

Technical Specifications (In-Cash Procurement)

Technical summary - supply and install racks and other associated equipment in the warehouse of the logistics platform in the ITER site

The purpose of this technical summary is:

To provide the potential suppliers the work scope and the types of products (warehouse racks and other associated equipment) to be supplied and installed in the warehouse in the logistics platform of the ITER site; To specify applicable norms and regulations that the Contractor shall have to respect in order to meet the project performance requirements of ITER.

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1 Purpose

1.1 Background

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. Further information is available on the ITER website: <http://www.iter.org>

Now ITER components have started to be delivered to the ITER site, to address the storage demand, a warehouse is being constructed in logistics platform of the ITER site and warehouse racks and other associated equipment are to be installed after the warehouse construction is completed.

1.2 Purpose

The purpose of this technical summary is:

- To provide the potential suppliers the work scope and the types of products to be supplied and installed in the warehouse in the logistics platform of the ITER site;
- To specify applicable norms and regulations that the Contractor shall have to respect in order to meet the project performance requirements of ITER.

2 Scope

The scope of this project to be undertaken by the Contractor is:

- Supply and installation of the products to be used in the warehouse in the logistics platform of the ITER site;
- Test, commission and hand-over of the products to ITER in the warehouse in the logistics platform of the ITER site.

The design life of the products shall be at least 10 years and the Contractor should allow for this in the supply and installation.

3 Products required

3.1 Conventional pallet racks

The conventional pallet racks will be used to store the palletized cargo and small-medium sized wood crates. The conventional pallet racks shall be the narrow aisle type with the level numbers of floor + 5.

3.2 Cantilevers

Cantilevers will be used to store long or irregular sized loads. Heavy duty type will be required with the level number of floor + 6.

Small goods racks

The small goods racks will be used to store small-sized and light weight loads that can be handled manually. Multi-tier small goods racks equipped with floors and stairs shall be required.

3.4 Mezzanine floors

Mezzanine floors will be used to increase the usable space within the existing premise. The modular structure of the mezzanine flooring system shall be preferred.

3.5 Modular security fence

Modular security fence will be used to enclose a specific zone in the warehouse. The modular safety fence should be robust, and easy to be installed, adjusted and removed.

4 Warehouse conditions

4.1 Warehouse layout and floor conditions

The warehouse is a steel structure type with the net height of 9 meters and built on a concrete slab with the bearing capacity of 5t/m². The surface of the warehouse is 9,000 m², and half of the space is to be equipped with racks.

4.2 Electricity provision

ITER will provide the Contractor with connection points in the warehouse for low voltage electricity (standard power plugs 16A 220V).

5 General conditions and information

5.1 Safety and environmental protection

The Contractor shall comply with the regulations and procedures of ITER organization in the aspects of site safety and environment.

5.2 Access to the site and work authorisation

Prior to the start of any works on the ITER site, an access to the site and work authorisation request must be submitted and approved.

5.3 Language

Since the official language of the ITER Project is English all proposal documents sent to, and communications with, the ITER Organization shall be conducted in English.

6 Norms and regulations

The work of the contractor shall be compliant with European and French norms and regulations, in particular:

- EN 1993-1-1 (2005) (English): Eurocode 3: Design of steel structures - Part 1-1: General rules and rules for buildings
- EN 1993-1-3 (2006) (English): Eurocode 3: Design of steel structures - Part 1-3: General rules - Supplementary rules for cold-formed members and sheeting
- Normes NF EN 15 512: Principes applicables au calcul des structures systèmes de stockage statiques
- Normes NF EN 15 620: Tolérances, déformations et jeux/rayonnages à palettes
- Normes NF EN 15 629: Spécifications du système de stockage
- Normes NF EN 15 635: Utilisation et maintenance de système de stockage

7 Duration

The contract duration is 3 months after signature of the contract.

8 Timetable

The tentative timetable is as follows:

Call for Nomination deadline:	February 2015
Pre-qualification submission:	March 2015
Tender submission:	May 2015
Notification of contract award:	June 2015
Contract signature:	July 2015

9 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.