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|  | **European Commission**  **DIRECTORATE GENERAL**  **GROWTH** |

ESPD Test Cases Mapping

**Draft proposal**

**v0.1.0**

Document metadata

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| **Document Title** | ESPD Test Cases Mapping |
| **Deliverable ID** |  |
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# Structure of the Document

## Input Documents

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Filename** | **Version** | **Description** |
|  | ESPD\_Testcases | 01 | Identification of the different test cases for the ESPDRequest and the ESPDResponse. |
|  | XML Implementation Guide [[1]](#footnote-1) | 02.00.00 | Understanding of the model underlying the implementation of the ESPD Request and ESPD Response XML documents. |
|  | Data Structures Regulated [[2]](#footnote-2) | 02.00.00 | List of exclusion and selection criterion groups and subgroups. |
|  | Ontology Glossary[[3]](#footnote-3) | 1.46 | Glossary related to the eProcurement. |

Table 1: List of Input documents

## Process

The process to identify the business rules is the following one:

1. **List the test cases ID and test case rule ID** from [RD01]. These rules are common among the test cases; which means that each rule ID must have a unique identifier within the current document (Mapping Rule ID).
2. For each **Mapping Rule ID**:
   1. Map each of the rules to UBL-2.2 XSD as description;
   2. Identify the whole path within UBL-2.2 XSD;
   3. List the business rules coming from the XML implementation guide ([RD02]) and those ones coming from ESPD\_TestCases ([RD01]).
3. Identify the rules coming from Data Structures Regulated spreadsheet ([RD03]).
4. Identify other rules coming from the XML implementation guide ([RD02]).
5. If the term is not described in the Ontology glossary ([RD04]), it is added as a new definition.

## Tables

The process described above uses the following auxiliary tables.

1. Identification of the test cases from [RD01] and mapping it into the UBL-2.2 XSD.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Pre-conditions (from [RD01])** | | | | |
| XSD Schema | | XSD filename. It could be ESPD request or ESPD response.  UBL-QualificationApplicationRequest-2.2-Pre-award.xsd (ESPD Request) or UBL-QualificationApplicationResponse-2.2-Pre-award.xsd (ESPD Response). | | |
| Regulated or Self-contained ESPD | | /cbc:QualificationApplicationTypeCode value, either REGULATED or SELFCONTAINED according to QualificationApplicationType code list. | | |
| Divided into lots | | Number of lots in the current test case (/cac:ProcurementProjectLot /cbc:ID). | | |
| Two-phased procedure | | Type of procedure, whether single-phased (OPEN) or two-phased procedure (different to OPEN) (/cbc:ProcedureCode). | | |
|  | | | | |
| **List of rules (they apply when the previous conditions are met)** | | | | |
| **Rule ID** | **Rule** | | **Scenario ID** | **Scenarios** |
| Test Case Rule ID (from [RD01]) and Mapping Rule ID | Description of the rule and mapping to Mapping Rule ID (current document) | | Scenario ID (from [RD01]) and Mapping Scenario ID | Description of the scenario and mapping to Mapping Scenario ID (current document) |

Table 2: Test Case ID example

1. For each of the rules identified in document [RD01], the following table describes its mapping in natural language:

|  |  |  |
| --- | --- | --- |
| **Mapping Rule ID** | | |
| Test Case Rule ID | Identifier of the Rule from [RD01] | |
| Rule description | Description of the business rule | |
| Mapping description | Description of the mapping between the rule and the XSD | |
| XSD Path | UB-2.2 XSD path | |
| XSD Business Rule description | | XSD Business Rule Schematron |
| Description of the business rule, which applies the XSD (see document [RD02]) | | Description of the business rule from Schematron point of view.  Business rules can be classified as WARNING (user information) or ERROR (fatal error which stops the validation). |
| Other business rules. | | Other business rules. |

Table 3: Mapping rule ID example

# ESPDRequest

## List of Test Cases

List of use cases regarding the ESPD request transaction, which 0 means false and 1 means true:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case ID\*** | **Response** | **Self-Contained** | **Divided into lots** | **Two-phased procedure** |
| [RQ-10](#_RQ-10) | 0 | 0 | 0 | 0 |
| [RQ-20](#_RQ-20) | 0 | 0 | 0 | 1 |
| RQ-30 | 0 | 1 | 0 | 0 |
| RQ-40 | 0 | 1 | 0 | 1 |
| RQ-50 | 0 | 1 | 1 | 0 |
| RQ-60 | 0 | 1 | 1 | 1 |

\* The current document **only** identifies those test cases related to **Regulated ESPD**.

## Test Cases

### RQ-10

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Pre-conditions** | | | | |
| XSD Schema | | UBL-QualificationApplicationRequest-2.2-Pre-award.xsd (ESPD Request) | | |
| Regulated or Self-contained ESPD | | /cbc:QualificationApplicationTypeCode is REGULATED | | |
| Divided into lots | | /cac:ProcurementProjectLot /cbc:ID is 0 (not divided into lots) | | |
| Two-phased procedure | | /cbc:ProcedureCode = OPEN (Open procedure, a single-phased procedure) | | |
|  | | | | |
| **List of rules** | | | | |
| **Rule ID** | **Rule** | | **Scenario ID** | **Scenarios** |
| RQ-10-R10 ([BR-COM-10](#_BR-COM-10_1)) | Information about publication CAN be provided | | RQ-10-R10-S10  ([BR-COM-10-S10](#_BR-COM-10-S10)) | Above the threshold, information about the publication of the contract notice in TED MUST be provided (when it is available) |
| RQ-10-R10-S20 ([BR-COM-10-S20](#_BR-COM-10-S20)) | Below the threshold, information about the publication of the contract notice in TED MIGHT be provided (when it is available) |
| RQ-10-R10-S30 ([BR-COM-10-S30](#_BR-COM-10-S30)) | Information about the publication of the contract notice in other official gazettes or journals MIGHT be provided |
| RQ-10-R20 ([BR-REQ-20](#_BR-COM-20)) | Information about the procurer MUST be provided | | N/A | N/A |
| RQ-10-R30 ([BR-REG-10](#_BR-REG-10)) | Information about the procurement procedure MUST be provided | | N/A | N/A |
| RQ-10-R40 ([BR-REQ-30](#_BR-COM-30)) | Exclusion grounds MUST be retrieved from e-Certis | | RQ-10-R40-S10 ([BR-REQ-30-S10](#_BR-COM-30-S10)) | Information for common exclusion grounds (sections A, B and C) MUST be retrieved from e-Certis. |
| RQ-10-R40-S20 ([BR-REQ-30-S20](#_BR-COM-30-S20)) | Information for national exclusion grounds (section D) MUST be retrieved from e-Certis. |
| RQ-10-R50 ([BR-REQ-40](#_BR-COM-40)) | Selection criteria CAN be provided | | N/A | N/A |

Table 4: Test Case RQ-10

### RQ-20

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Pre-conditions** | | | | |
| XSD Schema | | UBL-QualificationApplicationRequest-2.2-Pre-award.xsd (ESPD Request) | | |
| Regulated or Self-contained ESPD | | /cbc:QualificationApplicationTypeCode is REGULATED | | |
| Divided into lots | | /cac:ProcurementProjectLot /cbc:ID is 0 (not divided into lots) | | |
| Two-phased procedure | | /cbc:ProcedureCode != OPEN (a procedure different to Open procedure, it is a two-phased procedure) | | |
|  | | | | |
| **List of rules** | | | | |
| **Rule ID** | **Rule** | | **Scenario ID** | **Scenarios** |
| RQ-20-R10 ([BR-COM-10](#_BR-COM-10_1)) | Information about publication CAN be provided | | RQ-20-R10-S10  ([BR-COM-10-S10](#_BR-COM-10-S10)) | Above the threshold, information about the publication of the contract notice in TED MUST be provided (when it is available) |
| RQ-20-R10-S20 ([BR-COM-10-S20](#_BR-COM-10-S20)) | Below the threshold, information about the publication of the contract notice in TED MIGHT be provided (when it is available) |
| RQ-20-R10-S30 ([BR-COM-10-S30](#_BR-COM-10-S30)) | Information about the publication of the contract notice in other official gazettes or journals MIGHT be provided |
| RQ-20-R20 ([BR-REQ-20](#_BR-COM-20)) | Information about the procurer MUST be provided | | N/A | N/A |
| RQ-20-R30 ([BR-REG-10](#_BR-REG-10)) | Information about the procurement procedure MUST be provided | | N/A | N/A |
| RQ-20-R40 ([BR-REQ-30](#_BR-COM-30)) | Exclusion grounds MUST be retrieved from e-Certis | | RQ-20-R40-S10 ([BR-REQ-30-S10](#_BR-COM-30-S10)) | Information for common exclusion grounds (sections A, B and C) MUST be retrieved from e-Certis. |
| RQ-20-R40-S20 ([BR-REQ-30-S20](#_BR-COM-30-S20)) | Information for national exclusion grounds (section D) MUST be retrieved from e-Certis. |
| RQ-20-R50 ([BR-REQ-40](#_BR-COM-40)) | Selection criteria CAN be provided | | N/A | N/A |

Table 5: Test Case RQ-20

# ESPDResponse

## List of Test Cases

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case ID\*** | **Response** | **Self-Contained** | **Divided into lots** | **Pre-qualification system** | **EO Role** |
| [RS-10](#_RS-10) | 1 | 0 | 0 | 0 | Sole contractor |
| [RS-20](#_RQ-20) | 1 | 0 | 0 | 1 | Sole contractor |
| RS-30 | 1 | 1 | 0 | 0 | Sole contractor |
| RS-40 | 1 | 1 | 0 | 1 | Sole contractor |
| RS-50 | 1 | 1 | 1 | 0 | Sole contractor |
| RS-60 | 1 | 1 | 1 | 1 | Sole contractor |
| [RS-70](#_RS-70) | 1 | 0 | 0 | 0 | Lead entity |
| [RS-80](#_RS-80) | 1 | 0 | 0 | 1 | Lead entity |
| RS-90 | 1 | 1 | 0 | 0 | Lead entity |
| RS-100 | 1 | 1 | 0 | 1 | Lead entity |
| RS-110 | 1 | 1 | 1 | 0 | Lead entity |
| RS-120 | 1 | 1 | 1 | 1 | Lead entity |
| [RS-130](#_RS-130) | 1 | 0 | 0 | 0 | Group Member |
| [RS-140](#_RS-140) | 1 | 0 | 0 | 1 | Group Member |
| RS-150 | 1 | 1 | 0 | 0 | Group Member |
| RS-160 | 1 | 1 | 0 | 1 | Group Member |
| RS-170 | 1 | 1 | 1 | 0 | Group Member |
| RS-180 | 1 | 1 | 1 | 1 | Group Member |
| [RS-190](#_RS-190) | 1 | 0 | 0 | 0 | Other entity (relied upon) |
| [RS-200](#_RS-260) | 1 | 0 | 0 | 1 | Other entity (relied upon) |
| RS-210 | 1 | 1 | 0 | 0 | Other entity (relied upon) |
| RS-220 | 1 | 1 | 0 | 1 | Other entity (relied upon) |
| RS-230 | 1 | 1 | 1 | 0 | Other entity (relied upon) |
| RS-240 | 1 | 1 | 1 | 1 | Other entity (relied upon) |
| [RS-250](#_RS-270) | 1 | 0 | 0 | 0 | Other entity (not relied upon) |
| [RS-260](#_RS-340) | 1 | 0 | 0 | 1 | Other entity (not relied upon) |
| RS-270 | 1 | 1 | 0 | 0 | Other entity (not relied upon) |
| RS-280 | 1 | 1 | 0 | 1 | Other entity (not relied upon) |
| RS-290 | 1 | 1 | 1 | 0 | Other entity (not relied upon) |
| RS-300 | 1 | 1 | 1 | 1 | Other entity (not relied upon) |

\* The current document **only** identifies those test cases related to **Regulated ESPD**.

