type="radio"/> works ²⁰⁷		<input type="radio"/> supplies ²⁰⁸	<input type="radio"/> services ²⁰⁹	
<input type="checkbox"/> execution	<input type="checkbox"/> design_execution ^{210 - 212}	<input type="checkbox"/> purchase ²¹³	service_cat_no: [][] ²¹⁸	
<input type="checkbox"/> realisation_ca*		<input type="checkbox"/> lease ²¹⁷	H_service_sel_in_ct ²¹⁹	
		<input type="checkbox"/> rental		
		<input type="checkbox"/> hirepurchase		
		<input type="checkbox"/> combination		
mainsiteplace_works_delivery: ²²⁰				
nutscode [][][][][] ²²¹			nutscode [][][][][]	
nutscode [][][][][]			nutscode [][][][][]	
II.1.3) framework_contract_dps_info				

Mapping the keys in the Labels file

Number	Label	EN	FR
1	HD_eu	European Union	Union européenne
2	HD_ojs	Publication of Supplement to the Official Journal of the European Union	Publication du Supplément au Journal officiel de
3	HD_address_Lux	Luxembourg	Luxembourg
4	address_fax	Fax	Fax
5	address_email	E-mail	E-mail
6	HD_info_forms	Info & on-line forms	Informations et formulaires en ligne
7	notice_contract	Contract notice	Avis de marché
8	directive_200418	Directive 2004/18/EC	Directive 2004/18/CE
9	section_1	Section I	Section I
10	ca	Contracting authority	Pouvoir adjudicateur
11	name_address_contact	Name, addresses and contact point(s)	Nom, adresses et point(s) de contact
12	name_official	Official name	Nom officiel
13	national_id	National ID	Code d'identification national
14	H_ifknown_01	if known	s'il est connu
15	address_postal	Postal address	Adresse postale
16	address_town	Town	Ville
17	address_postcode	Postal code	Code postal
18	address_country	Country	Pays
19	contactpoint	Contact point(s)	Point(s) de contact
20	attentionof	For the attention of	À l'attention de
21	address_phone	Telephone	Téléphone
22	address_email	E-mail	E-mail
23	address_fax	Fax	Fax

Number	Label	EN	FR
201	section_2	Section II	Section II
202	object_contract	Object of the contract	Objet du marché
203	description	Description	Description
204	title_contract_ca:	Title attributed to the contract by the contracting authority	Intitulé attribué au contrat par le pouvoir adjudicateur
205	type_location_place	Type of contract and location of works, place of delivery or of performance	Type de marché et lieu d'exécution, de livraison ou de prestation
206	H_choose_one_category	choose one category only – works, supplies or services – which corresponds most to the specific object of your contract or purchase(s)	Ne choisir qu'une seule catégorie – travaux, fournitures ou services – correspondant le plus à l'objet spécifique de votre marché ou de vos achats
207	works	Works	Travaux
208	supplies	Supplies	Fournitures
209	services	Services	Services
210	execution	Execution	Exécution
211	design_execution	Design and execution	Conception et exécution
212	realisation_ca	Realisation, by whatever means of work, corresponding to the requirements specified by the contracting authorities	Exécution, par quelque moyen que ce soit, de travaux répondant aux exigences spécifiées par le pouvoir adjudicateur
213	purchase	Purchase	Achat
214	lease	Lease	Crédit-bail
215	rental	Rental	Location
216	hirepurchase	Hire purchase	Location-vente
217	combination	A combination of these	Plusieurs de ces formes
218	service_cat_no	Service category No	Catégorie de services n°
219	H_service_sel_in_c1	Please see Annex C1 for service categories	Voir l'annexe C1 pour les catégories de services
220	mainsiteplace_works_delivery	Main site or location of works, place of delivery or of performance	Lieu principal d'exécution des travaux, de livraison des fournitures ou de prestation des services
221	nutscode	NUTS code	Code NUTS

Mapping the XML elements

Number	Label	EN	XML element
7	notice_contract	Contract notice	CONTRACT FORM="2"
8	directive_200418	Directive 2004/18/EC	
9	section_1	Section I	
10	ca	Contracting authority	CONTRACTING_AUTHORITY_INFORMATION
11	name_address_contact	Name, addresses and contact point(s)	NAME_ADDRESSES_CONTACT_CONTRACT
			CA_CE_CONCESSIONAIRE_PROFILE
12	name_official	Official name	ORGANISATION/OFFICIALNAME
13	national_id	National ID	ORGANISATION/NATIONALID
14	H_ifknown_01	if known	
15	address_postal	Postal address	ADDRESS
16	address_town	Town	TOWN
17	address_postcode	Postal code	POSTAL_CODE
18	address_country	Country	COUNTRY VALUE=
19	contactpoint	Contact point(s)	CONTACT_POINT
20	attentionof	For the attention of	ATTENTION
21	address_phone	Telephone	PHONE
22	address_email	E-mail	E_MAILS/E_MAIL
23	address_fax	Fax	FAX

Number	Label	EN	XML element
201	section_2	Section II	
202	object_contract	Object of the contract	OBJECT_CONTRACT_INFORMATION
203	description	Description	DESCRIPTION_CONTRACT_INFORMATION
204	title_contract_ca:	Title attributed to the contract by the contracting authority	TITLE_CONTRACT
205	type_location_place	Type of contract and location of works, place of delivery or of performance	TYPE_CONTRACT_LOCATION
206	H_choose_one_category	choose one category only – works, supplies or services – which corresponds most to the specific object of your contract or purchase(s)	
207	works	Works	TYPE_CONTRACT VALUE="WORKS"
208	supplies	Supplies	TYPE_CONTRACT VALUE="SUPPLIES"
209	services	Services	TYPE_CONTRACT VALUE="SERVICES"
210	execution	Execution	TYPE_WORK_CONTRACT/EXECUTION
211	design_execution	Design and execution	TYPE_WORK_CONTRACT/DESIGN_EXECUTION
212	realisation_ca	Realisation, by whatever means of work, corresponding to the requirements specified by the contracting authorities	TYPE_WORK_CONTRACT /EXECUTION_BY_WHATEVER_MEANS
213	purchase	Purchase	TYPE_SUPPLIES_CONTRACT VALUE="PURCHASE"
214	lease	Lease	TYPE_SUPPLIES_CONTRACT VALUE="LEASE"
215	rental	Rental	TYPE_SUPPLIES_CONTRACT VALUE="RENTAL"
216	hirepurchase	Hire purchase	TYPE_SUPPLIES_CONTRACT VALUE="HIRE_PURCHASE"
217	combination	A combination of these	TYPE_SUPPLIES_CONTRACT VALUE="COMBINATION_THESE
218	service_cat_no	Service category No	SERVICE_CATEGORY
219	H_service_sel_in_c1	Please see Annex C1 for service categories	
220	mainsiteplace_works_delivery	Main site or location of works, place of delivery or of performance	LOCATION_NUTS/LOCATION
221	nutscode	NUTS code	LOCATION_NUTS/NUTS CODE=

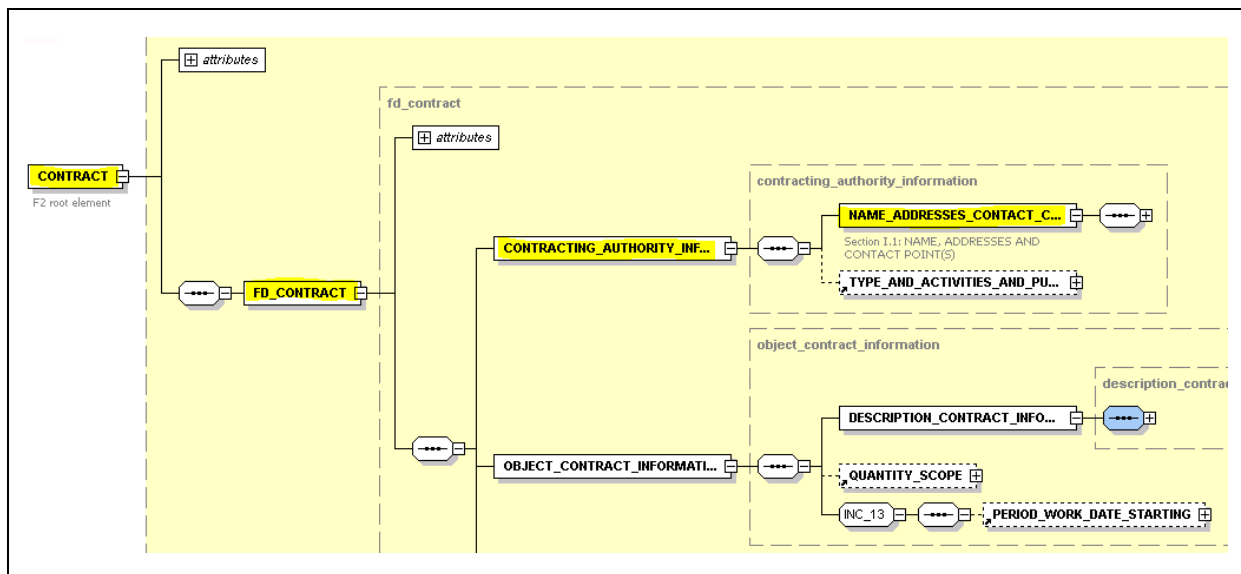
Excerpt of the schema F02 CONTRACT.xsd

F02_CONTRACT.xsd

```

<xs:element name="CONTRACT" type="contract">
<xs:complexType name="contract">
  <xs:sequence>
    <xs:element name="FD_CONTRACT" type="fd_contract"/>
</xs:complexType>
<xs:complexType name="fd_contract">
  <xs:sequence>
    <xs:element name="CONTRACTING_AUTHORITY_INFORMATION"
type="contracting_authority_information"/>
</xs:complexType>
<xs:complexType name="contracting_authority_information">
  <xs:sequence>
    <xs:element name="NAME_ADDRESSES_CONTACT_CONTRACT">

```



Excerpt of a xml notice

```
<FORM_SECTION>
  <CONTRACT FORM="2" VERSION="R2.0.8.S02.E01" LG=... >
    <FD_CONTRACT CTYPE="SERVICES">
      <CONTRACTING_AUTHORITY_INFORMATION>
        <NAME_ADDRESSES_CONTACT_CONTRACT>
          <CA_CE_CONCESSIONAIRE_PROFILE>
            <ORGANISATION>
              <OFFICIALNAME>Publications Office of the European
Union</OFFICIALNAME>
              <NATIONALID>990675627</NATIONALID>
            </ORGANISATION>
            <ADDRESS>2, rue Mercier</ADDRESS>
            <TOWN>Luxembourg</TOWN>
            <POSTAL_CODE>2985</POSTAL_CODE>
            <COUNTRY VALUE="LU"/>
            <CONTACT_POINT>Services des acquisitions</CONTACT_POINT>
            <ATTENTION>Jean Dupond</ATTENTION>
            <PHONE>+352 2929-44331</PHONE>
            <E_MAILS>
              <E_MAIL>op-appels-offres@publications.europa.eu</E_MAIL>
            </E_MAILS>
            <FAX>+352 2929-42672</FAX>
          </CA_CE_CONCESSIONAIRE_PROFILE>
          <INTERNET_ADDRESSES_CONTRACT>
            <URL_GENERAL> . . .
          . . .
        </NAME_ADDRESSES_CONTACT_CONTRACT>
      </CONTRACTING_AUTHORITY_INFORMATION>
    </FD_CONTRACT>
  </CONTRACT>
  <OBJECT_CONTRACT_INFORMATION>
    <DESCRIPTION_CONTRACT_INFORMATION>
      <TITLE_CONTRACT><P>AO 19999 IT services</P></TITLE_CONTRACT>
      <TYPE_CONTRACT_LOCATION>
        <TYPE_CONTRACT VALUE="SERVICES"/>
        <SERVICE_CATEGORY>7</SERVICE_CATEGORY>
      </TYPE_CONTRACT_LOCATION>
      <LOCATION_NUTS>
        <LOCATION><P>Noord-Holland.</P></LOCATION>
        <NUTS CODE="DE263"/>
      </LOCATION_NUTS>
    </DESCRIPTION_CONTRACT_INFORMATION>
  </OBJECT_CONTRACT_INFORMATION>
</FORM_SECTION>
```

Annex C: Mapping forms labels and XML elements in R2.0.9

This Annex is useful to TED users who need to convert the TED-XML format into a text format, (comparable to TX and OT elements in former UTF-8 format).

The TED XML format is not directly human readable, but it is best suited for exchange, reuse and further processing of the information.

A human readable rendition of the notices is available in HTML and in PDF on the TED website.

However it is still possible to produce a text file by mapping the XML elements with the corresponding labels.

The mapping can be made based on the information of the 4 following resources (See [1.5](#)):

- The official standard forms.
- The template version of the PDF forms; in this file, there is a place holder for each label.
- The labels translation, in the 24 EU official languages, of all the label keys of the forms
- The TED_Export XML schema.

In the R2.0.9.S01 version, the TED schema has been much simplified and harmonised between forms, so that generally speaking, the provided mapping in the excel worksheet is self-explanatory and will not require the laborious analysis of the 4 resources mentioned above.

The “Description” column of the worksheet strictly follows the official PDF form and it gives the XML element name and the corresponding label’s key.

Section II: Object ³

II.1) Scope of the procurement

II.1.1) Title:	Reference number: ²
II.1.2) Main CPV code: [][]-[][][]-[][][][] Supplementary CPV code: ¹² [][][][] [][][][]	

Form section	Description	XML element name	Label-key
II	Object	OBJECT_CONTRACT/@ITEM	section_2 object
II.1	Scope of the procurement		quantity_scope_contract
II.1.1	Title		
	Title	TITLE	title_contract
	Reference number	REFERENCE_NUMBER	Fileref
II.1.2	Main CPV code	CPV_MAIN	cpv_main
	CPV code	CPV_CODE/@CODE	
	Supplementary CPV code	CPV_SUPPLEMENTARY_CODE/@CODE	cpv_supplem

Note: A web service for rendering notices in HTML and PDF format is available (see [2.4.4](#)).