21st November 2016

Call for Expertise No IO/16/CFE/13464/JTR

Thermal-hydraulic FE model of the integrated equatorial port plugs.

Dear Madam/Sir,

The ITER Organization request companies, institutions or other eligible entities to provide their proposal for the provision of services to perform the task named above. The following documents are attached to allow you to propose your candidacy:

- Technical Experience Profile (template)
- Financial Proposal (template)
- Statement of exclusivity and availability (to be signed and returned)
- ITER General Contract Terms & Conditions (v 2014)
- IP / Declaration of background (BIP) information (to be completed, signed and returned)

Documents required with your proposal:
- Technical Offer & Experience Profile.
- Financial Proposal.
- Statement of Exclusivity & Availability, duly signed.

Deadline for submission of proposals:
2nd January 2017 CET at 16.00h

Address for submission of proposal:
John.taylor@iter.org copy to psc@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 -100 points weighed by 60%: 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.

1. Experience in creation of CAD and derived FE models for thermal-hydraulics coupled field FEA.................................................. 20 Points
2. Experience in thermal-hydraulics coupled field FE analysis (steady state of transient) using ANSYS-CFX (classic & workbench environments) in complex systems...30 Points
3. Skills in ANSYS APDL and CFX programing languages..................................30 Points
4. Experience in welding and related manufacturing techniques (NDE) that may be part of the thermal design of DSMs........................................10 Points
5. Experience in design of components subject to Ultra High Vacuum requirements............................................................10 Points

Contact: John Taylor –Procurement & Contracts Division - Tel. +33 (0)4 42176152 - e-mail: john.taylor@iter.org
Financial Offer - 100 points weighted by 40%: 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.

Yours sincerely,

[Signature]

William De Cat,
Procurement construction, assembly & logistics section,