## Test Cases

### RS-10

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Pre-conditions** | | | | |
| XSD Schema | UBL-QualificationApplicationResponse-2.2-Pre-award.xsd (ESPD Response) | | | |
| Regulated or Self-contained ESPD | /cbc:QualificationApplicationTypeCode is REGULATED | | | |
| Divided into lots | /cac:ProcurementProjectLot /cbc:ID is 0 (not divided into lots) | | | |
| Pre-qualification system | (not registered on a national pre-qualification system) | | | |
| EO Role | /cac:EconomicOperatorParty/cac:EconomicOperatorRole/cbc:RoleCode is SCLE (Sole contractor)   * The sole contractor or leader will have to identify the entities upon which it relies (and about those on which the entities it relies on rely).   Other criteria: CRITERION.OTHER.EO\_DATA.SUBCONTRACTS\_WITH\_THIRD\_PARTIES   * The sole contractor or leader will have to identify the entities upon which it does not relies. * The sole contractor or leader will have to specify the subcontracted proportion of the group (in the selection criteria "Subcontracted Proportion" of the ESPD).   Selection criteria: CRITERION.SELECTION.ECONOMIC\_FINANCIAL\_STANDING.TURNOVER.SET\_UP   * The EO states that it does not participate together with others; and (circle #24) (Other criterion: CRITERION.OTHER.EO\_DATA.TOGETHER\_WITH\_OTHERS is NO) | | | |
|  | | | | |
| **List of rules** | | | | |
| **Rule ID** | | **Rule** | **Scenario ID** | **Scenarios** |
| RS-10-R10 ([BR-RESP-10](#_BR-RESP-10)) | | Information about the economic operator MUST be provided | N/A | N/A |
| RS-10-R20 ([BR-RESP-20](#_BR-RESP-20)) | | Information about representatives of the economic operator CAN be provided | N/A | N/A |
| RS-10-R30 ([BR-RESP-30](#_BR-RESP-30)) | | Information about compliance of exclusion grounds MUST be provided | N/A | N/A |
| RS-10-R40 ([BR-RESP-40](#_BR-RESP-40)) | | Information about compliance of selection criteria MUST be provided | N/A | N/A |
| RS-10-R50 ([BR-RESP-80](#_BR-RESP-80)) | | Information about the procurement procedure MIGHT be provided | N/A | N/A |

Table 6: Test Case RS-10

### RS-20

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Pre-conditions** | | | | |
| XSD Schema | | UBL-QualificationApplicationResponse-2.2-Pre-award.xsd (ESPD Response) | | |
| Regulated or Self-contained ESPD | | /cbc:QualificationApplicationTypeCode is REGULATED | | |
| Divided into lots | | /cac:ProcurementProjectLot /cbc:ID is 0 (not divided into lots) | | |
| Pre-qualification system | | (registered on a national pre-qualification system) | | |
| EO Role | | /cac:EconomicOperatorParty/cac:EconomnicOperatorRole /cbc:RoleCode is SCLE (Sole contractor) | | |
|  | | | | |
| **List of rules** | | | | |
| **Rule ID** | **Rule** | | **Scenario ID** | **Scenarios** |
| RS-20-R10 ([BR-RESP-10](#_BR-RESP-10)) | Information about the economic operator MUST be provided | | N/A | N/A |
| RS-20-R20 ([BR-RESP-50](#_BR-RESP-50)) | Information about the pre-qualification system the EO is registered on MUST be provided | | N/A | N/A |
| RS-20-R30 ([BR-RESP-20](#_BR-RESP-20)) | Information about representatives of the economic operator CAN be provided | | N/A | N/A |
| RS-20-R40 ([BR-RESP-60](#_BR-RESP-60)) | Information about compliance of exclusion grounds CAN be provided | | RS-20-R40-S10 ([BR-RESP-60-S10](#_BR-RESP-60-S10)) | When the pre-qualification system the EO is registered on does not cover all the exclusion criteria, information about compliance of exclusion grounds MUST be provided. |
| RS-20-R40-S20 ([BR-RESP-60-S20](#_BR-RESP-60-S20)) | When the pre-qualification system the EO is registered on covers all the exclusion criteria, information about compliance of exclusion grounds IS NOT required. |
| RS-20-R50 ([BR-RESP-70](#_BR-RESP-70)) | Information about compliance of selection criteria CAN be provided | | RS-20-R50-S10 ([BR-RESP-70-S10](#_BR-RESP-70-S10)) | When the pre-qualification system the EO is registered on does not cover all the selection criteria, information about compliance of selection criteria MUST be provided. |
| RS-20-R50-S20 ([BR-RESP-70-S20](#_BR-RESP-70-S20)) | When the pre-qualification system the EO is registered on covers all the selection criteria, information about compliance of selection criteria IS NOT required. |
| RS-20-R60 ([BR-RESP-80](#_BR-RESP-80)) | Information about the procurement procedure MIGHT be provided | | N/A | N/A |

Table 7: Test Case RS-20

### RS-70

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Pre-conditions** | | | | |
| XSD Schema | | UBL-QualificationApplicationResponse-2.2-Pre-award.xsd (ESPD Response) | | |
| Regulated or Self-contained ESPD | | /cbc:QualificationApplicationTypeCode is REGULATED | | |
| Divided into lots | | /cac:ProcurementProjectLot /cbc:ID is 0 (not divided into lots) | | |
| Pre-qualification system | | (not registered on a national pre-qualification system) | | |
| EO Role | | /cac:EconomicOperatorParty/cac:EconomnicOperatorRole /cbc:RoleCode is SCLE (Lead entity)  /cbc:EconomicOperatorGroupName becomes compulsory   * The sole contractor or leader will also have to identify the rest of the procurers (in the case of a group);   Other criteria: CRITERION.OTHER.EO\_DATA.TOGETHER\_WITH\_OTHERS   * The sole contractor or leader will have to identify the entities upon which it relies (and about those on which the entities it relies on rely).   Other criteria: CRITERION.OTHER.EO\_DATA.SUBCONTRACTS\_WITH\_THIRD\_PARTIES   * The sole contractor or leader will have to identify the entities upon which it does not relies. * The sole contractor or leader will have to specify the subcontracted proportion of the group (in the selection criteria "Subcontracted Proportion" of the ESPD).   Selection criteria: CRITERION.SELECTION.ECONOMIC\_FINANCIAL\_STANDING.TURNOVER.SET\_UP | | |
|  | | | | |
| **List of rules** | | | | |
| **Rule ID** | **Rule** | | **Scenario ID** | **Scenarios** |
| RS-70-R10 ([BR-RESP-10](#_BR-RESP-10)) | Information about the economic operator MUST be provided | | N/A | N/A |
| RS-70-R20 ([BR-RESP-20](#_BR-RESP-20)) | Information about representatives of the economic operator CAN be provided | | N/A | N/A |
| RS-70-R30 ([BR-LEAD-10](#_BR-LEAD-10)) | When the EO is participating in the procurement procedure together with others, information about the other participants MUST be provided | | RS-70-R30-S10 ([BR-LEAD-01-S10](#_BR-LEAD-10-S10)) | When the EO is participating in the procurement procedure in a group (Consortium, Joint Venture or others), information about the group MUST be provided |
| RS-70-R30-S20 ([BR-LEAD-01-S20](#_BR-LEAD-10-S20)) | When the EO (or any other EO participating in the procurement procedure) relies on the capacities of other entities in order to meet the selection criteria, information about all the entities the EO relies on MUST be provided |
| RS-70-R30-S30 ([BR-LEAD-01-S30](#_BR-LEAD-10-S30)) | When the EO (or any other EO participating in the procurement procedure) intends to subcontract a share of the contract to third parties, information about all subcontractors MUST be provided |
| RS-70-R40 ([BR-RESP-30](#_BR-RESP-30)) | Information about compliance of exclusion grounds MUST be provided | | N/A | N/A |
| RS-70-R50 ([BR-RESP-40](#_BR-RESP-40)) | Information about compliance of selection criteria MUST be provided | | N/A | N/A |
| RS-70-R60 ([BR-RESP-80](#_BR-RESP-80)) | Information about the procurement procedure MIGHT be provided | | N/A | N/A |

Table 10: Test Case RS-70

### RS-80

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Pre-conditions** | | | | |
| XSD Schema | | UBL-QualificationApplicationResponse-2.2-Pre-award.xsd (ESPD Response) | | |
| Regulated or Self-contained ESPD | | /cbc:QualificationApplicationTypeCode is REGULATED | | |
| Divided into lots | | /cac:ProcurementProjectLot /cbc:ID is 0 (not divided into lots) | | |
| Pre-qualification system | | (registered on a national pre-qualification system) | | |
| EO Role | | /cac:EconomicOperatorParty/cac:EconomnicOperatorRole /cbc:RoleCode is SCLE (Lead entity)  /cbc:EconomicOperatorGroupName becomes compulsory | | |
|  | | | | |
| **List of rules** | | | | |
| **Rule ID** | **Rule** | | **Scenario ID** | **Scenarios** |
| RS-80-R10 ([BR-RESP-10](#_BR-RESP-10)) | Information about the economic operator MUST be provided | | N/A | N/A |
| RS-80-R20 ([BR-RESP-50](#_BR-RESP-50)) | Information about the pre-qualification system the EO is registered on MUST be provided | | N/A | N/A |
| RS-80-R30 ([BR-RESP-20](#_BR-RESP-20)) | Information about representatives of the economic operator CAN be provided | | N/A | N/A |
| RS-80-R40 ([BR-LEAD-10](#_BR-LEAD-10)) | When the EO is participating in the procurement procedure together with others, information about the other participants MUST be provided | | RS-80-R40-S10 ([BR-LEAD-01-S10](#_BR-LEAD-10-S10)) | When the EO is participating in the procurement procedure in a group (Consortium, Joint Venture or others), information about the group MUST be provided |
| RS-80-R40-S20 ([BR-LEAD-01-S20](#_BR-LEAD-10-S20)) | When the EO (or any other EO participating in the procurement procedure) relies on the capacities of other entities in order to meet the selection criteria, information about all the entities the EO relies on MUST be provided |
| RS-80-R40-S30 ([BR-LEAD-01-S30](#_BR-LEAD-10-S30)) | When the EO (or any other EO participating in the procurement procedure) intends to subcontract a share of the contract to third parties, information about all subcontractors MUST be provided |
| RS-80-R50 ([BR-RESP-60](#_BR-RESP-60)) | Information about compliance of exclusion grounds CAN be provided | | RS-80-R50-S10 ([BR-RESP-60-S10](#_BR-RESP-60-S10)) | When the pre-qualification system the EO is registered on does not cover all the exclusion criteria, information about compliance of exclusion grounds MUST be provided. |
| RS-80-R50-S20 ([BR-RESP-60-S20](#_BR-RESP-60-S20)) | When the pre-qualification system the EO is registered on covers all the exclusion criteria, information about compliance of exclusion grounds IS NOT required. |
| RS-80-R60 ([BR-RESP-70](#_BR-RESP-70)) | Information about compliance of selection criteria CAN be provided | | RS-80-R60-S10 ([BR-RESP-70-S10](#_BR-RESP-70-S10)) | When the pre-qualification system the EO is registered on does not cover all the selection criteria, information about compliance of selection criteria MUST be provided. |
| RS-80-R60-S20 ([BR-RESP-70-S20](#_BR-RESP-70-S20)) | When the pre-qualification system the EO is registered on covers all the selection criteria, information about compliance of selection criteria IS NOT required. |
| RS-80-R70 ([BR-RESP-80](#_BR-RESP-80)) | Information about the procurement procedure MIGHT be provided | | N/A | N/A |

