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Technical Specifications (In-Cash Procurement)

Technical Summary_Framework Contract for the Warehousing Logistics Services on ITER site

This document serves a technical summary to kick off a framework contract tendering for the Warehousing Logistics Services on ITER site.



TECHNICAL SUMMARY

Framework Contract for the Warehousing Logistics Services on ITER site

1. 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>. ITER is a nuclear Facility (INB 174 as per French Regulation) and as such is object of specific regulations (French Order of 7 February 2012).

The Purpose of this document is to provide a summary description of the technical requirements of the ITER Organization associated with a future framework contract for the Warehousing Logistics Services to be provided by the Contractor in all storage areas on the ITER site as described in the following table.

Storage Area	Storage Level	Total Space (Gross Surface Area) m ²	Temperature Control	Humidity Control (%)	Location
Zone 1 Warehouse	Level B	1200	5 °C to 60 °C	None	On-site
Zone 1 Open Yard	Level D	4800	None	None	On-site
Zone 2 Cell A (North)	Level A	3000	5°C - 28 °C	10% - 70% RH	On-site
Zone 2 Cell B (South)	Level A	6000	5°C - 28 °C	0% - 70% RH	On-site
Zone 2 Open Yard	Level D	3700	None	None	On-site
Zone 3.1 Warehouse	Level B	800	5 °C to 60 °C	None	On-site
Zone 3.2 Warehouse	Level C	800	None	None	On-site
Area 73 Open Yard	Level D	1440	None	None	On-site
B73.1 Warehouse (west)	Level B	1650	5 °C to 60 °C	None	On-site
B73.1 Workshop (East)	Level A	750	15 °C to 29 °C	30% - 60%	On-site
B73.3	Level B	2500	5 °C to 60 °C	None	On-site
PSL Warehouse (5 cells)¹	Level B	30000	5 °C to 60 °C	None	Off-site
B55.2 Warehouse	Level B	1800	5 °C to 60 °C	None	On-site
A3.2 Warehouse	Level C	400	None	None	On-site
Area 85	Level D	6000	None	None	On-site
Zone 2.1 Warehouse	Level B	2850	5 °C to 60 °C	None	On-site
Zone 2.1 Outside Cantilevers	Level D	900	None	None	On-site
Zone 2.1 Open Yard	Level D	3500	None	None	On-site
B55.4 Shelter	Level C	1800	None	None	On-site
B73.4 Shelter	Level C	800	None	None	On-site
B73.5 Shelter	Level C	630	None	None	On-site
TOTAL		75320			

Table 1 – IO storage area description

Definition:

Storage Level A: Indoor storage with temperature control humidity control to specified limits.

Storage Level B: Indoor storage with temperature control.

Storage Level C: Indoor storage without temperature and humidity control.

Storage Level D: Outside Storage.

Note:

1. The PSL warehouse is a steel structure warehouse located in Port-Saint-Louis-du-Rhône-13230 (PSL) and leased by the IO for the off-site storage.

This document shall apply to the Call for Nomination to be issued by the ITER Organization to the ITER Domestic Agencies.

This document is not the final specifications for the future framework contract. A full technical specifications will be issued with the tender which will contain fully detailed requirements.

2. Scope

The Contractor shall provide the necessary human and equipment resources to undertake the following works with a close collaboration with the IO:

2.1 Logistics and storage planning

The Contractor shall undertake the delivery planning, storage forecasting for all IO Storage Areas, as per Table 1 above, whether on or off site for any load, and component type.

2.2 Warehousing

The Contractor shall undertake the receiving inspections, storage, preservation, physical inventory control, delivery to requestors (usually construction contractors), returns of the ITER components, and Material Transfers both in the onsite and offsite warehouses.

The Contractor shall undertake other miscellaneous logistics services after mutual agreement between The Contractor and IO (such as support for technical and quality inspections, performing preservation activities, cleaning, packaging, and/or possible minor repair works) provided that the equipment and requirements are specified and understood and assuming adequate resources are in place. These activities are subject to dedicated work assignments discussed on a case by case basis.

2.3 Site HEL (highly exceptional load) handling, movement and engineering

The Contractor shall be responsible of delivery the ITER components and the relevant tools and equipment from one location to another location, including the off-site storage area and test facilities. The Contractor shall have the technical resources to co-work with SPMT (Self-Propelled Modular Transporter) and lifting Contractors to calculate and analyze HEL handling and movements.

