



china eu india japan korea russia usa

Route de Vinon-sur-Verdon - CS 90 046 - 13067 St Paul Lez Durance Cedex - France

Date: 20/03/2020

Call for Expertise Ref: IO/20CFE/10018755/BBE

Title: Detail design of Quartz and Sapphire windows

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. 2X2B2Q v. 1.0
- Annex II: Technical Experience Profile / CV (template)
- Annex III a&b: Price schedule & cost breakdown (template)
- Annex IV: Statement of exclusivity and availability
- 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)
- Annex VIII: Confidentiality Commitment

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: **17.00 CET on 20/04/2020**

Address for submission of proposal:

Proposals should be submitted by e-mail to: Brigitte.boutiere@iter.org and copied to lijun.liu@iter.org

Contact: PRO Brigitte Boutiere-External Contractor (Procurement & Contracts Division -

Tel. +33 (0)4 42 17 68 77 - E-mail: brigitte.boutiere@iter.org

Template reference: ITER_D_46DDX5 2.1

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.

#	Criteria description	Corresponding section in the technical specification ref 2X2B2Q V1.0	Points
1	Technical capability for window design development including: Experience and knowledge in design development of glass (or ceramic) to metal diffusion bonding Experience and knowledge in design of optical component Experience and knowledge in AR coating Experience and knowledge in RCC-MR for window structural part design Experience and knowledge in system engineering for interface management	6.2.1, 6.2.2, 6.2.3	20
2	Understanding of ITER window design requirement: Nuclear safety requirement Vacuum requirement Physical and functional interface with diagnostic system and port integration ITER loading conditions for window	6.2.1, 6.2.2, 6.2.3	5
3	Quality of Technical proposal for Quartz/sapphire window final design, including instrumentation (ECH sensor, thermocouple), thermal insulation and AR coating	6.2.2	20
4	Allocated resource-load schedule for project execution: sufficient manpower, suitable qualified engineer	7.1	10
5	Design tool availability: CATIA for 3D modelling and 2D drawings, Thermo-mechanical analysis tool for design development (ANSYS is preferable)	6.2.2 and 7.1	5

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.

On 31 January 2020, the UK left the EU and Euratom with a transition period from 01 February to 31 December 2020 to be used to determine the conditions of their future relationship. Euratom is the ITER Member and the withdrawal of the UK from Euratom leads to the fact that UK is not anymore party to the ITER project.

Until the 31 December 2020, current end date of the transition period, UK entities retain the right to participate in IO procurement procedures.

Yours sincerely,

Lijun LIU
Procurement Responsible Officer
PCD ESOC Section