Table 11: Test Case RS-80

### RS-130

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Pre-conditions** | | | | |
| XSD Schema | | UBL-QualificationApplicationResponse-2.2-Pre-award.xsd (ESPD Response) | | |
| Regulated or Self-contained ESPD | | /cbc:QualificationApplicationTypeCode is REGULATED | | |
| Divided into lots | | /cac:ProcurementProjectLot /cbc:ID is 0 (not divided into lots) | | |
| Pre-qualification system | | (not registered on a national pre-qualification system) | | |
| EO Role | | /cac:EconomicOperatorParty/cac:EconomnicOperatorRole /cbc:RoleCode is GM (Group member)  /cbc:EconomicOperatorGroupName becomes compulsory   * The member of the group will have to produce a complete ESPD; * The member of the group does not have to identify the rest of the procurers or entities. | | |
|  | | | | |
| **List of rules** | | | | |
| **Rule ID** | **Rule** | | **Scenario ID** | **Scenarios** |
| RS-130-R10 ([BR-RESP-10](#_BR-RESP-10)) | Information about the economic operator MUST be provided | | N/A | N/A |
| RS-130-R20 ([BR-RESP-20](#_BR-RESP-20)) | Information about representatives of the economic operator CAN be provided | | N/A | N/A |
| RS-130-R30 ([BR-RESP-30](#_BR-RESP-30)) | Information about compliance of exclusion grounds MUST be provided | | N/A | N/A |
| RS-130-R40 ([BR-RESP-40](#_BR-RESP-40)) | Information about compliance of selection criteria MUST be provided | | N/A | N/A |
| RS-130-R50 ([BR-RESP-80](#_BR-RESP-80)) | Information about the procurement procedure MIGHT be provided | | N/A | N/A |

Table 14: Test Case RS-130

### RS-140

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Pre-conditions** | | | | |
| XSD Schema | | UBL-QualificationApplicationResponse-2.2-Pre-award.xsd (ESPD Response) | | |
| Regulated or Self-contained ESPD | | /cbc:QualificationApplicationTypeCode is REGULATED | | |
| Divided into lots | | /cac:ProcurementProjectLot /cbc:ID is 0 (not divided into lots) | | |
| Pre-qualification system | | (registered on a national pre-qualification system) | | |
| EO Role | | /cac:EconomicOperatorParty/cac:EconomnicOperatorRole /cbc:RoleCode is GM (Group member)  /cbc:EconomicOperatorGroupName becomes compulsory   * The member of the group will have to produce a complete ESPD; * The member of the group does not have to identify the rest of the procurers or entities. | | |
|  | | | | |
| **List of rules** | | | | |
| **Rule ID** | **Rule** | | **Scenario ID** | **Scenarios** |
| RS-140-R10 ([BR-RESP-10](#_BR-RESP-10)) | Information about the economic operator MUST be provided | | N/A | N/A |
| RS-140-R20 ([BR-RESP-50](#_BR-RESP-50)) | Information about the pre-qualification system the EO is registered on MUST be provided | | N/A | N/A |
| RS-140-R30 ([BR-RESP-20](#_BR-RESP-20)) | Information about representatives of the economic operator CAN be provided | | N/A | N/A |
| RS-140-R40 ([BR-RESP-60](#_BR-RESP-60)) | Information about compliance of exclusion grounds CAN be provided | | RS-140-R40-S10 ([BR-RESP-60-S10](#_BR-RESP-60-S10)) | When the pre-qualification system the EO is registered on does not cover all the exclusion criteria, information about compliance of exclusion grounds MUST be provided. |
| RS-140-R40-S20 ([BR-RESP-60-S20](#_BR-RESP-60-S20)) | When the pre-qualification system the EO is registered on covers all the exclusion criteria, information about compliance of exclusion grounds IS NOT required. |
| RS-140-R50 ([BR-RESP-70](#_BR-RESP-70)) | Information about compliance of selection criteria CAN be provided | | RS-140-R50-S10 ([BR-RESP-70-S10](#_BR-RESP-70-S10)) | When the pre-qualification system the EO is registered on does not cover all the selection criteria, information about compliance of selection criteria MUST be provided. |
| RS-140-R50-S20 ([BR-RESP-70-S20](#_BR-RESP-70-S20)) | When the pre-qualification system the EO is registered on covers all the selection criteria, information about compliance of selection criteria IS NOT required. |
| RS-140-R60 ([BR-RESP-80](#_BR-RESP-80)) | Information about the procurement procedure MIGHT be provided | | N/A | N/A |

Table 15: Test Case RS-140

### RS-190

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Pre-conditions** | | | | |
| XSD Schema | | UBL-QualificationApplicationResponse-2.2-Pre-award.xsd (ESPD Response) | | |
| Regulated or Self-contained ESPD | | /cbc:QualificationApplicationTypeCode is REGULATED | | |
| Divided into lots | | /cac:ProcurementProjectLot /cbc:ID is 0 (not divided into lots) | | |
| Pre-qualification system | | (not registered on a national pre-qualification system) | | |
| EO Role | | /cac:EconomicOperatorParty/cac:EconomnicOperatorRole /cbc:RoleCode is OERON (Other entity (relied upon))  Other entity (relied upon): Entity on which the main contractor, the group or another subcontractor relies in order to meet the selection criteria. In this case:   * The entity will have to produce an ESPD; * The entity will not have to identify the rest of the procurers or entities. Beware that an entity could have again another entity which it relies on or a sub-contractor: in this case those entities and sub-contractors will have also to produce their own ESPD Response. | | |
|  | | | | |
| **List of rules** | | | | |
| **Rule ID** | **Rule** | | **Scenario ID** | **Scenarios** |
| RS-190-R10 ([BR-RESP-10](#_BR-RESP-10)) | Information about the economic operator MUST be provided | | N/A | N/A |
| RS-190-R20 ([BR-RESP-20](#_BR-RESP-20)) | Information about representatives of the economic operator CAN be provided | | N/A | N/A |
| RS-190-R30 ([BR-RESP-30](#_BR-RESP-30)) | Information about compliance of exclusion grounds MUST be provided | | N/A | N/A |
| RS-190-R40 ([BR-RESP-40](#_BR-RESP-40)) | Information about compliance of selection criteria MUST be provided | | N/A | N/A |
| RS-190-R50 ([BR-RESP-80](#_BR-RESP-80)) | Information about the procurement procedure MIGHT be provided | | N/A | N/A |

Table 18: Test Case RS-190

### RS-200

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Pre-conditions** | | | | |
| XSD Schema | | UBL-QualificationApplicationResponse-2.2-Pre-award.xsd (ESPD Response) | | |
| Regulated or Self-contained ESPD | | /cbc:QualificationApplicationTypeCode is REGULATED | | |
| Divided into lots | | /cac:ProcurementProjectLot /cbc:ID is 0 (not divided into lots) | | |
| Pre-qualification system | | (registered on a national pre-qualification system) | | |
| EO Role | | /cac:EconomicOperatorParty/cac:EconomnicOperatorRole /cbc:RoleCode is OERON (Other entity (relied upon))  Other entity (relied upon): Entity on which the main contractor, the group or another subcontractor relies in order to meet the selection criteria. In this case:   * The entity will have to produce an ESPD; * The entity will not have to identify the rest of the procurers or entities. Beware that an entity could have again another entity which it relies on or a sub-contractor: in this case those entities and sub-contractors will have also to produce their own ESPD Response. | | |
|  | | | | |
| **List of rules** | | | | |
| **Rule ID** | **Rule** | | **Scenario ID** | **Scenarios** |
| RS-200-R10 ([BR-RESP-10](#_BR-RESP-10)) | Information about the economic operator MUST be provided | | N/A | N/A |
| RS-200-R20 ([BR-RESP-50](#_BR-RESP-50)) | Information about the pre-qualification system the EO is registered on MUST be provided | | N/A | N/A |
| RS-200-R30 ([BR-RESP-20](#_BR-RESP-20)) | Information about representatives of the economic operator CAN be provided | | N/A | N/A |
| RS-200-R40 ([BR-RESP-60](#_BR-RESP-60)) | Information about compliance of exclusion grounds CAN be provided | | RS-200-R40-S10 ([BR-RESP-60-S10](#_BR-RESP-60-S10)) | When the pre-qualification system the EO is registered on does not cover all the exclusion criteria, information about compliance of exclusion grounds MUST be provided. |
| RS-200-R40-S20 ([BR-RESP-60-S20](#_BR-RESP-60-S20)) | When the pre-qualification system the EO is registered on covers all the exclusion criteria, information about compliance of exclusion grounds IS NOT required. |
| RS-200-R50 ([BR-RESP-70](#_BR-RESP-70)) | Information about compliance of selection criteria CAN be provided | | RS-200-R50-S10 ([BR-RESP-70-S10](#_BR-RESP-70-S10)) | When the pre-qualification system the EO is registered on does not cover all the selection criteria, information about compliance of selection criteria MUST be provided. |
| RS-200-R50-S20 ([BR-RESP-70-S20](#_BR-RESP-70-S20)) | When the pre-qualification system the EO is registered on covers all the selection criteria, information about compliance of selection criteria IS NOT required. |
| RS-200-R60 ([BR-RESP-80](#_BR-RESP-80)) | Information about the procurement procedure MIGHT be provided | | N/A | N/A |

Table 19: Test Case RS-200

### RS-250

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Pre-conditions** | | | | |
| XSD Schema | | UBL-QualificationApplicationResponse-2.2-Pre-award.xsd (ESPD Response) | | |
| Regulated or Self-contained ESPD | | /cbc:QualificationApplicationTypeCode is REGULATED | | |
| Divided into lots | | /cac:ProcurementProjectLot /cbc:ID is 0 (not divided into lots) | | |
| Pre-qualification system | | (not registered on a national pre-qualification system) | | |
| EO Role | | /cac:EconomicOperatorParty/cac:EconomnicOperatorRole /cbc:RoleCode is OENRON (Other entity (not relied upon))  Other entity (not relied upon): Entity on which the main contractor, the group or another subcontractor does not rely in order to meet the selection criteria. In this case:   * The entity does not have to provide information about the reduction of the number of qualified candidates | | |
|  | | | | |
| **List of rules** | | | | |
| **Rule ID** | **Rule** | | **Scenario ID** | **Scenarios** |
| RS-250-R10 ([BR-RESP-10](#_BR-RESP-10)) | Information about the economic operator MUST be provided | | N/A | N/A |
| RS-250-R20 ([BR-RESP-20](#_BR-RESP-20)) | Information about representatives of the economic operator CAN be provided | | N/A | N/A |
| RS-250-R30 ([BR-RESP-30](#_BR-RESP-30)) | Information about compliance of exclusion grounds MUST be provided | | N/A | N/A |
| RS-250-R40 ([BR-RESP-80](#_BR-RESP-80)) | Information about the procurement procedure MIGHT be provided | | N/A | N/A |
| RS-250-R50 ([BR-RESP-90](#_BR-RESP-90_(role_OENRON))) | The entity does not have to provide information about the selection criteria | | N/A | N/A |

