

## Call for Nomination

### **Framework Contract for Supply of Instrumentation & Control (I&C) Cubicles**

#### **1 Purpose**

This Call for Nomination is for the selection of companies to bid for supply of I&C 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 I&C cubicles.

#### **3 Scope**

IO will put in place a framework contract with the selected supplier in order to procure I&C cubicles.

As generic requirements, I&C cubicles will normally consist of hardware such as but not limited to;

- enclosures,
- programmable logic controllers (PLCs),
- remote Input and Output (I/O) stations,
- signal modules,
- interposing relays,
- terminal blocks,
- protective devices,
- isolating devices,
- mounting hardware and
- internal wiring.

There will be mainly two categories of I&C cubicles. (More types may be defined later in the technical specifications):

1) Local control cubicles (LCCs)

LCCs house the plant system I&C controllers. A LCC may house signal conditioning to improve integration of I&C equipment.

2) Signal Conditioning Cubicles (SCCs)

SCCs house the Input & Output (I/O) interface dedicated to signal conditioning.

The selected supplier will be in charge of:

- a) manufacturing design ( e.g. internal configuration, internal wiring diagrams) ,
- b) manufacturing and FAT
- c) packing, and delivery of the required goods
- d) submission of the relevant documentations

#### 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	January 2020
Call for Tender	March/April 2020
Award / signature	2Q 2020

#### 6 Candidature

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

- European Union including Switzerland (EURATOM Members),
- Republic of India,
- Japan,
- People's Republic of China,
- Republic of Korea,
- Russian Federation, or
- United States of America.

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.

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.