

Date: 20 NOV. 2019

Call for Expertise Ref: IO/19/CFE/18353/JPA

**I&C Engineering Support for the procurement of electrical, instrumentations, control and software development of TCWS First Plasma System**

**Lot 1: I&C Senior Engineering Support**

**Lot 2: I&C Junior Engineering Support**

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. This Call for Expertise is split into 2 (two) lots, as described below:

- Lot 1: I&C Senior Engineering Support for the procurement of electrical, instrumentations, control and software development of TCWS First Plasma System
- Lot 2: I&C Junior Engineering Support for the electrical, instrumentations, control and software development of TCWS First Plasma System

The tenderers can propose an offer for one lot or for both lots. The IO will proceed with an evaluation per Lot.

The objective of this Call for Expertise (CFE) tender process is to acquire the services of two (2) suitably qualified experts 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. 23K6A8 v1.0
- Annex II: Technical Experience Profile / CV for Lot 1 (template)  
Technical Experience Profile / CV for Lot 2 (template)
- Annex III: Price schedule & cost breakdown for Lot 1 (template)  
Price schedule & cost breakdown for Lot 2 (template)
- Annex IV: Statement of exclusivity and availability for Lot 1  
Statement of exclusivity and availability for Lot 2
- Annex V: Draft Special Conditions Service Contract
- Annex VI: ITER General Terms & Conditions for Service Contracts version 2014
- 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.

Tenderers must indicate on which lot(s) they intend to bid.

**Deadline for submission of proposals:**

The time & date for receipt of proposals is: 5pm CET on **Thursday 12<sup>th</sup> December 2019**.

**Address for submission of proposal:**

Proposals should be submitted by e-mail to: [jessica.pilla@iter.org](mailto:jessica.pilla@iter.org)

**Evaluation Process & Contract Award:**

Proposals will be evaluated by an impartial, professionally competent technical Evaluation Committee of the ITER Organisation. Two evaluations will be conducted; one for each lot. Contract(s) 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.

**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.

## **Technical Evaluation Criteria:**

### **Lot 1: I&C Senior Engineering Support**

<b>Ref Criteria</b>	<b>Criteria</b>	<b>Points</b>
1	At least 20 years of experience in the design, specification, software development, procurement, installation and commissioning of PLC/DCS/HMI I&C system for conventional or nuclear plants.	15
2	At least 20 years of experience in preparing technical specifications and documentation associated with procurement, tendering and contract administration for complex construction contracts.	15
3	Strong technical background in electrical and instrumentation engineering with effective problem solving and negotiation skills.	15
4	Ability to identify improvements, resolve issues, and produce clear documentation.	10
5	Experience with the ITER project (ideally TCWS) , its procedures, document management system, etc.	5
<b>TOTAL</b>		<b>60 pts</b>

### **Lot 2: I&C Junior Engineering Support**

<b>Ref Criteria</b>	<b>Criteria</b>	<b>Points</b>
1	At least 5 years of experience in the design, specification and software development of PLC/DCS/HMI I&C system.	15
2	At least 5 years in document management systems and experience in cooling water systems.	15
3	Strong technical background in electrical and instrumentation engineering with effective problem solving and negotiation skills.	15
4	Ability to identify improvements, resolve issues, and produce clear documentation.	10
5	Experience with the ITER project (ideally TCWS) , its procedures, document management system, etc.	5
<b>TOTAL</b>		<b>60 pts</b>

**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.

The UK is not a party to the ITER Agreement but to EURATOM Treaty. The draft Withdrawal Agreement between the EU and the UK provides that the provisions of the EURATOM treaty continues to apply to and in the UK for a transition period following its withdrawal from the EU and EURATOM. If the Withdrawal Agreement is not ratified (a no-deal Brexit) the EURATOM Treaty ceases to apply to and in the UK on the withdrawal date.

Until the Withdrawal Date, the UK remains a full member of the EU and EURATOM and until that date UK entities retain the right to participate in IO procurement procedures. In case they are selected, a Brexit clause is included in the contract. Likewise during the Transition period UK entities may participate in IO procurement procedures.

After the end of the Transition Period, when the Euratom Treaty ceases to apply to and in the UK, any UK entities bidding as a prime contractor or consortium partner, will be rejected from the IO procurement procedures. UK entities will no longer be recognised as entities of an ITER Member and will no longer have the right to participate in IO procurement procedures, unless the UK has entered into an Agreement with Euratom. Where UK entities can demonstrate a unique and specific competence in a certain field the IO, with approval of the ITER Council, may also allow them to participate in a procurement procedure.

Yours sincerely,

Jessica PILLA  
Buyer  
Procurement Construction, Assembly & Logistics Section

A handwritten signature in blue ink, appearing to be "JP", with a stylized flourish extending from the bottom right.