Table 22: Test Case RS-250

### RS-260

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Pre-conditions** | | | | |
| XSD Schema | | UBL-QualificationApplicationResponse-2.2-Pre-award.xsd (ESPD Response) | | |
| Regulated or Self-contained ESPD | | /cbc:QualificationApplicationTypeCode is REGULATED | | |
| Divided into lots | | /cac:ProcurementProjectLot /cbc:ID is 0 (not divided into lots) | | |
| Pre-qualification system | | (registered on a national pre-qualification system) | | |
| EO Role | | /cac:EconomicOperatorParty/cac:EconomnicOperatorRole /cbc:RoleCode is OENRON (Other entity (not relied upon))  Other entity (not relied upon): Entity on which the main contractor, the group or another subcontractor does not rely in order to meet the selection criteria. In this case:   * The entity will have to produce an ESPD, too; * The entity does not have to provide information about the selection criteria; * The entity does not have to provide information about the reduction of the number of qualified candidates | | |
|  | | | | |
| **List of rules** | | | | |
| **Rule ID** | **Rule** | | **Scenario ID** | **Scenarios** |
| RS-260-R10 ([BR-RESP-10](#_BR-RESP-10)) | Information about the economic operator MUST be provided | | N/A | N/A |
| RS-260-R20 ([BR-RESP-50](#_BR-RESP-50)) | Information about the pre-qualification system the EO is registered on MUST be provided | | N/A | N/A |
| RS-260-R30 ([BR-RESP-20](#_BR-RESP-20)) | Information about representatives of the economic operator CAN be provided | | N/A | N/A |
| RS-260-R40 ([BR-RESP-60](#_BR-RESP-60)) | Information about compliance of exclusion grounds CAN be provided | | RS-260-R40-S10 ([BR-RESP-60-S10](#_BR-RESP-60-S10)) | When the pre-qualification system the EO is registered on does not cover all the exclusion criteria, information about compliance of exclusion grounds MUST be provided. |
| RS-260-R40-S20 ([BR-RESP-60-S20](#_BR-RESP-60-S20)) | When the pre-qualification system the EO is registered on covers all the exclusion criteria, information about compliance of exclusion grounds IS NOT required. |
| RS-260-R50 ([BR-RESP-80](#_BR-RESP-80)) | Information about the procurement procedure MIGHT be provided | | N/A | N/A |
| RS-260-R60 ([BR-RESP-90](#_BR-RESP-90_(role_OENRON))) | The entity does not have to provide information about the selection criteria | | N/A | N/A |

Table 23: Test Case RS-260

# Common Business Rules

## BR-COM-10

|  |  |  |
| --- | --- | --- |
| **Mapping Rule ID** | | |
| Test Case Rule ID | * RQ-10-R10 * RQ-20-R10 | |
| Rule description | Information about publication CAN be provided | |
| Mapping description | Publications are implemented as Document Reference components | |
| XSD Path | /cac:AdditionalDocumentReference[0..n] | |
| Business requirement | [tbr070-007](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr070-007) | |
| XSD Business Rule description | | XSD Business Rule Schematron |
| If the document referenced is a **Contract Notice published on TED** the ID must follow the scheme defined by the Publications Office: **[][][][]/S [][][]-[][][][][][]** (e.g. 2015/S 252-461137). If at the time of drafting the ESPD document the Publication Office has not published yet the Contract Notice the value 0000/S 000-000000 value must be used to indicate that a temporary identifier is being used. | | * Severity: ERROR * If /cac:AdditionalDocumentReference /cbc:DocumentTypeCode is 'TED\_CN' Then /cac:AdditionalDocumentReference /cbc:ID must follow the pattern YYYY/S DDD-DDDDDD |
| If the document being referenced is a Notice being published on TED, use two description lines. Use the second description line to place therein the temporary number received from TED. | | * Severity: WARNING * If /cac:AdditionalDocumentReference /cbc:DocumentTypeCode is 'TED\_CN' Then   /cac:AdditionalReferenceDocument /cac:Attachment /cac:ExternalReference/ cbc:Description multiplicity is two |
| The type of document being referenced, expressed as a code is mandatory. | | * Severity: ERROR * /cac:AdditionalDocumentReference /cbc:DocumentTypeCode is mandatory. |

Table 26: BR-COM-10

### BR-COM-10-S10

|  |  |  |
| --- | --- | --- |
| **Mapping Scenario ID** | | |
| Test Case Scenario ID | * RQ-10-R10-S10 * RQ-20-R10-S10 | |
| Rule description | Above the threshold, information about the publication of the contract notice in TED MUST be provided (when it is available). | |
| Mapping description | ESPD does not carry information about the value of the contract. Therefore, the threshold cannot be calculated. | |
| XSD Path | - | |
| Business requirement | [tbr070-007](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr070-007) | |
| XSD Business Rule description | | XSD Business Rule Schematron |
| - | | **No Schematron rule can be implemented.** |

Table 27: BR-COM-10-S10

### BR-COM-10-S20

|  |  |  |
| --- | --- | --- |
| **Mapping Scenario ID** | | |
| Test Case Scenario ID | * RQ-10-R10-S20 * RQ-20-R10-S10 | |
| Rule description | Below the threshold, information about the publication of the contract notice in TED MIGHT be provided (when it is available). | |
| Mapping description | ESPD does not carry information about the value of the contract. Therefore, the threshold cannot be calculated. | |
| XSD Path | - | |
| Business requirement | [tbr070-007](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr070-007) | |
| XSD Business Rule description | | XSD Business Rule Schematron |
| - | | **No Schematron rule can be implemented.** |

Table 28: BR-COM-10-S20

### BR-COM-10-S30

|  |  |  |
| --- | --- | --- |
| **Mapping Scenario ID** | | |
| Test Case Scenario ID | * RQ-10-R10-S30 | |
| Rule description | Information about the publication of the contract notice in other official gazettes or journals MIGHT be provided. | |
| Mapping description | No specific rules should be applied. | |
| XSD Path | - | |
| Business requirement | [tbr070-007](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr070-007) | |
| XSD Business Rule description | | XSD Business Rule Schematron |
| - | | **No Schematron rule can be implemented.** |

Table 29: BR-COM-10-S30

# Common ESPDRequest Rules

## BR-REQ-20

|  |  |  |
| --- | --- | --- |
| **Mapping Rule ID** | | |
| Test Case Rule ID | * RQ-10-R20 * RQ-20-R20 | |
| Rule description | Information about the procurer MUST be provided | |
| Mapping description | Procurers are implemented as Contracting Party components. | |
| XSD Path | /cac:ContractingParty[1..n]/cac:Party[1] | |
| Business requirement | [tbr070-01](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr070-01) | |
| XSD Business Rule description | | XSD Business Rule Schematron |
| Information about the procurer MUST be provided. | | No Schematron rule can be implemented, as Contracting party is already compulsory. |
| The ESPD only expects data about one buyer. | | * Severity: WARNING * Only one /cac:ContractingParty is expected. |
| Use the official name of the contracting body. Mandatory. | | * Severity: ERROR * /cac:ContractingParty/cac:Party /cac:PartyName/cbc:Name[1] is mandatory |
| Business requirement: [tbr070-006](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr070-006)  The country of the contracting body must always be specified. | | * Severity: ERROR * /cac:ContractingParty/cac:Party /cac:PostalAddress/cac:Country /cbc:IdentificationCode is mandatory |
| More than one identifier can be specified. When possible use the VAT identification of the contracting body. | | * Severity: WARNING * If at least one element: /cac:ContractingParty/cac:Party /cac:PartyIdentification/cbc:ID is not present, there is a warning |
| */cac:ContractingParty/cac:Party/cac:ServiceProviderParty[0..n]* | | |
| Business requirement:[tbr070-011](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr070-0011) | | |
| An identifier for the service provider must always be provided. | | * Severity: ERROR * /cac:ContractingParty/cac:Party /cac:ServiceProviderParty /cac:Party /cac:PartyIdentification/cbc:ID is mandatory. |
| The name of the service provider must always be specified. | | * Severity: ERROR * /cac:ContractingParty/cac:Party /cac:ServiceProviderParty /cac:Party/cac:PartyName /cbc:Name is mandatory. |
| The country of the service provider must always be specified. | | * Severity: ERROR * /cac:ContractingParty/cac:Party /cac:ServiceProviderParty /cac:Party/cac:PostalAddress /cac:Country /cbc:IdentificationCode is mandatory. |

Table 30: BR-REQ-20

## BR-REQ-30

|  |  |  |
| --- | --- | --- |
| **Mapping Rule ID** | | |
| Test Case Rule ID | * RQ-10-R40 * RQ-20-R40 | |
| Rule description | Exclusion grounds MUST be retrieved from e-Certis. | |
| Mapping description | Exclusion criteria or grounds are implemented as Tendering Criterion components. | |
| XSD Path | /cac:TenderingCriterion[1..n]  And,  /cac:TenderingCriterion/cbc:CriterionTypeCode starts with “CRITERION.EXCLUSION.” (they are exclusion criteria). | |
| Business requirement | [tbr070-009](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr070-009) | |
| XSD Business Rule description | | XSD Business Rule Schematron |
| The Business Rules listed within “10 Tendering Criterion General Rules” are general to all TenderingCriterion. | | |

Table 31: BR-REQ-30

### BR-REQ-30-S10

|  |  |  |
| --- | --- | --- |
| **Mapping Scenario ID** | | |
| Test Case Scenario ID | * RQ-10-R40-S10 | |
| Rule description | Information for common exclusion grounds (sections A, B and C) MUST be retrieved from e-Certis. | |
| Mapping description | The spreadsheets [RD03] carries the information from e-Certis. No additional business rules are needed in this scenario. | |
| XSD Path | - | |
| Business requirement | [tbr070-009](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr070-009) | |
| XSD Business Rule description | | XSD Business Rule Schematron |
| - | | **No Schematron rule can be implemented** |

Table 32: BR-REQ-30-S10

### BR-REQ-30-S20

|  |  |  |
| --- | --- | --- |
| **Mapping Scenario ID** | | |
| Test Case Scenario ID | * RQ-10-R40-S20 | |
| Rule description | Information for national exclusion grounds (section D) MUST be retrieved from e-Certis. | |
| Mapping description | No additional business rules are needed in this scenario. | |
| XSD Path | - | |
| Business requirement | [tbr070-009](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr070-009) | |
| XSD Business Rule description | | XSD Business Rule Schematron |
| - | | **No Schematron rule can be implemented** |

Table 33: BR-REQ-30-S20

## BR-REQ-40

|  |  |  |
| --- | --- | --- |
| **Mapping Rule ID** | | |
| Test Case Rule ID | * RQ-10-R50 * RQ-20-R50 | |
| Rule description | Selection criteria CAN be provided. | |
| Mapping description | Selection criteria are implemented as Tendering Criterion components. | |
| XSD Path | /cac:TenderingCriterion[0..n]  And,  /cac:TenderingCriterion/cbc:CriterionTypeCode starts with “CRITERION.SELECTION.” (they are selection criteria). | |
| Business requirement | [tbr070-010](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr070-010) | |
| XSD Business Rule description | | XSD Business Rule Schematron |
| The Business Rules listed within “10 Tendering Criterion General Rules” are general to all TenderingCriterion. | | |

Table 34: BR-REQ-40

# ESPDRequest Regulated Rules

## BR-REG-10

|  |  |  |
| --- | --- | --- |
| **Mapping Rule ID** | | |
| Test Case Rule ID | * RQ-10-R30 * RQ-20-R30 | |
| Rule description | Information about the procurement procedure MUST be provided | |
| Mapping description | Procurement procedures are implemented as Procurement Project components | |
| XSD Path | * /cac:ProcurementProject[1] * /cbc:ContractFolderID[1] | |
| Business requirement | [tbr070-007](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr070-007) | |
| XSD Business Rule description | | XSD Business Rule Schematron |
| For the Regulated ESDP Request only three basic data are required: the title, a short description and the file (i.e. case) reference number attributed by the Contracting Authority to the procurement procedure. | | * Severity: ERROR * The following elements are mandatory: * /cbc:ContractFolderID * /cac:ProcurementProject /cbc:Name |
| * Severity: WARNING * The following elements are mandatory: * /cac:ProcurementProject /cbc:Description |

Table 35: BR-REG-10

# Two-phased Procedures Common Rules

## BR-2P-10

|  |  |  |
| --- | --- | --- |
| **Mapping Rule ID** | | |
| Test Case Rule ID | SELF-CONTAINED | |
| Rule description | Information about weighting MUST be provided | |
| Mapping description | The global information related to the weighted criteria are the type and description. | |
| XSD Path | * /cbc:WeightScoringMethodologyDescription[0..n] * /cbc:WeightingType[0..1] | |
| Business requirement | [tbr070-016](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr070-016) | |
| XSD Business Rule description | | XSD Business Rule Schematron |
| Defining the type of weighting and description is mandatory when it is two-phased procedure. | | * Severity: ERROR * The following elements are mandatory: * /cbc:WeightingType * /cbc:WeightScoringMethodologyDescription |

Table 36: BR-2P-10

### BR-2P-10-S10

|  |  |  |
| --- | --- | --- |
| **Mapping Scenario ID** | | |
| Test Case Scenario ID | SELF-CONTAINED | |
| Rule description | For two-phased procedure with weighted criteria the information about weighting for each criteria within “Technical and professional ability” MUST be provided | |
| Mapping description | Common information about weighting is implemented as in [BR-2P-10](#_BR-2P-10).  Specific information about weighting within each criteria is implemented as Tendering Criterion components. | |
| XSD Path | * /cac:TenderingCriterion/cbc:EvaluationMethodTypeCode[0..1] * /cac:TenderingCriterion/cbc:WeightNumeric[0..1] | |
| Business requirement | [tbr070-016](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr070-016) | |
| XSD Business Rule description | | XSD Business Rule Schematron |
| If the criterion type corresponds to “Technical and professional ability”, and the evaluation type is Weighted, specific information about weighting is mandatory. | | * Severity: ERROR * If /cac:TenderingCriterion/cbc:CriterionTypeCode [0..1] is within 'CRITERION.SELECTION.TECHNICAL\_PROFESSIONAL\_ABILITY.TECHNICAL.\*' group   And, /cac:TenderingCriterion /cbc:EvaluationMethodTypeCode = WEIGHTED  Then, it is mandatory to provide a numeric Weight value: /cac:TenderingCriterion/cbc:WeightNumeric |

Table 37: BR-2P-10-S10

### BR-2P-10-S20

|  |  |  |
| --- | --- | --- |
| **Mapping Scenario ID** | | |
| Test Case Scenario ID | SELF-CONTAINED | |
| Rule description | For two-phased procedure without weighted criteria, additional information regarding weighting IS NOT required | |
| Mapping description | Information regarding weighting is not expected when evaluation method type is pass/fail. | |
| XSD Path | * /cac:TenderingCriterion /cbc:EvaluationMethodTypeCode[0..1] | |
| Business requirement | [tbr070-016](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr070-016) | |
| XSD Business Rule description | | XSD Business Rule Schematron |
| If evaluation method is pass/fail, weighting is not required. | | * Severity: ERROR * If, /cac:TenderingCriterion /cbc:EvaluationMethodTypeCode = WEIGHTED   Then, Weight value cannot be provided: /cac:TenderingCriterion/cbc:WeightNumeric |

Table 38: BR-2P-10-S10

# Common ESPDResponse Rules

## BR-RESP-10

|  |  |  |  |
| --- | --- | --- | --- |
| **Mapping Rule ID** | | | |
| Test Case Rule ID | * RS-10-R10 * RS-20-R10 * RS-70-R10 * RS-80-R10 * RS-130-R10 * RS-140-R10 | | * RS-190-R10 * RS-200-R10 * RS-250-R10 * RS-260-R10 |
| Rule description | Information about the economic operator MUST be provided | | |
| Mapping description | Economic operator data is implemented as Economic Operator Party components. | | |
| XSD Path | * /cac:EconomicOperatorParty[1..n] | | |
| XSD Business Rule description | | XSD Business Rule Schematron | |
| The economic operator must include in its ESPD Response document a reference to the ESPD Request. | | * See BR-COM-10 | |
| */cac:EconomicOperatorParty/cac:QualifyingParty* | | | |
| Business requirement:[tbr92-001](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr92-001) | | | |
| **Qualifying party** is **compulsory** in the ESPD-EDM V02.00.00 as it is the natural placeholder for several relevant data about the Economic Operator. | | * Severity: ERROR * Qualifying party is mandatory:   /cac:EconomicOperatorParty /cac:QualifyingParty | |
| **Qualifying party / Party identifier**: The attribute schemeAgencyID must hold the value retrieved from eCertis that identifies unequivocally the (pre)qualification system. If, for any reason, that value is not available use the default schemeAgencyID "EU-COM-GROW" and the cac:EconomicOperatorParty /cac:PartyIdentificaton /cbc:ID for the value of the identifier. Additionally you can use the data structure CRITERION.OTHER.EO\_DATA.REGISTERED\_IN\_OFFICIAL\_LIST to specify an alternative or additional name, identifier and description. | | * Severity NONE * schemeAgencyID attribute from Party identifier is always mandatory. The current version of eCertis does not allow for this feature yet. Therefore, the logic expected schemeAgencyID defaults to “EU-COM-GROW”. This will not be validated in version 2.0.1. | |
| */cac:EconomicOperatorParty/cac:EconomicOperatorRole* | | | |
| Business requirement: [tbr92-008](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr92-008) | | | |
| This element is compulsory in the ESPD-EDM V02.00.00 because depending on it different sets of data will be required or not, shown or hidden, processed or skipped. | | * Severity: ERROR * Economic operator role is mandatory:   /cac:EconomicOperatorParty /cac:EconomicOperatorRole | |
| Identifies the role of the economic operator in the bid. | | * Severity: ERROR * Economic operator role is mandatory:   /cac:EconomicOperatorParty /cac:EconomicOperatorRole /cbc:RoleCode | |
| */cac:EconomicOperatorParty/cac:Party* | | | |
| Business requirement:[tbr92-001](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr92-001) | | | |
| An identifier that identifies the economic operator is mandatory. | | * Severity: ERROR * Compulsory use of the element: /cac:PartyIdentification/cbc:ID | |
| The name of the economic operator is mandatory. | | * Severity: ERROR * Compulsory use of the element: /cac:PartyName/cbc:Name | |
| Business requirement: [tbr92-004](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr92-004)  **Industrial classification**: Compulsory use of the element. | | * Severity: ERROR * Compulsory use of the element: /cbc:IndustryClassificationCode | |
| Business requirement: [tbr92-012](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr92-012)  **Country**: The country of the contracting body must always be specified. | | * Severity: ERROR * Country of the contracting body is mandatory: /cac:EconomicOperatorParty /cac:Party /cac:PostalAddress/cac:Country /cbc:IdentificationCode | |
| */cac:EconomicOperatorParty/cac:Party/cac:ServiceProviderParty/cac:Party* | | | |
| Business requirement: [tbr070-021](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr070-021) | | | |
| **End point identifier**: An end-point identifier MUST have a scheme identifier attribute. | | * Severity: ERROR * Compulsory use of the attribute schemeID: /cbc:EndpointID/@schemeID | |
| **Name**: The name of the service provider must always be specified. | | * Severity: ERROR * The name of the service provided is mandatory:   /cac:PartyName/cbc:Name | |
| **Country**: The country of the service provider must always be specified. | | * Severity: ERROR * The country of the service provided is mandatory:   /cac:PostalAddress/cac:Country /cbc:IdentificationCode | |
| **Identifier**: An identifier for the service provider must always be provided. | | * Severity: ERROR * The identifier of the service provided is mandatory:   /cac:PartyIdentification/cbc:ID | |

Table 39: BR-RESP-10

## BR-RESP-20

|  |  |  |  |
| --- | --- | --- | --- |
| **Mapping Rule ID** | | | |
| Test Case Rule ID | * RS-10-R20 * RS-20-R30 * RS-70-R20 * RS-80-R30 * RS-130-R20 | | * RS-140-R30 * RS-190-R20 * RS-200-R30 * RS-250-R20 * RS-260-R30 |
| Rule description | Information about representatives of the economic operator CAN be provided | | |
| Mapping description | All the data regarding the representative of the economic operators is placed in the UBL-2.2 component cac:EconomicOperatorParty/cac:Party/cac:PowerOfAttorney. | | |
| XSD Path | * /cac:EconomicOperatorParty/cac:Party /cac:PowerOfAttorney | | |
| Business requirement | [tbr92-009](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr092-009) | | |
| XSD Business Rule description | | XSD Business Rule Schematron | |
| Name, Family name and country of the natural person are mandatory | | * Severity: ERROR * /cac:EconomicOperatorParty/cac:Party /cac:PowerOfAttorney is an optional element. If it is used, the following sub-elements are mandatory:   + /cac:AgentParty/cac:Person /cbc:FirstName   + /cac:AgentParty/cac:Person /cbc:FamilyName   + /cac:AgentParty/cac:Person /cac:ResidenceAddress/cac:Country /cbc:IdentificationCode | |

Table 40: BR-RESP-20

## BR-RESP-80

|  |  |  |  |
| --- | --- | --- | --- |
| **Mapping Rule ID** | | | |
| Test Case Rule ID | * RS-10-R10 * RS-20-R10 * RS-70-R10 * RS-80-R10 * RS-130-R10 | | * RS-140-R10 * RS-190-R10 * RS-200-R10 * RS-250-R10 * RS-260-R10 |
| Rule description | Information about the procurement procedure MIGHT be provided | | |
| Mapping description | Procurement procedures are implemented as Procurement Project components | | |
| XSD Path | * /cac:ProcurementProject[0..1] * /cbc:ContractFolderID[1] | | |
| Business requirement | [tbr92-013](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr92-013) | | |
| XSD Business Rule description | | XSD Business Rule Schematron | |
| For the Regulated only three basic data are required: the title, a short description and the file (i.e. case) reference number attributed by the Contracting Authority to the procurement procedure. | | * Severity: ERROR * The following elements are mandatory: * /cbc:ContractFolderID * ProcurementProject is optional, however if it is defined, its name is mandatory /cac:ProcurementProject /cbc:Name | |
| * Severity: WARNING * The following elements are mandatory: * /cac:ProcurementProject /cbc:Description | |

