**TECHNICAL QUESTIONNAIRE**

**REF. IO/MSY/21/PCR/PMT**

**SUPPLY OF LARGE-SCALE M110/M80 FASTENERS**

**AND ASSOCIATED TOOLING**

***Firms interested in participating to this market survey shall return a completed questionnaire to the following email address*** ***philippe.mousset@iter.org*** ***, no later than Monday 17 May 2021.***

***Please note that this is not a Call for Nomination request. At this moment the ITER Organization (IO) is preparing a contract and procurement strategy for this project.***

***For all questions in the document, please refer to the ITER Market Survey Technical Requirements ref. ITER\_D\_52F745 version v1.3 dated 03 May 2021.***

# *General information about the Company / Institute compiling the questionnaire*

**Company Name**: …………………….

## *Persons to be contacted:*

|  |  |  |  |
| --- | --- | --- | --- |
| ***Contact person*** | ***Name + Title*** | ***Email address*** | ***Telephone*** |
|  ***Commercial Matters:*** |  |   |  + |
|  |  |  |  |
|  ***Technical Matters:*** |  |  |  + |
|  |  |  |  |

***Main activities***

|  |  |
| --- | --- |
| ***Main activities*** | ***Description*** |
| 1.
 |  |
| 1.
 |  |
| 1.
 |  |
|  ……………………. |  |

***Turnover***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Contact person*** | ***Turnover******2018*** | ***Turnover******2019*** | ***Turnover******2020*** | ***Number of employees*** |
|  **All activities** |  |  |  |  |
| ***In the field of*** *large-scale (> 100 tons) Mechanical or Hydraulic Pre-Tensioning/Pre-Compression Solutions* |  |  |  |  |

# *Technical Competence and Experience*

* 1. ***Do you have a product which required tightening force as outlined in Section 4 of the Market Survey Technical Requirements?***

**YES** [ ]  **NO** [ ]

If YES, please provide product(s) specifications, dimension and material:

* 1. ***ITER considers Inconel 718 and Alloy A286 as non-magnetic materials suitable to the requirements as described in Section 4 of the Market Survey Technical Requirements. Does your proposed solutions use different materials that meet the requirements?***

**YES** [ ]  **NO** [ ]

If YES, please indicate which materials are proposed:

* 1. ***Do you intend to use commercial tools (already available on the market) to achieve the requirements in Section 4.2 of the Market Survey Technical Requirements?***

**YES** [ ]  **NO** [ ]

If YES, please indicate product details:

If NO, what kind of tools would you use to meet the requirements relating to tie-rod pulling as outlined under Sections 4.2, please describe the operating principle:

* 1. ***Are there any restrictions related to orientation on the use of the tool?***

*(e.g. tool must be operated in vertical/horizontal position…)*

**YES** [ ]  **NO** [ ]

If YES, please explain the orientation restrictions of use:

* 1. ***Will your solution allow to control tension on the tie rods as they are being tightened?***

**YES** [ ]  **NO** [ ]

If YES, by what means:

* 1. ***Has your product been applied (i.e. used in industry) to date?***

**YES** [ ]  **NO** [ ]

If YES, please provide examples / project(s) description:

* 1. ***Is your product under patent / subject to export limitations?***

**YES** [ ]  **NO** [ ]

If YES, please explain:

# *Supply and Tool Operation Responsibilities*

* 1. ***Would your Company / Institute be interested in both the supply of the solution and also operating the solution at ITER site (France)?***

**YES** [ ]  **NO** [ ]

If YES or NO, please explain:

* 1. ***Would your Company / Institute cover the full scope of supply as a single contractor?***

**YES** [ ]  **NO** [ ]

If NO, please specify which part of the contract would be taken over by another company, and in which role: as a partner in a consortium or as a subcontractor? Please indicate the name and address of the potential company/companies if known at this time.

Please provide the information requested in the below table:

|  |  |  |
| --- | --- | --- |
| ***Services to be performed by another company*** ***(and % of the work)*** | ***Partner in a consortium or Subcontractor*** ***+ Name and Address (optional)*** | ***Comments*** |
| …………………………………………………………… |  |  |
| …………………………………………………………… |  |  |
| …………………………………………………………… |  |  |

# *Quality Assurance*

***Are you certified ISO 9001 or equivalent?***

**YES** [ ]  **NO** [ ]

***Please specify your certifications.***

|  |  |  |
| --- | --- | --- |
| ***QA Certifications*** | ***Comments*** | ***Validity Period*** |
|   |  |   |
|  |  |  |
|  |  |  |

# *Project Schedule*

***5.1 Please could you provide your schedule for the following deliverables, see “Section 3.3 – Schedule” and “Appendix A.1 – Scope of Supply” of the Market Survey Technical Requirements?***

|  |  |  |
| --- | --- | --- |
| ***Deliverable Description******Delivery at ITER site (France)*** | ***Standard Schedule*** | ***Optimized - Accelerated Schedule*** |
|  ***Date of Contract signature*** | ***T0*** | ***T0*** |
| *Supply and Delivery at ITER site* of two samples products of M110 fasteners including associated tools |  |  |
| *Supply and Delivery at ITER site* of 144 fasteners in M110 size; 144 fasteners in M80 size |  |  |
| *Supply and Delivery at ITER site* of associated tools including all auxiliaries |  |  |

# *General Comments*

***Please indicate any other information that may be relevant for this market survey.***

|  |  |
| --- | --- |
| Signature: | COMPANY STAMP |
| Name:  |
| Position:  |
| Tel:  |
| Date:  |