**MARKET SURVEY/**

**REQUEST FOR INFORMATION (RFI)**

**REF. IO/MS/23/AJI**

**Manufacturing of diagnostic generic Port Plug structures (Upper and Equatorial)**

***Firms interested in participating to this market survey shall return a completed questionnaire to the following email address*** ***amankumar.joshi@iter.org, and Emilie.Blanchet@iter.org , no later than 22-01-2024.***

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

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

**Company Name**: …………………….

**Adress:** …………………….

## ***Persons to be contacted:***

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

***Main activities***

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

***Turnover***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Contact person*** | ***Turnover******2020*** | ***Turnover******2021*** | ***Turnover******2022*** | ***Number of employees*** |
|  **All activities** |  |  |  |  |

# *Questionnaire*

* 1. ***Nuclear / first-of a kind experience.***

***Are you familiar with ITER alike projects, knowledge of ITER requirements and guidelines?***

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

Please provide overview and/or any complementary information:

* 1. ***Certifications***

***Does your company have certification for manufacturing according to nuclear codes such as ASME stamps: N or NPT for ASME III and previous experience in French code RCC-MR 2007?***

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

Please provide overview and/or any complementary information:

* 1. ***Manufacturing capabilities***

***Does your company have previous experience in precision construction and manufacturing of stainless steel, large structures (Protection Important Components – Components with a Safety role), in the nuclear field?***

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

Please provide overview and/or any complementary information:

* 1. ***Manufacturing capabilities***

***Does your company have production means for 3-axis, 5-axis machining and lifting of stainless steel structures described in the attached documentation?***

Please provide overview and/or any complementary information:

* 1. ***Manufacturing capabilities***

***Does your company have experience in Manufacturing under tight cleaning requirements (vacuum and ultra-high vacuum components): Clean areas for Stainless steel according to work areas classification RCC-MR 2007?***

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

Please provide overview and/or any complementary information:

* 1. ***Manufacturing capabilities***

***Does your company or your partners have the capacity to perform long gun drilling, from 1 to 2.3 meters in diameters from 12 to 28 mm, in stainless steel?***

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

Please provide overview and/or any complementary information:

* 1. ***Design and calculation capabilities***

***Does your company or your partners have advanced mechanical design capacity for large metal products and tooling: design and calculation?***

Please provide overview and/or any complementary information:

* 1. ***Welding capabilities***

***Can your company carry out welding processes recommended by documentation such as GTAW manual, GTAW robot, EBW? In case of EBW, indicate in-house or subcontracted specific capabilities, chamber size and characteristics.***

***GTAW robot***

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

***EBW***

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

Please provide overview and/or any complementary information:

* 1. ***Welding capabilities***

***Does your company have an experienced welding team, with welding engineers, welders and welding operators suitable for the project?***

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

Please provide overview and/or any complementary information:

* 1. ***Inspection and Test***

***Does your company have experimental testing capabilities and mock-up development capabilities to support manufacturing procedures?***

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

Please provide overview and/or any complementary information:

* 1. ***Inspection and Test***

***Does your company or your partners have the capacity to carry out certified acceptance tests of final components such as: dimensional measurement by CMM/roughness test/pressure test/END: VT, LP, RT, UT?***

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

Please provide overview and/or any complementary information:

* 1. ***Inspection and Test***

***Does your company have the capacity to carry out certified acceptance tests for final components such as hot and cold Helium leak tests?***

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

Please provide overview and/or any complementary information:

# *Please indicate any other information that may be relevant for this Market Survey.*

# *Cost Estimation*

#

***Please provide your non-binding cost estimation according to Technical Description in the following format. It is requested from the potential suppliers to segregate the costs related to row material procurement, manufacturing, contract management and transportation.***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Equipment** | **Materials cost €** | **Manufacturing cost €** | **Contract Management cost €** | **Transportation cost €** | **Total Cost €** |
| EQ port plug structures (7 units)1 |  |  |  |  |  |
| UPP port plug structures (14 units)1 |  |  |  |  |  |

***In case that the row material is free-issued. Could you please rebuilt your estimation accordingly?***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Equipment** | **Manufacturing cost €** | **Contract Management cost €** | **Transportation cost €** | **Total Cost €** |
| EQ port plug structures (7 units)1 |  |  |  |  |
| UPP port plug structures (14 units)1 |  |  |  |  |

1. *Number of units: To be confirmed.*

Note: All the companies who participate in this questionnaire are requested to submit the cost estimation as non-binding basis. The target uncertainty of the estimation should be within +/-15%. The information will help the IO to estimate the approximately level of the market prices.

***Please indicate your budgetary price in Euros (€) net of all duties and taxes. As an international organization the ITER Organization is exempt from all taxes and duties. For the delivery, please consider DAP Incoterms 2020, Saint Paul les Durance, France.***

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