

**Date:** 22 NOV. 2018

**Call for Expertise No IO/18/CFE/16602/VDN**

**Title: Engineering Support for 4D planning, preparation and documentation for the site assembly of Tokamak components in Worksite 1**

Dear Madam/Sir,

The ITER Organization requests Companies, Institutions or any other eligible entities, which could be interested, to provide a proposal to perform the tasks as described in the Annex 1 Technical Specifications ITER IDM Ref. XH3XZR v1.0 dated 02 Nov. 2018 according to the IO General Conditions for ITER Organization Service Contracts (v 2014 – see Annex 2).

china

**Documents required for your proposal:**

eu

- Technical Offer and Management Plan containing the relevant details of how you propose to carry out the work in accordance with the technical specification,

india

- Technical Experience Profile (see template in Annex 3),

japan

- Financial Proposal (see template in Annex 4),

korea

- Statement of Exclusivity & Availability, duly signed (see template in Annex 5),

russia

- IP / Declaration of background (BIP) information (see template in Annex 6: to be completed, signed and returned if applicable).

usa

**Deadline for submission of proposals:**

22/12/2018 at 17:00 CET

**Address for electronic submission of proposal: (as one single pdf file):**

[virginie.dewavrin@iter.org](mailto: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 evidencing their knowledge and experience in the key criteria areas listed below. The Evaluation Committee will evaluate the information provided in these key areas. No other criteria will be used.

The Evaluation Committee will evaluate the information based on the following criteria:

Number	Criteria	Points
1	Bachelor's degree in Mechanical Engineering;	10
2	At least 3 years' professional experience in the development of assembly concepts and process, and the design and manufacturing of the corresponding assembly tools;	7.5
3	At least 1 year of professional experience in 4D planning, using Synchro software to create models, using input data from Primavera and 3D models from CATIA v5; Using Synchro models to propose improvements to avoid clashes / bottlenecks;	15
4	At least 2 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;	7.5
5	Proven ability to autonomously conduct assembly studies, identify improvements, resolve issues, and produce clear documentation;	10
6	Detailed knowledge of tolerances and large volume metrology;	5
7	Prior knowledge of the ITER tokamak assembly would be a definite advantage;	5

Financial Offer - 40 Points. The lowest priced financial offer will receive the maximum score of 100 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.

The proposal with the best weighted score out of a maximum of 100 points will be deemed to represent the best value for money.

**Special conditions:**

- Any resulting service contract shall not exceed 12 months.
- 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 force.  
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.

Yours sincerely



William De Cat

Procurement Construction, Assembly & Logistics Section Leader

