

## Call for Nomination

### **Framework Contract for Supply of Flanges, Gaskets and Fasteners**

#### **1 Purpose**

This Call for Nomination is for the selection of companies to bid for supply of flanges, gaskets and fasteners.

#### **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 flanges, gaskets and fasteners.

#### **3 Scope**

The selected supplier will be in charge of:

- a) manufacturing design,
- b) manufacturing,
- c) packing, and delivery of the required goods, and
- d) submission of the relevant documentations

The required items will include but not limited to:

- 1) Flanges
- 2) Gaskets
- 3) Fasteners (bolts, nuts, washers etc)

Please see Annex 1 for a sample of the goods, which may be purchased by the IO through supplier orders to be issued under the framework contact. The design is still under finalization and is subject to change. Also, it does not represent the entire list of the procurement items in future and more items may/will be added. In any case, the detailed technical requirements will be defined later in the technical specifications and be communicated to the nominated candidates.

#### **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**

<b>Milestone</b>	<b>Dates</b>
Pre-Qualification	From September
Call for Tender	From November 2019
Award / signature	Q1 2020

At the option of the IO, Pre-Qualification might be combined with Call For Tender.

## 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.

## Annex 1 - Sample list of the goods (non-exhaustive list for information)

Sample of the goods, which may be purchased by the IO through supplier orders to be issued under the framework contract. The design is still under finalization and is subject to change. Also, it does not represent the entire list of the procurement items in future and more items may/will be added. In any case, the detailed technical requirements will be defined later in the technical specifications and be communicated to the nominated candidates.

### 1. Flanges

Types	Diameter range	Material specification	Dimension standard	remark
WELD NECK FLANGES	DN15 up to DN300	ASTM A 182 F 304	ANSI B16.5, 150# PIPE SCH. 40S	WNRF, SERRATED FINISH
FLANGES	DN ≤ 50	ASTM A 182 F 304	ANSI B16.5, 150#	SWRF, SERRATED FINISH
	DN65 up to DN600	ASTM A 182 F 304	ANSI B16.5, 150#	SORF, SERRATED FINISH
BLIND FLANGES	DN15 up to DN600	ASTM A 182 F 304	ANSI B16.5, 150#	RF, SERRATED FINISH

### 2. Gaskets

Types	Diameter range	Material specification	Dimension standard	remark
Spiral wound gaskets	DN15 up to DN300	SS 304 Inserted Graphite	AINSI B16.20	

### 3. Fasteners (bolts, nuts, washers etc)

Types	Standard	Material specification	remark
Hexagon Head Bolt	ISO 4017	ASTM A 193 GR B8 Class 2 (eq AISI 304)	M14 to M33
Stud bolt	ISO 724	ASTM A 193 GR B8 Class 2 (eq AISI 304)	M14 to M33
Hexagonal type Nuts	ISO 4033	ASTM A 194 GR 8 (eq AISI 304)	M14 to M33
Plain type washers	ISO 7089	ASTM A 194 GR 8 (eq AISI 304)	M14 to M33