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| **ITER Organization Call for Expertise IO/17/CFE/13758/JTR** |

FINANCIAL PROPOSAL TEMPLATE

**Section 1**

All prices shall be in Euros (€) net of all duties and taxes. As an international organisation the ITER Organization is exempt from all taxes and duties. Applicable taxes (if any) shall be shown separately.

The **Financial Offer** shall be submitted in the basis of the following:

Having examined all the Documents attached to this Request for Quotation, including the Scope of Work and the Technical Specification for the performance of the Services, and having examined all conditions and factors which might in any way affect the cost or time of performance thereof, we the undersigned, offer to complete the Services upon the terms and conditions set forth in the Proposal Documents for the following price:

**Firm and Fixed Total Contract Price: €\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| --- | --- | --- | --- |
| **D#** | **Deliverable** | **Est Due date** | **Price (EUR)** |
| D1 | Completion of Generic Upper Port Plug with Short and Intermediate DSM. Analysis will consider also Bioshield and Upper Port Cell. Evaluation of the neutron/gamma fluxes and spectra as well estimation of the SDDR. Optimization of materials. Dose rate evaluation during plasma operation. Evaluation of final activation level for Radwaste. To reduce future R&D costs - development of the common design approach for radiation shielding applicable for upper port-based diagnostic systems in general | T.0 +3 months |  |
| D2 | MCNP models for Port Plugs Integration of Upper Port 4,5,6 including Vacuum Filter systems. Evaluation of neutron/gamma fluxes and spectra. Optimization of materials with low activation and high shielding characteristics. Dose rate evaluation during plasma operation and shutdown. Evaluation of final activation level for Radwaste. Development of the maintenance scenario of the ports after shutdown, investigation of the questions of remote, semi-remote, or hands-on access to the systems installed inside the Port Interspace | T.0 + 6 months |  |
| D3 | Design MCNP model of EQ#17 Port Plug and Port Interspace. Evaluation of neutron/gamma fluxes and spectra. Optimization of materials with low activation and high shielding characteristics. Dose rate evaluation during plasma operation and shutdown. Evaluation of final activation level for Radwaste. | T.0 + 9 months |  |

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| D4 | Design MCNP model of EQ#17 Bioshield and Port cell including PCSS. Evaluation of neutron/gamma fluxes and spectra. Optimization of materials with low activation and high shielding characteristics. Dose rate evaluation during plasma operation and shutdown. Evaluation of final activation level for Radwaste.  Neutronic analysis for dose rate levels during manual/assisted maintenance activity for replacement or functionality check/control of subsystems in EQ#17. | T.0 + 12 months |  |
| **TOTAL FIXED FIRM PRICE (EUR)** | |  |

In addition to completing this financial template please provide a technical offer / management plan containing the relevant details of how you propose to carry out this work in accordance with the Technical Specification ITER\_D\_UBKKG7 v1.0 dated 12th December 2016.

For payments IO suggests thatinvoices may be submitted upon the satisfactory completion of the deliverables as stated in the table above. Payments will be made following the acceptance and approval by the IO responsible officer of the corresponding deliverable in accordance with the Technical Specification ITER\_D\_UBKKG7 v1.0 dated 12th December 2016 and upon receipt of a correctly rendered invoice.

An alternative payment schedule may be made by the bidder.

Company Stamp / Signature

Date:

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**Section 2**

**COST BREAKDOWN**

In addition to providing your total fixed price for the deliverables in the table above, please could you also provide your estimated cost breakdown, number of personnel and the time frames for completing each deliverable as indicated in the table below. Please note that all costs must include all expenses that are necessary to deliver the services including travel, accommodation, daily subsistence allowances and any other conceivable expenses that are required to successfully complete the work. The table below is an example however, you may provide your own version or expand on the table below.

***Cost Breakdown Table***

|  |  |  |
| --- | --- | --- |
| **D #** | **Description, and Number of Resources/ Unit of Time** | **Cost (EUR)** |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |
|  | **TOTAL COST (EUR)** |  |

Any results or rights thereon, including copyright and other intellectual or industrial property rights, obtained in performance of the Contract, shall be owned solely by the ITER Organization, which may use, publish, assign or transfer them as it sees fit, without geographical or other limitation, except where industrial or intellectual property rights exist prior to the Contract being entered into. The Contractor may request a non-exclusive license to use generated intellectual property which the Contractor may create as a result of the services in the course of the execution of this Contract. The ownership of any background intellectual property will not change unless otherwise agreed by the ITER Organization and the Contractor.

Company Stamp / Signature:

Date: