**REQUEST FOR INFORMATION (RFI)**

**TECHNICAL QUESTIONNAIRE**

**\_\_\_\_\_\_**

**Qualification and Production of the Inconel 718 tie-rods**

***Entities interested in participating to this RFI shall return a completed questionnaire to the following email addresses*** [***Jessica.Pilla@iter.org***](mailto:Jessica.Pilla@iter.org) ***and*** [***Andrew.Brown@iter.org***](mailto:Andrew.Brown@iter.org)

***Please note that this is not an invitation to tender. At this moment, the ITER Organization (IO) is preparing a procurement strategy for this project.***

Reference documents:

1. ANNEX I: Technical summary AFM29N\_v1.5 with reference documents and appendixes
2. ANNEX II: Budget estimate form

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

**Company Name**: …………………….

**Address:** …………………….

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

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

***Main activities***

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

***Turnover***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Contact person*** | ***Turnover***  ***2021*** | ***Turnover***  ***2022*** | ***Turnover***  ***2023*** | ***Number of employees*** |
| **All activities** |  |  |  |  |

# *Questionnaire*

* 1. ***Supply experiences***

***Do you have supply experience with large size tie-rods made of Inconel 718, equivalent to M110 x 1010 or larger?***

**YES**  **NO**

Please provide overview and/or any examples of relevant experience:

* 1. ***Manufacturing capability and Sub-contracting scheme***

***Are you able to manufacture large size tie-rods made of Inconel 718 by yourself?***

**YES**  **NO**

If no, please provide overview of sub-contract scheme, which manufacturing parts will be sub-contracted:

* 1. ***4K (-269℃) material tests management experience***

***Do you have experience with managing mechanical test, particularly tensile test and fracture toughness test, conducted at 4K (-269℃)?***

**YES**  **NO**

Please provide overview and/or any complementary information:

* 1. ***Supply chain***

***Do you have a secured supply chain to provide in timely manner the necessary quantities of raw material?***

Please provide overview and/or any complementary information:

* 1. ***Manufacturing lead time***

***Please provide how long you need to procure raw material and to deliver the products.***

***If the raw material procurement lead time differs between several raw material suppliers, please answer to this question with a period range.***

* 1. ***Cost estimate, and Sub-contracting rate***

***Please provide a cost estimate, based upon your expected delivery date, raw material cost, manufacture and testing.***

***Please provide a sub-contracting rate based on following formula.***

|  |  |
| --- | --- |
| ***Sub-contracting rate (%) =*** | ***Sub-contracting cost*** |
| ***Total price – raw material cost incl. 4K test cost*** |

Please use the attached template (Annex II – Budget Estimate) to provide the information.

* 1. ***Recommendations***

***Any recommendations for improvements, enabling cost, manufacture time reduction or improvements of functionality?***

Please use the below field to provide the information:

***Please use the below field for any other information you consider relevant for this RFI***

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