

Call for Nomination

Framework Contract for Supply of SIC SCC Cubicles

1 Purpose

This Call for Nomination is for the selection of companies to bid for supply of Safety Classified Signal Conditioning Cubicles (SIC SCC Cubicles).

2 Background

ITER is a joint international research and development project that aims to demonstrate the scientific and technical feasibility of fusion power. For the construction of its experimental reactor, the IO needs to purchase construction components, and this Call for Nomination is to procure Safety Classified Signal Conditioning Cubicles.

3 Scope

IO will put in place a framework contract with the selected supplier in order to procure Safety Classified Signal Conditioning Cubicles (SIC SCC Cubicles).

The SIC SCC Cubicles serve the following purposes:

- To provide conditioning of the analog signals coming from field sensors,
- To facilitate sharing of sensors between Conventional I&C and Safety I&C,
- To provide interface between Conventional I&C and Safety I&C for actuator control,
- To ensure that faults within Conventional I&C systems do not propagate to higher category systems.

As generic requirements, SIC SCC Cubicles will normally consist of hardware such as but not limited to:

- Enclosures
- Signal conditioning devices
- Signal converters
- Solid state relays,
- Terminal blocks,
- Necessary supporting components.

The selected supplier will be in charge of:

- Manufacturing design (e.g. internal configuration, internal wiring diagrams)
- Qualification activities (such as preparation of the Qualification Program, execution of tests or analyses, production of the Qualification Report, etc.)
- Manufacturing and factory acceptance testing
- Packing and delivery of the required goods to the ITER Organization
- Submission of the relevant documentations

- Onsite start-up and commissioning assistance (Proposed as an option at an hourly rate)

4 Required Experience and Skills

The candidates shall need to demonstrate that they have the capabilities to supply the required goods in full compliance with the applicable standards as well as with the ITER quality and safety requirements.

5 Tentative Schedule

Milestone	Dates
Pre-Qualification	June 2021 – July 2021
Call for Tender	August 2021 – October 2021
Award / signature	November 2021 - December 2021

6 Candidature

Participation is open to all legal entities established in an ITER Member State, which is:

- European Union,
- Republic of India,
- Japan,
- People’s Republic of China,
- Republic of Korea,
- Russian Federation, or
- United States of America.

Entities can participate either individually or in a consortium. A legal entity cannot participate individually or as a consortium partner in more than one application or tender. A consortium may be a permanent, legally-established grouping or a grouping, which has been constituted informally for a specific tender procedure. All members of a consortium (i.e. the leader and all other members) are jointly and severally liable to the ITER Organization.

The consortium groupings shall be presented at the pre-qualification stage. The tenderer’s composition cannot be modified without the approval of the ITER Organization after the pre-qualification.

Legal entities belonging to the same legal grouping are allowed to participate separately if they are able to demonstrate independent technical and financial capacities. Candidates (individual or consortium) must comply with the selection criteria. The IO reserves the right to disregard duplicated reference projects and may exclude such legal entities from the pre-qualification procedure.