**ANNEX 13**

**[NUCLEAR] SAFETY TECHNICAL CAPACITY CRITERIA ASSESSMENT FORM**

**Selection Criteria X: [Nuclear] Safety**

*[Instructions:*

* *Please, remember to insert the number of the procedure in the header;*
* *Follow the instructions along the document;*
* *Text in yellow means that text needs to be entered;*
* *Text between [ ] and in yellow means that there are options of which one shall be chosen;*
* *Text between [ ], in italics and in green are instructions/clarifications.*

*Ensure that all instructions and optional text which is not applicable is deleted before issuing the document.]*

**Criterion 4a:** **Project(s) proving experience in [Nuclear] Safety (applicable to the tenderer as a whole)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Summary of projects submitted** | **Project 1** | **Project 2** | **Project 3** | **insert more columns if needed** |
| **[Title]** | **[Title]** | **[Title]** | **[…]** |
| **The Tenderer shall have completed (components delivered) before the closing date of the submission of the Request to Participate/Tender** | [a] | [Design, analysis, qualification, manufacturing and testing of mechanical] components and or systems important for Nuclear Safety [might be split] | Choose | Choose | Choose | Choose |
| [b] | management of Nuclear Safety | Choose | Choose | Choose | Choose |
| [c] | identification and management of activities related to safety important components | Choose | Choose | Choose | Choose |
|  | [d] | monitoring and supervision of subcontractors executing activities related to safety important components (if subcontracting is foreseen) | Choose | Choose | Choose | Choose |
|  | [e] | management and flow down of Nuclear Safety requirements through the supply chain | Choose | Choose | Choose | Choose |
|  | [f] | nuclear design codes (ASME, MRR-MRx) application | Choose | Choose | Choose | Choose |
|  | [g] | PE and NPE classification and requirements | Choose | Choose | Choose | Choose |
|  | [h] | project management, design activities, and overall quality assurance | Choose | Choose | Choose | Choose |

\*Same or different projects can be used as reference to justify different supplier competences.

|  |
| --- |
| **Project [X]:** [Please insert the name of the project] |
| **Description of the project** |  |
| **Value of the project (EUR)** |  |
| **Date of execution** |  |
| **Date of delivery** |  |
| **Recipient/client** |  |
| **Description demonstrating that competences a) to h) of Section 5.1.4.1 of Invitation to Participate/Tender have been covered** |  |
| **Evidence proving that the relevant projects are compliant with competences defined in Section 5.1.4.1.** * **[Design, analysis, qualification, manufacturing and testing of mechanical] components and or systems important for Nuclear Safety. [might be split]**
* **management of Nuclear Safety,**
* **identification and management of activities related to safety important components**
* **monitoring and supervision of subcontractors executing activities related to safety important components (if subcontracting is foreseen);**
* **management and flow down of Nuclear Safety requirements through the supply chain**
* **nuclear design codes (ASME, MRR-MRx) application;**
* **PE and NPE classification and requirements;**
* **project management, design activities, and overall quality assurance.**

**These documents should be taken as example of prove of evidence but any other document which demonstrate the previous experience in that areas of expertise should be attached to this template.** | [Ref. to evidence] |

**Please repeat this table for each of the projects submitted.**

**ATTACHMENT: EVIDENCE**

**Criterion 4b:** **Profile(s) with [Nuclear] Safety expertise and/or experience (applicable to the tenderer as a whole**)

|  |  |
| --- | --- |
| **Tenderer:** |  |

|  |  |
| --- | --- |
| **Reference:** | **Profile a)** |
| **Role:** | **Senior (nuclear) safety expert or engineer** |
| **Name:** |  |

**PROFILE a)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Minimum qualification / experience** | **Compliant?** | **Description of the individual’s qualifications and experience demonstrating compliance** | **Number of years of relevant experience** | **Excerpt from the CV showing compliance with the requirement** |
| University degree in engineering or science | Choose |  |  |  |
| at least [X (5 or more)] years of Experience in projects executed for facilities under nuclear regulations | Choose |  |  |  |
| Experience in the management of project’s/contract’s nuclear safety | Choose |  |  |  |
| Experience in nuclear safety regulations | Choose |  |  |  |
| Experience in integrated management system | Choose |  |  |  |
| Experience in identification and management of activities related to safety important components | Choose |  |  |  |
| Experience in management of safety requirements and flow down through the supply chain | Choose |  |  |  |
| Experience in monitoring and supervision of subcontractors executing activities related to safety important components | Choose |  |  |  |
| Good English communication skills. Minimum level Independent user B2 in the Common European Framework of Reference for Languages or equivalent | Choose |  | - |  |

|  |  |
| --- | --- |
| **Reference:** | **Profile b)** |
| **Role:** | **(Junior) (nuclear) safety engineer**  |
| **Name:** |  |

