Annex III

IO/19/CFE/10017592/LLJ

“Expertise Support in the Area of Particle and Surface

Interactions Aiming to Port Plug Design and Integration”

FINANCIAL PROPOSAL TEMPLATE

**Section 1**

All prices shall be quoted 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 Call for Expertise tender, 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:

**Maximum Total Contract Price: €\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

| **D#** | **Article Description**  **In accordance with sections 8 of the Technical Specification**  **ITER\_D\_YUXTLV dated 26 June 2019** | **Due Delivery Date** | **PRICE**  **(EUR)** |
| --- | --- | --- | --- |
| D1 | Engineering conservative assessment of tritium adsorption and retention in B4C and SS shielding blocks based on MCNP calculations of β and γ emission from port plug elements. Comparison of tritium trapping in B4C and SS in port plugs. Recommendations (on demand of IO CT) on tritium retention/adsorption mitigation measures. | T0\*+ 3 Month |  |
| D2 | Assessment of mirror duct shape (DFW cutout) influence on deposition on first mirror. Revealing of the dependence of first mirror deposition non-homogeneity on mirror angular position. Produce dedicated technical report. | T0 + 6 Months |  |
| D3 | Consideration of CXN and sputtered atoms reflection on the walls of mirror duct and its inclusion into report as by D2.  Consideration of angular orientation (from 0 to 90 with respect to duct axis) of CXN flux. Provide parametric (angular, reflection, impurity concentration, sputtering yield, geometry) study of particle flux to the mirror.  Providing engineering recommendations (put in the dedicated report) supported by conclusions from previously produced report(s) on mirror duct shape. | T0 + 8 Months |  |
| D4 | Update report(s) produced in D1, D2, D3, D4 accordingly to reviewer’s comments.  Update first mirror related documents affected by results obtained in D1 – D4 and accordingly to reviewer’s comments.  Provide minutes of the progress and technical minutes. | T0 + 8 Months |  |
| **MAXIMUM TOTAL PRICE (EUR)** | |  |

\*: T0 is the date of the kick off meeting which will take place within one month after the signature of the Contract.

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\_YUXTLV dated 26 June 2019.

**Suggested payment schedule:**

4 invoices may be submitted in accordance with the table of deliverables above. Payments will be made following the acceptance and approval by the IO responsible officer of the corresponding deliverable/s and upon receipt of a correctly rendered invoice.

Should the suggested payment schedule not be acceptable, an alternative payment schedule may be proposed by the bidder.

Company Stamp / Signature

Date:

**Section 2**

**COST BREAKDOWN**

In addition to providing your fixed prices 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 cost breakdown table .

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)** |  |

**Intellectual Property:**

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: