Date: 23/08/2019

Call for Expertise Ref: IO/19/RFQ/17807/VDN

Title: Senior Mechanical Engineer for engineering support for Tokamak Assembly

Dear Madam/Sir,

The ITER Organization (IO) requests eligible companies, institutions and other entities to provide their proposal for the provision of services to perform the task named above. The objective of this Call for Expertise (CFE) tender process is to acquire the services of one (1) suitably qualified expert for a maximum contract period of 12 months. Unless specifically requested by the IO, the tenderer should not submit multiple CVs offering a variation of technical experience levels and costs.

The following documents are attached to allow you to propose your candidacy:

- Annex I: Technical Specification ref. YPWMSQ v. 1.2
- Annex II: Technical Experience Profile / CV (template)
- Annex III: Price schedule & cost breakdown (template)
- Annex IV: Statement of exclusivity and availability
- Annex V: Draft Special Conditions Service Contract
- Annex VII: Declaration of Background Intellectual Property (BIP) (template)

Documents required with your proposal:
Tenderers must provide their own version of a technical proposal. As a minimum the list of documents required is as follows:

- Technical offer including an implementation/management/quality plan - dated and signed
- Experience Profile / CV
- Financial Proposal – to be submitted dated and signed as a separate pdf doc.
- Statement of Exclusivity & Availability - duly signed & returned.
- IP / Declaration of background (BIP) - duly signed & returned.

All documents submitted by the Tenderer shall become the property of the ITER Organization, and shall be considered strictly confidential.

Deadline for submission of proposals:
The time & date for receipt of proposals is: 12:00 CET/CEST on 23/09/19.

Address for submission of proposal:
Proposals should be submitted by e-mail to: virginie.dewavrin@iter.org

Contact: Virginie Dewavrin - Procurement & Contract Division - Tel. +33 (0)4 42 17 86 91 - Fax: +33 (0)4 421 76011
E-mail: virginie.dewavrin@iter.org
**Evaluation Process & Contract Award:**

Proposals will be evaluated by an impartial, professionally competent technical Evaluation Committee of the ITER Organisation. A contract will be awarded on the basis of best value for money according to the following:

Technical Content - 60 points. The tenderer must provide details demonstrating their knowledge and experience in the required subject, including a description of how they propose to carry out the work/deliverables in accordance with the technical specification.

The Evaluation Committee shall evaluate the information provided in the bidder’s technical proposal in relation to the key criteria areas. No other criteria will be used.

**Evaluation Criteria:**

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<th>Ref criteria</th>
<th>Criteria</th>
<th>Points</th>
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<tr>
<td>1</td>
<td>Bachelor's degree in Mechanical Engineering;</td>
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<td>2</td>
<td>At least 20 years' professional experience in manufacturing and assembly of components and systems in fusion or research projects, including the development of assembly concepts and processes, and the design and manufacturing of the corresponding assembly tools;</td>
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<td>3</td>
<td>At least 15 years’ professional experience in preparing technical specifications and documentation associated with procurement, international tendering and contract administration for complex construction contracts;</td>
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<td>4</td>
<td>At least 15 years’ professional experience of the assembly of tokamaks, or very similar experience involving large and heavy components, precision alignment, ultra-high vacuum and clean conditions;</td>
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<tr>
<td>5</td>
<td>At least 10 years’ experience in the application of QA and QC to manufacturing and assembly operations;</td>
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<td>6</td>
<td>Detailed knowledge of tolerances and large volume metrology;</td>
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<td>7</td>
<td>Detailed knowledge of procedures for working with beryllium and beryllium-contaminated environments;</td>
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<td>8</td>
<td>Working knowledge of the European Machinery Directive and applicable French Health and Safety legislation and experience of preparing and designing safe working environment for construction activities;</td>
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<td>9</td>
<td>Prior knowledge of the ITER tokamak assembly would be a definite advantage;</td>
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<td>10</td>
<td>Fluent oral and written English.</td>
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E-mail: virginie.dewavrin@iter.org
Financial Offer - 40 points. The lowest priced financial offer will receive the maximum score of 40 points. All other financial offers will be divided into the lowest priced offer in turn (next highest) providing a score that is inversely proportionate to the price being offered.

Following the completion of the evaluation process described above, the proposal with the highest score out of a maximum of 100 points will be deemed to represent the best value for money.

**Eligibility**
Tenderers from the following ITER Member States are eligible for tendering:

- European Union including Switzerland (EURATOM Members),
- Republic of India,
- Japan,
- People's Republic of China,
- Republic of Korea,
- Russian Federation,
- United States of America.

The ITER Organization reserves the right to broaden the eligibility to other countries if deemed appropriate.

Until the official date of the UKs withdrawal from the EU (BREXIT), the UK shall remain a full member of the EU and UK entities shall retain the right to participate in IO procurement procedures. However, following the official date of the UKs withdrawal from the EU, the UK will not a party to the ITER Agreement, or EURATOM. Should any UK entity bidding as a prime contractor or consortium partner, will be rejected from the procurement procedure as UK entities will no longer have the right to participate in IO procurement procedures.

Yours sincerely,

[Signature]

William De Cat
Section Leader
Construction, Assembly & Logistics Section

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