**PROFILE b)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Minimum qualification / experience** | **Compliant?** | **Description of the individual’s qualifications and experience demonstrating compliance** | **Number of years of relevant experience** | **Excerpt from the CV showing compliance with the requirement** |
| University degree in engineering or science | Choose |  |  |  |
| at least [X (3 or more)] years of Experience in projects executed for facilities under nuclear regulations | Choose |  |  |  |
| Experience in the management of safety requirements | Choose |  |  |  |
| Experience in executing activities related to safety important components  | Choose |  |  |  |
| Experience in management of deviations and non-conformity management  | Choose |  |  |  |
| Experience in PED (ESP and ESPN) | Choose |  |  |  |
| Experience in radiation protection | Choose |  |  |  |
| Experience in radioactive waste | Choose |  |  |  |
| Experience in nuclear and non-nuclear hazards | Choose |  |  |  |
| Experience in industrial safety | Choose |  |  |  |
| Experience in environment safety and monitoring | Choose |  |  |  |
| Experience in emergency preparedness and management | Choose |  |  |  |
| Experience in emergency preparedness and management | Choose |  |  |  |
| Experience in safety including accident analysis | Choose |  |  |  |
| Good English communication skills. Minimum level Independent user B2 in the Common European Framework of Reference for Languages or equivalent | Choose |  | - |  |

|  |  |
| --- | --- |
| **Reference:** | **Profile c)** |
| **Role:** | **Senior engineer** |
| **Name:** |  |

**PROFILE c)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Minimum qualification / experience** | **Compliant?** | **Description of the individual’s qualifications and experience demonstrating compliance** | **Number of years of relevant experience** | **Excerpt from the CV showing compliance with the requirement** |
| University degree in mechanical or electrical engineering | Choose |  |  |  |
| at least [X (5 or more)] years of Experience in projects executed for facilities under nuclear regulations | Choose |  |  |  |
| Experience in the design of mechanical] components and or systems important for Nuclear Safety | Choose |  |  |  |
| Experience in analysis of mechanical] components and or systems important for Nuclear Safety | Choose |  |  |  |
| Experience in qualification of mechanical] components and or systems important for Nuclear Safety | Choose |  |  |  |
| Experience in manufacturing of mechanical] components and or systems important for Nuclear Safety | Choose |  |  |  |
| Experience in maintenance, of mechanical] components and or systems important for Nuclear Safety | Choose |  |  |  |
| Experience in testing of mechanical] components and or systems important for Nuclear Safety | Choose |  |  |  |
| Experience in nuclear design codes (ASME, MRR-MRx),  | Choose |  |  |  |
| Experience in PE and NPE | Choose |  |  |  |
| Good English communication skills. Minimum level Independent user B2 in the Common European Framework of Reference for Languages or equivalent | Choose |  | - |  |

|  |  |
| --- | --- |
| **Reference:** | **Profile d)** |
| **Role:** | **Junior engineer** |
| **Name:** |  |

**PROFILE d)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Minimum qualification / experience** | **Compliant?** | **Description of the individual’s qualifications and experience demonstrating compliance** | **Number of years of relevant experience** | **Excerpt from the CV showing compliance with the requirement** |
| University degree in mechanical or electrical engineering | Choose |  |  |  |
| at least [X (3 or more)] years of Experience in projects executed for facilities under nuclear regulations | Choose |  |  |  |
| Experience in the design of mechanical] components and or systems important for Nuclear Safety | Choose |  |  |  |
| Experience in analysis of mechanical] components and or systems important for Nuclear Safety | Choose |  |  |  |
| Experience in qualification of mechanical] components and or systems important for Nuclear Safety | Choose |  |  |  |
| Experience in manufacturing of mechanical] components and or systems important for Nuclear Safety | Choose |  |  |  |
| Experience in testing of mechanical] components and or systems important for Nuclear Safety | Choose |  |  |  |
| Experience in nuclear design codes (ASME, MRR-MRx),  | Choose |  |  |  |
| Experience in PE and NPE | Choose |  |  |  |
| Good English communication skills. Minimum level Independent user B2 in the Common European Framework of Reference for Languages or equivalent | Choose |  | - |  |

