

Technical Specifications (In-Cash Procurement)

Technical Summary - Statutory Inspections (initial and periodical) to be performed on equipment located on the ITER site, by a certified Notify Body contractor

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 regulatory inspections (initial and periodical) to be performed on equipment located on the ITER site, by a certified Notify Body contractor.



Framework Contract for the regulatory inspections to be performed on equipment located on 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 regulatory inspections (initial and periodical) to be performed on equipment located on the ITER site, by a certified Notify Body contractor.

This document shall apply to the Call for Nomination to be issued by the IO to the ITER Domestic Agencies for the performance of regulatory inspections services. 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

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, the IO intends to put in place a service framework contract for the regulatory inspections (initial and periodical) to be performed on equipment located on the ITER site, by a certified Notify Body contractor.

There will be no obligation for the IO or the Domestic Agencies to use the services of the Contractor. However it is expected that the scale of services to be provided and the provision of space at the ITER Site for the contractor will enable the Contractor to remain competitive throughout the duration of the contract period.

Scope of work

The scope of work concerns all equipment related to any kind of regulatory inspections (initial or periodical) with respect to the French regulations and possibly specific inspections (e.g. for temporary equipment or following French Authorities' particular requests). The Contractor shall be duly accredited by French Authorities to perform regulatory periodical inspections, including for installations considered as "Installations Classées pour la Protection de l'Environnement" (ICPE) according to French legislation.

Consequently, the scope of work concerns at least the following fields, as defined by the regulation:

- rooms aeration and air treatment;
- pressurised devices (movable or not),
- elevators and lifts,
- lifting and handling devices and tools,
- tanks, basins and reservoirs,
- electrical safety devices (e.g. lighting, generator, insulating tools, automated external defibrillators),
- all other electrical devices (including microwaves, coffee machines),
- lightning protection devices,
- collective and personal protective equipment (PPE),
- fire detection and protection devices (including all types of extinguishers),
- refrigeration and/or thermal devices,
- machinery,
- doors and gates,
- electromagnetic fields,
- fluid networks (including water for human consumption),
- ICPE.
- Storm dykes

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
Contract starting date:	January 1 st , 2018
Completion of first phase (4 years)	December 31 st , 2021

It is expected that the Framework Contract will include 2 options of 2 years each.

Experience

The Contractor shall demonstrate that they can directly (without sub-contract) undertake the services for inspecting all the equipment listed above.

The Contractor shall be duly accredited by French Authorities to perform regulatory periodical inspections, including for installations considered as “Installations Classées pour la Protection de l’Environnement” (ICPE) according to French legislation. The Contractor shall provide proof of certification by Cofrac as inspection organization in Electricity, electro mechanics, pressurized equipment, fluids, Safety and environment fields according to COFRAC INS INF 06, and standard NF EN ISO/CEI 17020.

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

Candidature

Participation is open to all legal persons participating individually 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.

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 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.