Table 35: BR-REG-80

# Not registered pre-qualification system Rules

## BR-RESP-30

|  |  |  |  |
| --- | --- | --- | --- |
| **Mapping Rule ID** | | | |
| Test Case Rule ID | * RS-10-R30 * RS-70-R40 * RS-130-R30 | | * RS-190-R30 * RS-250-R30 |
| Rule description | Information about compliance of exclusion grounds MUST be provided | | |
| Mapping description | Criterion responses are implemented as Tendering Criterion response components | | |
| XSD Path | * /cac:TenderingCriterionResponse | | |
| XSD Business Rule description | | XSD Business Rule Schematron | |
| Business requirement: [tbr92-018](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr092-018)*,* [tbr92-007](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr092-007), tbr92-005, [tbr92-006](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr092-006)  Validated Criterion Property ID MUST point at one of the TenderingCriterionProperty/cbc:ID that were included in the Request document. | | * Severity: ERROR * /cac:TenderingCriterionResponse /cbc:ValidatedCriterionPropertyID is mandatory. * /cac:TenderingCriterionResponse /cbc:ValidatedCriterionPropertyID must match one of the IDs within /cac:TenderingCriterionProperty /cbc:ID | |
| Business requirement: [tbr92-018](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr092-018)*,* [tbr92-007](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr092-007), tbr92-005, [tbr92-006](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr092-006)  If Confidentiality value is true, all the evidences associated to this response becomes also confidential. | | **No Schematron rule can be implemented.** | |
| Business requirement: [tbr92-017](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr92-017)  The expected Evidence identifier must match the value of a cac:Evidence/cbc:ID present in the XML document. | | * Severity: ERROR * /cac:TenderingCriterionResponse /cac:EvidenceSupplied/cbc:ID must match one of the IDs within /cac:Evidence /cbc:ID | |
| Business requirement: [tbr92-018](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr92-018)  The current structure for the response allows responding values inside the cac:ResponseValue element or in other elements of the cac:TenderingCriterionResponse, like cac:ApplicablePeriod and cac:EvidenceSupplied. | | * Severity: ERROR * Only one of the /cac:TenderingCriterionResponse sub elements (/cac:ResponseValue, /cac:ApplicablePeriod or /cac:EvidenceSupplied) is mandatory. | |
| Business requirement: [tbr92-018](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr92-018)  One cac:ResponseValue element contains the complete list of possible values for one answer to a criterion property. Only **one type of element can be used to answer a criterion property**, and that element MUST be of the **same type as the one specified as expected in the ESPD Request** (element cac:TenderingCriterionProperty /cac:ValueDataTypeCode). | | * Severity: ERROR * Only one sub-element within /cac:TenderingCriterionResponse /cac:ResponseValue is admitted at the same time. * The mandatory sub-element within /cac:TenderingCriterionResponse /cac:ResponseValue depends on /cac:TenderingCriterion /cac:TenderingCriterionPropertyGroup /cac:TenderingCriterionProperty /cac:ValueDataTypeCode (see the relationship on *Table 44: Matching between data type and response*) | |
| Business requirement: [tbr92-018](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr92-018)  Recommendation: use a UUDI-version 4 number on Response value identifier. | | * Severity: WARNING * /cac:TenderingCriterionResponse /cac:ResponseValue/cbc:ID should follow UUDI-version 4 structure. | |
| Business requirement: [tbr070-013](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr070-013)  Groups codified as ON\* must be processed always | | * Severity: ERROR * If /cac:TenderingCriterionResponse /cbc:ValidatedCriterionPropertyID matches one of the IDs within /cac:TenderingCriterionGroupPropertyGroup /cbc:ID, and its /cbc:PropertyGroupTypeCode = ‘ON\*’   Then, its /cac: SubsidiaryTenderingCriterionPropertyGroup /cbc:ID must exist within /cac:TenderingCriterionResponse /cbc:ValidatedCriterionPropertyID   * Same rule applies to: /cac:SubsidiaryTenderingCriterionPropertyGroup | |
| Business requirement: [tbr070-013](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr070-013)  Groups codified as ONTRUE must be processed if response is True | | * Severity: ERROR * If /cac:TenderingCriterionResponse /cac:ResponseValue /cbc:ResponseIndicator = true and /cac:TenderingCriterionResponse /cbc:ValidatedCriterionPropertyID matches one of the IDs within /cac:TenderingCriterionGroupPropertyGroup /cbc:ID, and its /cbc:PropertyGroupTypeCode = ‘ONTRUE’   Then, its /cac: SubsidiaryTenderingCriterionPropertyGroup /cbc:ID must exist within /cac:TenderingCriterionResponse /cbc:ValidatedCriterionPropertyID   * Same rule applies to: /cac:SubsidiaryTenderingCriterionPropertyGroup | |
| * Severity: ERROR * If /cac:TenderingCriterionResponse /cac:ResponseValue /cbc:ResponseIndicator = false and /cac:TenderingCriterionResponse /cbc:ValidatedCriterionPropertyID matches one of the IDs within /cac:TenderingCriterionGroupPropertyGroup /cbc:ID, and its /cbc:PropertyGroupTypeCode = ‘ONTRUE’   Then, its /cac: SubsidiaryTenderingCriterionPropertyGroup /cbc:ID cannot exist within /cac:TenderingCriterionResponse /cbc:ValidatedCriterionPropertyID   * Same rule applies to: /SubsidiaryTenderingCriterionPropertyGroup | |
| Business requirement: [tbr070-013](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr070-013)  Groups codified as ONFALSE must be processed if response is False | | * Severity: ERROR * If /cac:TenderingCriterionResponse /cac:ResponseValue /cbc:ResponseIndicator = false and /cac:TenderingCriterionResponse /cbc:ValidatedCriterionPropertyID matches one of the IDs within /cac:TenderingCriterionGroupPropertyGroup /cbc:ID, and its /cbc:PropertyGroupTypeCode = ‘ONFALSE’   Then, its /cac: SubsidiaryTenderingCriterionPropertyGroup /cbc:ID must exist within /cac:TenderingCriterionResponse /cbc:ValidatedCriterionPropertyID   * Same rule applies to: /SubsidiaryTenderingCriterionPropertyGroup | |
| * Severity: ERROR * If /cac:TenderingCriterionResponse /cac:ResponseValue /cbc:ResponseIndicator = true and /cac:TenderingCriterionResponse /cbc:ValidatedCriterionPropertyID matches one of the IDs within /cac:TenderingCriterionGroupPropertyGroup /cbc:ID, and its /cbc:PropertyGroupTypeCode = ‘ONFALSE’   Then, its /cac: SubsidiaryTenderingCriterionPropertyGroup /cbc:ID cannot exist within /cac:TenderingCriterionResponse /cbc:ValidatedCriterionPropertyID   * Same rule applies to: /SubsidiaryTenderingCriterionPropertyGroup | |

Table 43: BR-RESP-30

|  |  |
| --- | --- |
| /cac:TenderingCriterion /cac:TenderingCriterionPropertyGroup /cac:TenderingCriterionProperty/cac:ValueDataTypeCode | /cac:TenderingCriterionResponse /cac:ResponseValue |
| AMOUNT | ../cac:ResponseValue/cbc:ResponseAmount |
| CODE | ../cac:ResponseValue/cbc:ResponseCode |
| CODE\_COUNTRY | ../cac:ResponseValue/cbc:ResponseCode |
| DATE | ../cac:ResponseValue/cbc:ResponseDate |
| DESCRIPTION | ../cac:ResponseValue/cbc:Description |
| EVIDENCE\_IDENTIFIER | ../cac:EvidenceSupplied/cbc:ID |
| INDICATOR | ../cac:ResponseValue/cbc:ResponseIndicator |
| PERCENTAGE | ../cac:ResponseValue/cbc:ResponseNumeric |
| PERIOD | ../cac:ApplicablePeriod |
| QUANTITY\_INTEGER | ../cac:ResponseValue/cbc:ResponseQuantity /@unitCode=”QUANTITY\_INTEGER” |
| QUANTITY\_YEAR | ../cac:ResponseValue/cbc:ResponseQuantity /@unitCode=”QUANTITY\_YEAR” |
| QUANTITY | ../cac:ResponseValue/cbc:ResponseQuantity /@unitCode=”QUANTITY” |
| NONE | No response is required |
| IDENTIFIER | ../cac:ResponseValue/cbc:ResponseID |
| URL | ../cac:ResponseValue/cbc:ResponseURI |
| MAXIMUM\_AMOUNT | ../cac:ResponseValue/cbc:ResponseAmount |
| MINIMUM\_AMOUNT | ../cac:ResponseValue/cbc:ResponseAmount |
| MAXIMUM\_VALUE\_NUMERIC | ../cac:ResponseValue/cbc:ResponseNumeric |
| MINIMUM\_VALUE\_NUMERIC | ../cac:ResponseValue/cbc:ResponseNumeric |
| TRANSLATION\_TYPE\_CODE | ../cac:ResponseValue/cbc:ResponseCode |
| CERTIFICATION\_LEVEL\_DESCRIPTION | ../cac:ResponseValue/cbc:Description |
| COPY\_QUALITY\_TYPE\_CODE | ../cac:ResponseValue/cbc:ResponseCode |
| TIME | ../cac:ResponseValue/cbc:ResponseTime |

Table 44: Matching between data type and response

## BR-RESP-40 (role different to OENRON)

|  |  |  |  |
| --- | --- | --- | --- |
| **Mapping Rule ID** | | | |
| Test Case Rule ID | * RS-10-R40 * RS-70-R50 | | * RS-130-R40 * RS-190-R40 |
| Rule description | Information about compliance of selection criteria MUST be provided | | |
| Mapping description | Criterion responses are implemented as Tendering Criterion response components | | |
| XSD Path | * /cac:TenderingCriterionResponse[0..n] | | |
| Business requirement | [tbr92-018](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr092-018)*,* [tbr92-007](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr092-007), tbr92-005, [tbr92-006](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr092-006) | | |
| XSD Business Rule description | | XSD Business Rule Schematron | |
| Same business rules as BR-RESP-30 | | | |

Table 45: BR-RESP-40

## BR-RESP-90 (role OENRON)

|  |  |  |  |
| --- | --- | --- | --- |
| **Mapping Rule ID** | | | |
| Test Case Rule ID | * RS-250-R50 | | * RS-260-R60 |
| Rule description | The entity does not have to provide information about the selection criteria. | | |
| Mapping description | Criterion responses are implemented as Tendering Criterion response components | | |
| XSD Path | * /cac:TenderingCriterionResponse[0..n] | | |
| Business requirement | [tbr92-018](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr092-018)*,* [tbr92-007](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr092-007), tbr92-005, [tbr92-006](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr092-006) | | |
| XSD Business Rule description | | XSD Business Rule Schematron | |
| The entity does not have to provide information about the selection criteria. | | * Severity: WARNING * If /cac:TenderingCriterionResponse /cbc:ValidatedCriterionPropertyID matches one of the IDs within /cac:TenderingCriterionProperty /cbc:ID which /cac:TenderingCriterion /cbc:CriterionTypeCode starts with “CRITERION.SELECTION.”   Then, it throws a warning message. | |

Table 45: BR-RESP-40

# Registered pre-qualification system Rules

## BR-RESP-50

|  |  |  |  |
| --- | --- | --- | --- |
| **Mapping Rule ID** | | | |
| Test Case Rule ID | * RS-20-R20 * RS-80-R20 * RS-140-R20 | | * RS-200-R20 * RS-260-R20 |
| Rule description | Information about the pre-qualification system the EO is registered on MUST be provided | | |
| Mapping description | Pre-qualification system information is implemented as the identifier of the Economic Operator (EO) and Criterion for additional information. | | |
| XSD Path | * Identifier of the EO: /cac:EconomicOperatorParty /cac:QualifyingParty/cac:Party /cac:PartyIdentification/cbc:ID * Additional information as Other Criterion /cac:TenderingCriterionResponse | | |
| Business requirement | [tbr92-018](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr092-018)*,* [tbr92-007](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr092-007), tbr92-005, [tbr92-006](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr092-006) | | |
| XSD Business Rule description | | XSD Business Rule Schematron | |
| Same business rules as BR-RESP-30 as it works as a Criterion. | | | |

Table 46: BR-RESP-50

## BR-RESP-60

|  |  |  |  |
| --- | --- | --- | --- |
| **Mapping Rule ID** | | | |
| Test Case Rule ID | * RS-20-R40 * RS-80-R50 * RS-140-R40 | | * RS-200-R40 * RS-260-R40 |
| Rule description | Information about compliance of exclusion grounds CAN be provided | | |
| Mapping description | Criterion responses are implemented as Tendering Criterion response components | | |
| XSD Path | * /cac:TenderingCriterionResponse[0..n] | | |
| Business requirement | [tbr92-018](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr092-018)*,* [tbr92-007](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr092-007), tbr92-005, [tbr92-006](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr092-006) | | |
| XSD Business Rule description | | XSD Business Rule Schematron | |
| Same business rules as BR-RESP-30 | | | |

Table 47: BR-RESP-60

### BR-RESP-60-S10

|  |  |  |  |
| --- | --- | --- | --- |
| **Mapping Rule ID** | | | |
| Test Case Rule ID | * RS-20-R40-S10 * RS-80-R50-S10 * RS-140-R40-S10 | | * RS-200-R40-S10 * RS-260-R40-S10 |
| Rule description | When the pre-qualification system the EO is registered on does not cover all the exclusion criteria, information about compliance of exclusion grounds MUST be provided | | |
| Mapping description |  | | |
| XSD Path |  | | |
| XSD Business Rule description | | XSD Business Rule Schematron | |
|  | | | |

Table 48: BR-RESP-60-S10

### BR-RESP-60-S20

|  |  |  |  |
| --- | --- | --- | --- |
| **Mapping Rule ID** | | | |
| Test Case Rule ID | * RS-20-R40-S20 * RS-80-R50-S20 * RS-140-R40-S20 | | * RS-200-R40-S20 * RS-260-R40-S20 |
| Rule description | When the pre-qualification system the EO is registered on covers all the exclusion criteria, information about compliance of exclusion grounds IS NOT required. | | |
| Mapping description |  | | |
| XSD Path |  | | |
| XSD Business Rule description | | XSD Business Rule Schematron | |
|  | | | |

