

Technical Specifications (In-Cash Procurement)

Call for Nomination - Crane Operator Services

The document provides a summary description of the technical requirements associated with a future contract for the provision of crane operator services, and shall apply to a Call for Nominations to be issued by the IO. This is not the technical specification for the future contract, which will fully detail the IO requirements.

Call for Nominations

Framework Contract for Crane Operator Services

1. Purpose

This document provides a summary description of the technical requirements associated with a future contract for the provision of crane operator services, and shall apply to a Call for Nominations to be issued by the IO. This is not the technical specification for the future contract, which will fully detail the IO requirements.

2. Background

The ITER Facility is currently under construction in Cadarache, Southern France.

Central to the facility is the Tokamak Complex, a nuclear rated structure in reinforced concrete that comprises three isolated buildings, integrated into a single structure, Figure 1. With a footprint of 118 x 81 m, the Complex extends vertically from -15 m to +40 m relative to ground level, and contains the plant systems that service (power, heat, cool, condition, fuel, monitor and control) the Tokamak. The Tokamak machine, enveloped by a cylindrical concrete bio-shield of 30 m diameter and 30 m height, is located at the centre of the Tokamak Building.

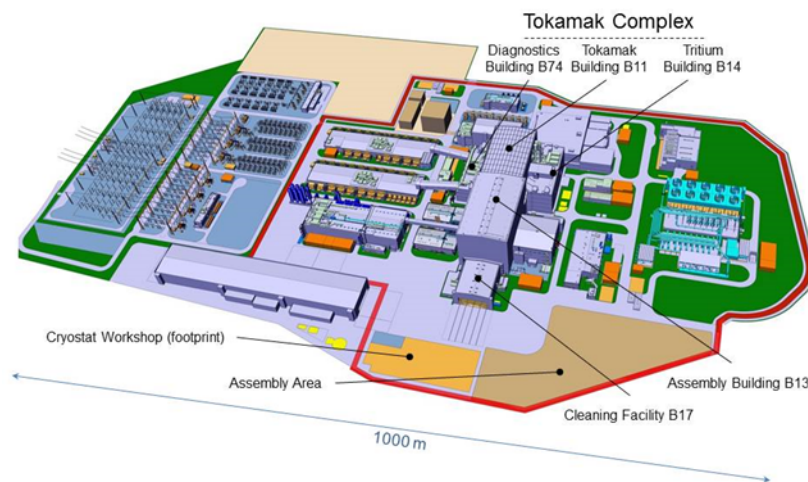


Figure 1: Layout of the ITER Site

To support the assembly of the Tokamak machine there is a steel-framed Assembly Building, arranged together with the Tokamak Building to form a continuous, 195 m long crane hall. The lifting capability in this crane hall is provided via four overhead travelling cranes (2 x 750t and 2 x 50t), and one mobile gantry crane (60t).

As part of the Construction activities of the IO and other stakeholders, ITER intends to establish a contract for the provision of operator, and associated services for these cranes.

3. Scope

The scope of the procurement includes the following “core services” which the IO will instruct, and “optional services” which IO may instruct:

Core Services

- a. A core crane operator service, to cover the operation and daily inspection of the four overhead travelling cranes (2 x 50t and 2 x 750t capacity), and 60t mobile gantry crane that support the assembly process for the Tokamak machine. The assembly operations are planned on 2 x 8 hour shifts, 6 days per week, and this defines the base working pattern for the crane operator services.
- b. IO initially requires the continuous cover of three, CACES certified, experienced, and trained (on the specific ITER equipment) operators during working hours; shift times and working days will be confirmed.
- c. During execution of the contract, the required level of service, shift times and working days will be subject to change with an agreed notice period.
- d. Site management and supervision, at levels to be confirmed.
- e. Lifting engineering expertise, via suitably qualified and experienced (SQEP) lifting engineers; level of service to be confirmed.
- f. Certification and training of all resources supplied under this contract, including the maintenance of associated records.
- g. Cover for any periods of absence. The contractor shall be responsible for ensuring the specified level of service during any periods of absence, irrespective of the reason.
- h. Cover for unplanned, additional needs on a best-effort basis.

Optional Services

- i. Provision of extended design, engineering, and procurement support, as may be instructed by IO. This service may be provided at a location remote from the ITER site.

4. Capability and Experience Requirements

The candidate shall be a single legal entity, not a consortium, and, to be qualified for this procurement, shall be required to demonstrate the capability to undertake the full scope of the specified core and optional services, without the need of sub-contracting. The candidate shall have extensive experience in heavy (>500t), complex lifting operations using multiple lifting devices, and experience of working in the nuclear, or similar highly regulated environment, where procedural rigor and traceability are of high importance.

The candidate shall have an ISO 9001 accredited quality system, or a formal quality program that is acceptable to IO, and shall be required to confirm that all works performed for IO under this Contract will be covered by this system. At the call for tender stage, the candidate shall be required

to supply certificates confirming the currency of any accreditations cited, and a draft quality plan for this Contract.

The candidate shall have a formal safety management system that is acceptable to IO, and shall be required to confirm that all works performed for IO under this Contract will be covered by this system.

At the call for tender stage, the candidate will also be required to provide his official safety statistics, covering the performance of activities relevant to the services to be provided under this Contract, for the last five years.

5. Tentative Schedule

The indicative timetable for the solicitation process, and execution of the contract, is as follows:

Milestone	Dates
Call for Nominations	Q3/2019
Call for Tender / Prequalification (combined)	Q3 – Q4/2019
Award	Q1/2020
Initial Mobilization	Q2/2020
Contract end (fixed part)	Q4/2024

6. Candidature

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

- 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 United Kingdom (UK) is not a party to the ITER Agreement. However, UK entities are currently eligible to participate in ITER procurement procedures by virtue of UK membership of the European Union and EURATOM.

In the scenario of BREXIT without a withdrawal agreement between the EU and the UK (the so called “no-deal BREXIT”), or in the event of a further delay to BREXIT, the UK remains a full member of the EU, and UK entities remain eligible to participate in IO procurement procedures, until the BREXIT date.

However, at the time of a no-deal BREXIT, any UK entity bidding as a prime contractor or consortium partner will be eliminated from all ITER procurements, as UK entities will no longer be eligible to participate.

The candidate shall be a single legal entity, not a consortium.