**ATTACHMENT: CURRICULA VITAE**

**Criterion 4c: Management System Criteria related to Safety (applied on individual entity level)**

**SECTION 1: Identification of Entities concerned by this criterion:**

Please indicate below which entities (single tenderer, group leader, group member(s)) is/are concerned by this criterion given that they are foreseen to execute one or more of the activities listed in the ITT:

|  |  |  |  |
| --- | --- | --- | --- |
| Entity Name |  | Specify ITT activity(ies) foreseen to be executed by this entity (includingcontracting and supervision of subcontractor (s)) | Comments or additional information (e.g. if activity is split between two ormore entities, identify which part is executed by this entity) |
| Entity Role (single tenderer,group leader or group member |
| **1** |  |  |  |
| **2** |  |  |  |
| **3** |  |  |  |
| **…** |  |  |  |

Note: As per the table above, in case the performance of, or part of, the activities identified above (1, 2, … and …) is to be subcontracted, the Subcontractor shall comply with QA-113 as relevant to the activities*.*

**SECTION 2: Required MS References and MS Documentation:**

Please complete the table(s) below for **each** entity (single tenderer, group member(s) ) that is concerned by this criterion.

**To fill in the table below, please note that:**

* **“MS references” refer to existing MS procedure, policy, provisions, etc…**

**“MS documentation” refers to cover page, summaries, table of contents, manuals, flowcharts, procedures, process descriptions etc… of the cited MS references.**

|  |
| --- |
| **NAME OF SINGLE TENDERER, GROUP MEMBER OR GROUP LEADER:** |
| **DOMAIN IDENTIFIED IN THE ITT** | **DOMAIN APPLIES TO THE FOLLOWING ACTIVITIES LISTED IN THE ITT** | **MS REFERENCE**(MS procedure, policy, provisions, etc…) | **MS DOCUMENTATION**(cover page, summary and/or table of contents, etc… of corresponding MS reference in previous column) |
| i. implementing and maintaining an up-to- date management system including provisions and processes related to safety (process safety, nuclear safety or industrialsafety); | Activity 1, 2, 3, etc…(please select) | List the files provided, indicate the section(s) and/or page(s) relevant tothe domain. | List the files provided,indicate the section(s) and/or page(s) relevant to thedomain. |
| ii. management practices including provisions and details on the processes promoting safety culture, such as safety culture policy, safety culture training, safetyculture assessment processes, retainment and improvements on safety culture, etc. | Activity 1, 2, 3, etc…(please select) | List the files provided, indicate the section(s) and/or page(s) relevant tothe domain. | List the files provided, indicate the section(s) and/or page(s) relevant to thedomain |
| iii. management of design, analysis & calculations, qualification, manufacturing, maintenance, and testing activities specific to structures, systems or components with associated Safety Requirements; | Activity 1, 2, 3, etc…(please select) | List the files provided, indicate the section(s) and/or page(s) relevant tothe domain. | List the files provided,indicate the section(s) and/or page(s) relevant to thedomain. |
| iv. independent technical verification (control) processes of safety aspects (e.g., specific safety requirements) related to the activities 1, 2 and; | Activity 1, 2, 3, etc…(please select) | List the files provided, indicate the section(s) and/or page(s) relevant tothe domain. | List the files provided,indicate the section(s) and/or page(s) relevant to thedomain. |
| v. management processes of safety requirements at all levels and flow down of safety requirements to all levels; | Activity 1, 2, 3, etc…(please select) | List the files provided, indicate the section(s) and/or page(s) relevant tothe domain. | List the files provided,indicate the section(s) and/or page(s) relevant to thedomain. |
| vi. management processes of skills and qualification of Personnel with respect to execution and technical control of activities related to safety important components; | Activity 1, 2, 3, etc…(please select) | List the files provided, indicate the section(s) and/or page(s) relevant tothe domain. | List the files provided,indicate the section(s) and/or page(s) relevant to thedomain. |
| vii. management, monitoring, and supervision of safety aspects with respect to subcontractors of all levels executing activities related to safety important components (if subcontracting is foreseen). | Activity 1, 2, 3, etc…(please select) | List the files provided, indicate the section(s) and/or page(s) relevant tothe domain. | List the files provided,indicate the section(s) and/or page(s) relevant to thedomain. |

*Add additional tables if needed for each entity listed in section 1.*