



Technical Summary

Framework Contract for the Provision of Minor Civil Engineering Works at the ITER Site

Call for Nomination

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 framework contract for the provision of minor modification civil works to existing ITER infrastructure and buildings.

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 framework contract which will contain more detail of IO requirements.

Definitions

IO	The ITER International Organization for Fusion Energy
DA	One or more of the Seven Domestic Agencies of the ITER Members (China, Europe, India, Japan, Russia, South Korea United States of America)
The Contractor	The supplier of the services to which this Call for Nomination applies
ITER Site	Land put at the disposal of the ITER Organization in Cadarache, France
Constructor	The entity responsible for using the services described in this Call for Nomination
CMA	Construction Manager as Agent appointed by IO to manage and control the construction works at the ITER Site.

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 framework contract for the provision of minor modification civil works to

some of the ITER buildings and infrastructure, primarily to ensure that plant and equipment can be installed in an efficient and effective manner.

The works that are the subject of this Call for Nomination are restricted to the buildings and infrastructure that IO will be handed over to the ITER Organization in the period 2017 to 2019. This includes a number of steel framed and concrete buildings as follows:

- Building 61 – Site Services Building;
- Building 13 – Assembly Building;
- Building 17 – Cleaning Facility Building;
- Building 32 – Building 33 – Magnet Power Conversion Buildings;
- Building 51 – Building 52 – Area 53 – Cryo-plant;
- Building 36 – Main Alternating Current Distribution Building;
- Building 38 – Reactive Power Control Building;
- Building 15 – RF Heating Building.

Scope of work

The Contractor shall undertake a range of modification works that may include one or more from the following generic and non-exhaustive list:

- Creation of openings in walls, floors and ceilings of reinforced concrete buildings necessary for the passage of services from one area to another.
- Creation of opening in cladding (steel buildings) necessary for the passage of services from one area to another.
- Filling of penetrations in reinforced concrete walls, floors and ceilings.
- Installation of removable and fixed panels in cladding.
- Installation of handrails, guardrails, steps, gratings, covers, false floors, structural steel supports and other steelwork
- Installation of minor concrete structures such as slabs, walls, plinths, manholes
- Installation of non-structural walls (plasterboard, lightweight blocks etc)
- Installation of post-drilled steel plates
- Installation of doors
- Touch up works such as painting, repair of fire protection coating, floor coverings
- Construction of fences, footpaths and other miscellaneous external works
- Repairing minor damage to concrete and steel structures
- Demolition of plinths, slabs and other reinforced concrete structures

The Contractor will be expected to undertake these minor works at short notice which shall typically be one month.

The Contractor shall be provided with:

- 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:	April 2017
Call for Tender issuance:	June 2017
Call for tender deadline:	July 2017
Award:	September 2017
Completion of contract	December 2020

Experience

The Contractor shall be able to demonstrate that they can directly (without sub-contract) undertake the services for provision of all the equipment listed above. Sub-contracting may be authorised by IO in certain specific cases.

The Contractor shall be able to demonstrate experience of working in a nuclear environment or similar highly regulated environment where procedural rigour and traceability is of high importance.

The Contractor shall be expected 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.