2.4 Offsite dangerous cargo storage

The storage of dangerous cargo, e.g. transformer oil, industrial batteries is not allowed on the ITER site, the Contractor shall be responsible for sourcing qualified off-site warehouses (storage space less than 200 m²) to store the dangerous cargo of the ITER project within 150 Km of the ITER site.

2.5 Off-site warehouse facility management and off-site storage insurance

The Contractor shall be responsible for facility management of the off-site warehouse located in Port-Saint-Louis-du-Rhône-13230 (PSL) – see Table 1 above, including cleaning, maintenance, security and the facility insurance. The Contractor shall also contract an insurance company to subscribe an all-risk insurance coverage for the ITER components stored in the off-site warehouse.

3. Contract type

It is foreseen to place a Framework Service Contract. The Contractor shall execute the Services requested in each individual Task Order, in accordance with the task specification.

It is expected that the IO will place annual Task orders for the services.

4. Work location

Considering the above description, it is estimated that 80% of the services will be performed on-site in Saint Paul lez Durance (13067) and rest of the services be performed off-site in Port-Saint-Louis-du-Rhône (13230).

5. Required skills and experience

The ITER Organization is looking for applicants able to demonstrate experience in the areas of expertise listed above.

The applicants shall in addition demonstrate experience in warehouse management and logistics services for large industrial project where procedural rigor and traceability is of key importance.

The quality assurance system implemented by the applicants shall be based on a recognized quality standard meeting the ITER Quality Assurance Program requirements.

The Contractor shall provide labor and other personnel with appropriate skills, technical and management expertise to perform the works described in Section 2.

Unless otherwise agreed by the IO, the Contractor shall provide equipment resources with the following compliance:

- The equipment shall be in a good working condition that ensures the operation in a safe and efficient manner;
- The equipment shall be provided under the full services term that covers the maintenance, fuel consumables and insurance;
- In case that the equipment is provided with an operator, the operator shall be able to provide other relevant logistics operations apart from that equipment operation;
- The periodic verification of the materials handling equipment and tools shall be the responsibility of the Contractor.

For the human resources to be provided by the Contractor, the following competency guidelines shall be utilized as a general reference:

- All individual contributors, e.g. material handling equipment operators, office clerks, shall have certified training from a recognized and licensed institution for work that they perform.
- All supervising staff shall be trained and certified from a recognized and licensed institution

for work that they supervise, combined with a minimum of 5 years team leading experience.

- All managers shall have a minimum of 8 years relevant working experience for a large industrial logistics project or similar major project experience with proven managerial skills.
- The use of Smartplant materials management system is mandatory for the warehousing and logistics services. All the relevant staff shall be able to use Smartplant materials system after training. The IO reserves the request that the contractor will use the SAP MM (Material Management) module for the spare parts management in the warehouses.
- Due to the high regulation nature of the ITER project, the Contractor's staff shall be able to work with the accountability and in a pro-active & open-minded manner.
- IO prefers that the Contractor will be organized in a cost-effective, highly responsive and technical value added structure.

6. Duration of the Contract

The Framework contract is scheduled to come into operation in 1st of January 2025 with a fixed term of 4 years and two extension options of one year duration each.

Before the formal operation, the contract shall start with a preparation phase of approximately 6 months. During the preparation phase, the Contractor is expected to prepare for the operational phase in order to be fully ready to take over the operation from the company currently in charge of the warehousing logistics services.

7. Timetable

The tentative timetable is as follows:

A site visit will be organized in the frame of the Call for Tender stage.

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| • Prequalification issuance: | October 2023 |
| • Call for tender issuance: | January 2024 |
| • Award: | June 2024 |
| • Start of ramp-up phase: | 1 July 2024 |
| • Start of operational phase: | 1 January 2025 |
| • Contract end date (firm part) | 31 December 2028 |

8. Candidature

Participation is open to all companies established in an ITER Member State. A consortium can be constituted either as a permanent, legally established grouping or as an informal grouping formalized with engagement letter for a specific tender procedure.

The consortia shall be presented at the prequalification stage, where they will be assessed as a whole. Consortia cannot be modified later without the prior approval of the ITER Organization.

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.