

Call for Nomination Documents

Contract for the Provision of a Reinforced Concrete Slab and a Gantry Crane - Call For Nomination

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Nomination



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Purpose

ITER is a joint international research and development project aiming to demonstrate the scientific and technological feasibility of fusion power for peaceful purposes. The seven members of the ITER Organization are: The European Union (represented by EURATOM), Japan, the People's Republic of China, India, the Republic of Korea, the Russian Federation and the USA. The ITER Organization is located in Saint Paul lez Durance – France. Further information is available on the ITER website: <http://www.iter.org>.

The Purpose of this document is to provide a summary description of the technical requirements of the ITER Organization (IO) associated with a future contract for the construction of a new storage zone to be built at the ITER site. The storage zone will consist of a reinforced concrete slab and a gantry crane including rails and foundations.

This document shall apply to the Call for Nomination to be issued by the IO to the ITER Domestic Agencies for the works to be carried out. This document is not the final specification for the future contract which will contain more detail of the IO requirements.

Background

ITER is the next generation of Fusion machine, currently under construction in the South of France. As part of the Construction activities of the IO and other stakeholders, ITER intends to put in place a contract for the construction of a new storage zone to be built at the ITER site. The storage zone will consist of a reinforced concrete slab and a gantry crane including rails and foundations. As the location of the new storage zone is an area used for the deposit of excavated material from the ITER construction site, the works will also include the compaction of the ground in order to achieve the necessary bearing capacity. After the gantry crane is commissioned the ITER Organization shall install a lightweight building around the gantry crane and the rails. The building does not form part of the scope of this Call for Nomination.

Scope of work

The scope of work consists of:

- Preparing all necessary designs for the compaction of the soil.
- Preparing all necessary designs for the reinforced concrete slab, the crane rails (including necessary foundations) and the crane itself.
- Undertaking the necessary compaction works of the soil.
- Constructing any necessary foundations for the gantry crane rails.
- Install ducts under the reinforced concrete slab in order that IO can bring power and communication networks to the future building.

- Constructing the reinforced concrete slab which will have an area of about 10,000m². The slab shall incorporate the crane rails for the gantry crane such that the top of the crane rails are at the same level as the slab.
- Supply, installation and commissioning of the gantry crane that shall have a capacity of 35 tonnes and a clear span of about 25 metres. The height under the hook will be about 6m metres. Once commissioned, the Contractor shall provide an adequate weatherproofing to the crane and ITER will build a lightweight warehouse around the gantry crane after it is installed. The building will not be part of the scope of this contract.
- The Contractor shall put in place a servicing contract for the gantry crane valid for a 2-year period.

IO shall provide the Contractor with the following in order that the Contractor can execute the works:

- Workspace local to the area where the works are being carried out.
- 1 small office and two desks at the ITER Site.
- 2 car parking spaces within the ITER Contractors area.
- Use of showers, lockers and refectory by the Contractors workforce.

Timetable

The tentative timetable is as follows:

Pre- Qualification issuance:	15 May 2017
Call for Tender issuance:	17 July 2017
Call for tender deadline:	31 August 2017
Contract Signature:	1 December 2017
Completion of Works	1 May 2018

Experience

The Contractor shall be able to demonstrate that they can directly manage all the work described in this Call for Nomination. The Contractor may subcontract parts of the works in particular the soil compaction and gantry crane.

The Contractor shall have at least one nominated person based full-time at the ITER Site during the works who is able to communicate effectively in the English language and prepare necessary documentation in English.

The Contractor shall have ISO 9001 certification or similar.

Candidature

Participation is open to all legal persons participating either individually or in a grouping (consortium) which is established in an ITER Member State. A legal person 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.