Table 49: BR-RESP-60-S20

## BR-RESP-70 (role different to OENRON)

|  |  |  |  |
| --- | --- | --- | --- |
| **Mapping Rule ID** | | | |
| Test Case Rule ID | * RS-20-R50 * RS-80-R60 | | * RS-140-R50 * RS-200-R50 |
| Rule description | Information about compliance of selection criteria CAN be provided | | |
| Mapping description | Criterion responses are implemented as Tendering Criterion response components | | |
| XSD Path | * /cac:TenderingCriterionResponse[0..n] | | |
| Business requirement | [tbr92-018](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr092-018)*,* [tbr92-007](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr092-007), tbr92-005, [tbr92-006](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr092-006) | | |
| XSD Business Rule description | | XSD Business Rule Schematron | |
| Same business rules as BR-RESP-30 | | | |

Table 50: BR-RESP-70

### BR-RESP-70-S10

|  |  |  |  |
| --- | --- | --- | --- |
| **Mapping Rule ID** | | | |
| Test Case Rule ID | * RS-20-R50-S10 * RS-80-R60-S10 | | * RS-140-R50-S10 * RS-200-R50-S10 |
| Rule description | When the pre-qualification system the EO is registered on does not cover all the selection criteria, information about compliance of selection criteria MUST be provided. | | |
| Mapping description |  | | |
| XSD Path |  | | |
| XSD Business Rule description | | XSD Business Rule Schematron | |
|  | | | |

Table 51: BR-RESP-70-S10

### BR-RESP-70-S20

|  |  |  |  |
| --- | --- | --- | --- |
| **Mapping Rule ID** | | | |
| Test Case Rule ID | * RS-20-R50-S20 * RS-80-R60-S20 | | * RS-140-R50-S20 * RS-200-R50-S20 |
| Rule description | When the pre-qualification system the EO is registered on covers all the selection criteria, information about compliance of selection criteria IS NOT required. | | |
| Mapping description |  | | |
| XSD Path |  | | |
| XSD Business Rule description | | XSD Business Rule Schematron | |
|  | | | |

Table 52: BR-RESP-70-S20

# Common Lots Rules

## BR-LOT-10

|  |  |  |  |
| --- | --- | --- | --- |
| **Mapping Rule ID** | | | |
| Test Case Rule ID | LOTS SELF-CONTAINED | |  |
| Rule description | The list of lots the EO tenders for MUST be provided. | | |
| Mapping description | The procurement procedure is divided into lots, the ProcurementProjectLot component provides details specific to the lot. | | |
| XSD Path | * /cac:ProcurementProjectLot[0..n] | | |
| Business requirement | [tbr92-014](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr92-014) | | |
| XSD Business Rule description | | XSD Business Rule Schematron | |
| The list of lots the EO tenders for MUST be provided. | | * Severity: ERROR * At least one /cac:ProcurementProjectLot must be included and /cac:ProcurementProjectLot/cbc:ID is not 0. | |

Table 53: BR-LOT-10

## BR-LOT-20

|  |  |  |  |
| --- | --- | --- | --- |
| **Mapping Rule ID** | | | |
| Test Case Rule ID | LOTS SELF-CONTAINED | |  |
| Rule description | The set of lots that apply to the information provided in response to the requirements for each selection criterion MUST be provided. | | |
| Mapping description | There are as many instances of ProcurementProjectLot within the ESPDResponse as lots in the ESPDRequest. | | |
| XSD Path | * /cac:ProcurementProjectLot[0..n] | | |
| Business requirement | [tbr92-014](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr92-014) | | |
| XSD Business Rule description | | XSD Business Rule Schematron | |
|  | |  | |

Table 54: BR-LOT-20

# Specific Lead Role Rules

## BR-LEAD-10

|  |  |  |  |
| --- | --- | --- | --- |
| **Mapping Rule ID** | | | |
| Test Case Rule ID | * RS-70-R30 * RS-80-R40 | |  |
| Rule description | When the EO is participating in the procurement procedure together with others, information about the other participants MUST be provided | | |
| Mapping description | Information about different participants of the group is implemented as Criterion | | |
| XSD Path | * /cac:TenderingCriterionResponse[0..n] | | |
| Business requirement | [tbr092-008](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr092-008) | | |
| XSD Business Rule description | | XSD Business Rule Schematron | |
| Information about the other participants MUST be provided | | * Severity: ERROR * At least one /cac:TenderingCriterionResponse /cbc:ValidatedCriterionPropertyID must match an ID’s criterion within /cac:TenderingCriterion/cbc:ID which /cac:TenderingCriterion/cbc:CriterionTypeCode is *CRITERION.OTHER.EO\_DATA.TOGETHER\_WITH\_OTHERS* * /cac:TenderingCriterionResponse /cac:ResponseValue/cbc:ResponseIndicator is true; meaning that the EO is participating with others. * Each of the criterion subgroups identified within: /cac:TenderingCriterion /cac:TenderingCriterionPropertyGroup /cac:SubsidiaryTenderingCriterionPropertyGroup/cac:TenderingCriterionProperty, must be answered. | |

Table 55: BR-LEAD-10

### BR-LEAD-10-S10

|  |  |  |  |
| --- | --- | --- | --- |
| **Mapping Rule ID** | | | |
| Test Case Rule ID | * RS-70-R30-S10 * RS-80-R40-S10 | |  |
| Rule description | When the EO is participating in the procurement procedure in a group (Consortium, Joint Venture or others), information about the group MUST be provided | | |
| Mapping description | The information about the group is provided as group name | | |
| XSD Path | * /cbc:EconomicOperatorGroupName[0..1] | | |
| Business requirement | [tbr092-008](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr092-008) | | |
| XSD Business Rule description | | XSD Business Rule Schematron | |
| Information about the group MUST be provided | | * Severity: WARNING * If /cbc:EconomicOperatorGroupName is not implemented, a warning is thrown to inform that the ESPDResponse is going to be used as Sole contractor and not lead entity. | |

Table 56: BR-LEAD-10-S10

### BR-LEAD-10-S20

|  |  |  |  |
| --- | --- | --- | --- |
| **Mapping Rule ID** | | | |
| Test Case Rule ID | * RS-70-R30-S20 | | * RS-80-R40-S20 |
| Rule description | When the EO (or any other EO participating in the procurement procedure) relies on the capacities of other entities in order to meet the selection criteria, information about all the entities the EO relies on MUST be provided | | |
| Mapping description | Information about all the entities the EO relies on is implemented as Criterion. | | |
| XSD Path | * /cac:TenderingCriterionResponse[0..n] | | |
| Business requirement | [tbr092-008](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr092-008) | | |
| XSD Business Rule description | | XSD Business Rule Schematron | |
| Information about all the entities the EO relies on MUST be provided | | * Severity: ERROR * At least one /cac:TenderingCriterionResponse /cbc:ValidatedCriterionPropertyID must match an ID’s criterion within /cac:TenderingCriterion/cbc:ID which /cac:TenderingCriterion/cbc:CriterionTypeCode is *CRITERION.OTHER.EO\_DATA.RELIES\_ON\_OTHER\_CAPACITIES* | |

Table 57: BR-LEAD-10-S20

### BR-LEAD-10-S30

|  |  |  |  |
| --- | --- | --- | --- |
| **Mapping Rule ID** | | | |
| Test Case Rule ID | * RS-70-R30-S30 | | * RS-80-R40-S30 |
| Rule description | When the EO (or any other EO participating in the procurement procedure) intends to subcontract a share of the contract to third parties, information about all subcontractors MUST be provided | | |
| Mapping description | Information about all subcontractors is implemented as Criterion. | | |
| XSD Path | * /cac:TenderingCriterionResponse[0..n] | | |
| Business requirement | [tbr092-008](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr092-008) | | |
| XSD Business Rule description | | XSD Business Rule Schematron | |
| Information about all subcontractors MUST be provided | | * Severity: ERROR * At least one /cac:TenderingCriterionResponse /cbc:ValidatedCriterionPropertyID must match an ID’s criterion within /cac:TenderingCriterion/cbc:ID which /cac:TenderingCriterion/cbc:CriterionTypeCode is *CRITERION.OTHER.EO\_DATA.SUBCONTRACTS\_WITH\_THIRD\_PARTIES* * If the response cac:TenderingCriterionResponse /cac:ResponseValue/cbc:ResponseIndicator is true; each of the criterion subgroups identified within: /cac:TenderingCriterion /cac:TenderingCriterionPropertyGroup /cac:SubsidiaryTenderingCriterionPropertyGroup/cac:TenderingCriterionProperty, must be answered | |

Table 58: BR-LEAD-10-S30

# Tendering Criterion General Rules

This is the list of rules common to Tendering Criterion elements of both, ESPDRequest and ESPDResponse. They do not depend on the test cases:

|  |  |  |
| --- | --- | --- |
| Identifier | XSD Business Rule description | XSD Business Rule Schematron |
| *Level 1: /TenderingCriterion*  Business requirement: [tbr070-009](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr070-009) | | |
|  | At least one TenderingCriterion is excepted. | * Severity: ERROR * /cac:TenderingCriterion is mandatory. |
|  | Business requirement: [tbr070-010](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr070-010)  Each Criterion is defined in e-Certis and must use the UUID supplied by e-Certis. | * Severity: ERROR * /cac:TenderingCriterion/cbc:ID is mandatory. * /cac:TenderingCriterion/cbc:ID must match the “Element UUID” column from [RD03]. |
|  | Business requirement: [tbr070-013](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr070-013)  Classification code defined by the ESPD-EDM to represent the criterion in the ESPD taxonomy of criteria is mandatory. | * Severity: ERROR * /cac:TenderingCriterion /cbc:CriterionTypeCode is mandatory. |
|  | Business requirement: [tbr070-013](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr070-013)  Compulsory use of codes coming from e-Certis. | * Severity: ERROR * /cac:TenderingCriterion /cbc:CriterionTypeCode must match the “Element Code” column from [RD03]. |
|  | Business requirement: [tbr070-010](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr070-010)  The name should match the one from e-Certis. | * Severity: ERROR * /cac:TenderingCriterion/cbc:Name is mandatory. * Severity: WARNING * /cac:TenderingCriterion/cbc:Name should match the Name column from [RD03]. |
|  | Business requirement: [tbr070-010](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr070-010)  The description should match the one from e-Certis. | * Severity: ERROR * /cac:TenderingCriterion/cbc:Description is mandatory. * Severity: WARNING * /cac:TenderingCriterion /cbc:Description should match the Description column from [RD03]. |
| *Level 2: /TenderingCriterion/cac:Legislation*  Business requirement: [tbr070-013](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr070-013) | | |
|  | The reference to the legislation related to the Criterion is optional. | No Schematron rule is needed as Legislation is already optional. |
|  | Title of the legislation is mandatory. | * Severity: ERROR * ../cac:Legislation /cbc:Title is mandatory. |
|  | The description of the legislation provided in the original legal text SHOULD be provided. | * Severity: WARNING * ../cac:Legislation /cbc:Description is highly recommended. |
|  | Other articles where the Criterion is referred to SHOULD also be provided. | * Severity: WARNING * ../cac:Legislation/cbc:Article is highly recommended. |
| */cac:TenderingCriterionPropertyGroup, independently of the level*  */cac:SubsidiaryTenderingCriterionPropertyGroup, independently of the level*  Business requirement: [tbr070-013](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr070-013) | | |
|  | The ID which identifies one specific property is mandatory. | * Severity: ERROR * ../cbc:ID is mandatory. |
|  | Each Criterion is defined in e-Certis and must use the UUID supplied by e-Certis. | * Severity: ERROR * ../cbc:ID must match the Element UUID column from [RD03]. |
|  | Code addressed to control the behaviour of the group of criteria is mandatory. | * Severity: ERROR * ../cbc:PropertyGroupTypeCode is mandatory. |
| */cac:TenderingCriterionPropertyGroup/cac:TenderingCriterionProperty, independently of the level*  Business requirement: [tbr070-013](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr070-013) | | |
|  | The ID which identifies one specific property is mandatory. And it must use UUID numbers (version 4) automatically generated. | * Severity: ERROR * ../cbc:ID is mandatory. |
|  | The text of the caption, requirement or question is mandatory. | * Severity: ERROR * ../cbc:Description is mandatory. |
|  | The type of property is mandatory. | * Severity: ERROR * ../cbc:TypeCode is mandatory. |
|  | The type of answer expected by the contracting authority in the case of a property of type QUESTION, is mandatory. | * Severity: ERROR * ../cbc:ValueDataTypeCode is mandatory. * If ../cbc:TypeCode is CAPTION or REQUIREMENT, Then, ../cbc:ValueDataTypeCode MUST be NONE. |
|  | Verify that the value of cac:TypeCode is set to QUESTION and that the cac:ValueTypeCode is different to NONE. | * Severity: ERROR * If ../cbc:TypeCode is QUESTION and ../cbc:ValueDataTypeCode is different to NONE   Then, the element type must be one of the following list:   * ../cbc:ValueUnitCode * ../cbc:ValueCurrencyCode * ../cbc:ExpectedID * ../cbc:ExpectedCode * ../cbc:ExpectedValueNumeric * ../cbc:MaximumValueNumeric * ../cbc:MinimumValueNumeric * ../cbc:CertificationLevelDescription * ../cac:ApplicablePeriod * ../cac:TemplateEvidence |

The tendering criterion is based on the document [RD03], it means that the Tendering Criterion complex element is implemented following the structure of the file.

This structure is also validated within the XML:



There are four type of rows:

|  |  |
| --- | --- |
| **Row** | **Description** |
| {CRITERION | * Root element: cac:TenderingCriterion * Name: ../cbc:Name * Description: ../cbc:Description * PropertyDataType: - * ElementUUID: ../cbc:ID * ElementCode: ../cbc:CriterionTypeCode |
| {QUESTION\_GROUP | * Root element:   cac:TenderingCriterion/cac:TenderingCriterionPropertyGroup   * Name: - * Description: - * PropertyDataType: - * ElementUUID: ../cbc:ID * ElementCode: ../cbc:PropertygroupTypeCode |
| {QUESTION} | * ../cbc:TypeCode = QUESTION * Root element: cac:TenderingCriterion/cac:TenderingCriterionPropertyGroup /cac:TenderingCriterionProperty * Name: - * Description: ../cbc:Description * PropertyDataType: ../cbc:ValueDataTypeCode * ElementUUID: - * ElementCode: - |
| {QUESTION\_SUBGROUP} | * Root element: cac:TenderingCriterion/cac:TenderingCriterionPropertyGroup /cac:SubsidiaryTenderingCriterionPropertyGroup * Name: - * Description: - * PropertyDataType: - * ElementUUID: ../cbc:ID * ElementCode: ../cbc:PropertygroupTypeCode |

# Other Common Rules

This is the list of rules common to all elements of both, ESPDRequest and ESPDResponse. They do not depend on the test cases:

|  |  |  |
| --- | --- | --- |
| Identifier | XSD Business Rule description | XSD Business Rule Schematron |
| 1. 1 | For codes, this ESPD V02.00.00 specification requires always three mandatory attributes: listID, listAgencyID, and listVersionID. | * Severity: ERROR * Elements which are codes (its type is CodeType), the attributes listID, listAgencyID and listVersionID are mandatory. |
|  | For identifiers, this ESPD V02.00.00 specification requires at least (and always) the mandatory attribute schemeAgencyID. | * Severity: ERROR * Elements which are identifiers (its type is IdentifierType) the attribute schemeAgencyID is mandatory. |
|  | Compulsory use of the code list identified within the document [RD02]. | * Severity: ERROR * Compulsory use of the code list identified within the “12 Annex I: XSD’s elements and Code Lists” |
|  | There are cardinality constraints added by the ESPD which are not defined in the XSD Schema. | * Severity: ERROR * Compulsory use of the elements listed within “13 Annex II: Compulsory XSD’s elements” |
|  | Business requirement: [tbr070-002](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr070-002)  Identifies the earliest version of the UBL 2 schema.  Use the value "2.2". Use also "OASIS-UBL-TC" for the schemeAgencyID attribute. | * Severity: ERROR * Compulsory use of the values:  1. /cbc:UBLVersionID is “2.2” 2. /cbc:UBLVersionID /@schemeAgencyID is “OASIS-UBL-TC” |
|  | Business requirement: [tbr070-001](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr070-001)  Identifies a user-defined customization of UBL for a specific use.  For the ESPDRequest we use the value “urn:www.cenbii.eu:transaction:biitrdm070:ver3.0”. And ESPDResponse we use “urn:www.cenbii.eu:transaction:biitrdm092:ver3.0”.  Compulsory use of the value "CEN-BII" for the schemeAgencyID attribute. | * Severity: ERROR * Compulsory use of the values:  1. If ESPDRequest, /cbc:CustomizationID is “urn:www.cenbii.eu:transaction:biitrdm070:ver3.0”   If ESPDResponse, /cbc:CustomizationID is “urn:www.cenbii.eu:transaction:biitrdm092:ver3.0”   1. /cbc:CustomizationID /@schemeAgencyID is “CEN-BII” |
|  | Business requirement: [tbr070-002](http://wiki.ds.unipi.gr/display/ESPDInt/BIS+41+-+ESPD+V2.0#BIS41-ESPDV2.0-tbr070-002)  Identification of the specification.  Use the value "41". Use also "CEN-BII" for the schemeAgencyID attribute. | * Severity: ERROR * Compulsory use of the values:  1. /cbc:ProfileID is “41” 2. /cbc:ProfileID/@schemeAgencyID is “CEN-BII” |
|  | If languageID is not specified it defaults to “en (English)”. | * Severity: WARNING * If @languageID is not specified, it defaults to EN (English). |

Table 59: Other business rules

# Annex I: XSD’s elements and Code Lists

The following table describe the relationship between the XSD’s elements and the code lists:

|  |  |
| --- | --- |
| Code List | XSD’s element(s) |
| * @listID: ProcedureType * @listAgencyID: EU-REQ-OP * @listVersionID: 1.0 | /cbc:ProcedureCode |
| * @listID: QualificationApplicationType * @listAgencyID: EU-REQ-GROW * @listVersionID: 02.00.00 | /cbc:QualificationApplicationTypeCode |
| * @listID: DocRefContentType * @listAgencyID: EU-REQ-GROW * @listVersionID: 02.00.00 | /cac:AdditionalReferenceDocument /cbc:DocumentTypeCode |
| * @listID: LanguageCodeEU * @listAgencyID: EU-REQ-GROW * @listVersionID: 02.00.00 | @languageID attribute |
| * @listID: CountryCodeIdentifier * @listAgencyID: ISO * @listVersionID: 1.0 | cac:Country/cbc:IdentificationCode |
| * @listID: CriteriaTypeCode * @listAgencyID: EU-REQ-GROW * @listVersionID: 02.00.00 | /cac:TenderingCriterion /cbc:CriterionTypeCode |
| * @listID: EvaluationMethodType * @listAgencyID: EU-REQ-GROW * @listVersionID: 02.00.00 | /cac:TenderingCriterion /cbc:EvaluationMethodTypeCode |
| * @listID: BidType * @listAgencyID: EU-REQ-OP * @listVersionID: 1.0 | /cac:TenderingCriterion /cac:TenderingCriterionProperty /cbc:ExpectedCode |
| * @listID: LegislationType * @listAgencyID: EU-REQ-GROW * @listVersionID: 02.00.00 | /cac:TenderingCriterion /cac:Legislation/cbc:JurisdictionLevel |
| * @listID: PropertyGroupType * @listAgencyID: EU-REQ-GROW * @listVersionID: 02.00.00 | /cac:TenderingCriterionPropertyGroup /cbc:PropertyGroupTypeCode |
| * @listID: CriterionElementType * @listAgencyID: EU-REQ-GROW * @listVersionID: 02.00.00 | /cac:TenderingCriterionPropertyGroup /cac:TenderingCriterionProperty /cbc:TypeCode |
| * @listID: ResponseDataType * @listAgencyID: EU-REQ-GROW * @listVersionID: 02.00.00 | /cac:TenderingCriterionPropertyGroup /cac:TenderingCriterionProperty /cbc:ValueDataTypeCode |
| * @listID: EORoleType * @listAgencyID: EU-REQ-GROW * @listVersionID: 02.00.00 | /cac:EconomicOperatorParty /cac:EconomicOperatorRole/cbc:RoleCode |
| * @listID: EOIndustryClassificationCode * @listAgencyID: EU-REQ-GROW * @listVersionID: 02.00.00 | /cac:EconomicOperatorParty/cac:Party /cbc:IndustryClassificationCode |
| * @listID: ConfidentialityLevel * @listAgencyID: EU-REQ-GROW * @listVersionID: 02.00.00 | /cac:TenderingCriterionResponse /cbc:ConfidentialityLevelCode |
| * @listID: EOIDType * @listAgencyID: EU-REQ-GROW * @listVersionID: 02.00.00 | /cac:PartyIdentification/cbc:ID /@schemeID |
| * @listID: ProjectType * @listAgencyID: EU-REQ-OP * @listVersionID: 1.0 | /cbc:ProcurementTypeCode |
| * @listID: ServicesProjectSubType * @listAgencyID: EU-REQ-OP * @listVersionID: 1.0 | /cac:ProcurementProject /cbc:ProcurementSubTypeCode |
| * @listID: CurrencyCodeList * @listAgencyID: ISO * @listVersionID: 1.0 | Attribute @currencyID  /cbc:ValueCurrencyCode |

Table 60: XSD's elements and Code lists

# Annex II: Compulsory XSD’s elements

The following table lists the elements which are optional in the XSDs but mandatory using Business Rules:

|  |  |
| --- | --- |
| Identification | XSD Path |
|  | Root element: **ESPDRequest[[4]](#footnote-4)**   * /cbc:UBLVersionID[1] * /cbc:CustomizationID[1] * /cbc:ID[1] * /cbc:UUID[1] * /cbc:QualificationApplicationTypeCode[1] * /cac:TenderingCriterion[1..n] |
|  | Root element: **ESPDResponse[[5]](#footnote-5)**   * /cbc:UBLVersionID[1] * /cbc:CustomizationID[1] * /cbc:ID[1] * /cbc:UUID[1] * /cbc:QualificationApplicationTypeCode[1] * /cac:TenderingCriterion[1..n] * /cac:TenderingCriterionResponse[1..n] |

Table 61: Compulsory root elements

1. XML Implementation Guide URL: <https://espd.github.io/ESPD-EDM/v2.0.0/xml_guide.html> [↑](#footnote-ref-1)
2. ESPD-Data\_Structures-REGULATED-V02.00.00.xlsx: <https://github.com/ESPD/ESPD-EDM/blob/2.0.0/docs/src/main/asciidoc/dist/cl/xlsx/ESPD-Data_Structures-REGULATED-V02.00.00.xlsx> [↑](#footnote-ref-2)
3. Ontology glossary filename: eProcurement\_labels\_v146(GLOSSARY).xslx [↑](#footnote-ref-3)
4. More details about ESPDRequest: <https://espd.github.io/ESPD-EDM/v2.0.0/xml_guide.html#iii-4-root-elements> [↑](#footnote-ref-4)
5. More details about ESPDResponse: <https://espd.github.io/ESPD-EDM/v2.0.0/xml_guide.html#vii-4-root-elements> [↑](#footnote-ref-5)