



TECHNICAL SUMMARY

Service Framework Contract for Facility Management Services

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>.

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 which will be split in to two different Lots. Lot 1 is for Miscellaneous Facility Management Services and Lot 2 for Waste Management Services.

At the start of the services, there will be around 35 buildings (and 45 small structures as substations, guardhouses, containers) as well as five off-site buildings located in Corbieres to clean, operate and maintain, half of which are office buildings. Throughout the lifetime of the contract, this number will increase to approximately 40 to 45 buildings (refer site map in appendix).

Type of buildings/areas/equipment	Quantity (internal floor area)
Buildings (total)	35 (100 000 m ²)
Warehouses	7 (13 000 m ²)
Off-site buildings (Corbieres)	5 (3 405 m ²)
Office Buildings	11 (35 000 m ²)
Industrial buildings	18 (47 000 m ²)
Carparks	78 000 m ²
Roads	62 000 m ²
Green areas	190 800 m ²
Lifts	15

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 which will contain more detailed requirements.

2. Scope

The services to provide are intended to support the ITER Organization in the operation of completed facilities for which it is responsible, to ensure that the required performance standards, quality levels and other work requirements are achieved.

For this purpose, the Contractor shall be responsible for providing a complete management solution



including:

- Labor and other personnel with appropriate skills, technical and management expertise;
- Materials, spare parts, plant, tools, transport, test instruments, chemicals, lubricants and other sundry materials,

2.1. Miscellaneous Facility Management Services (Lot 1)

The services to be provided under this Lot shall include:

- Building and office cleaning;
- Ground maintenance (green areas and hard surfaces);
- Snow removal and gritting;
- Pest control;
- Vehicle management (including cleaning, servicing, tyre changing, car reservations);
- Key Management;
- Office relocation services;
- On-call service;
- General multiservice tasks;
- Distribution of consumables;
- Property asset management;
- Building maintenance including:
 - Walls;
 - Manual doors and modes 0 and 1 fire rated doors;
 - Blinds;
 - Roofs, terraces and patios;
 - False ceiling;
 - Furniture;
 - Minor plumbing and including boilers (up to 200 l);
 - Shelters (smoking and bicycle);
 - Fences and gates;
 - Fire extinguishers (signage, covers, supports and pins).

The following activities are provided by other contractors and not included in the scope of this Lot:

- Buried hydraulic networks (pressurized and drainage),



- Operation and maintenance of Medium and High Voltage power supply (>1000V)
- Operation and maintenance of lifting and handling equipment (cranes, hoists)
- Motorized doors maintenance and repair;
- Building structures corrosion treatment and mechanical bonding;
- Cat ladder maintenance;
- Safety related equipment maintenance;
- Specific door maintenance (Heavy nuclear, shielding doors);
- Mode 2 fire rated doors;
- Electrical network maintenance;
- Public address and fire detection systems;
- Fire extinguishers (statutory inspections and maintenance);
- Building monitoring system;
- Electronic blind controls;
- HVAC maintenance.

2.2. Waste Management Services (Lot 2)

The services to be provided under this Lot shall include:

- Supply, installation and maintenance of waste containers;
- Waste collection, follow-up and tracking;
- Waste evacuation from the ITER Site (transport, recycling, disposal);
- Operation of on-site waste management facilities and equipment;
- Proactive awareness actions;
- Follow-up waste sorting KPI's;

In addition, the Contractor will have to elaborate a specific logistic solution for the evacuation of large metallic frames generated by the assembly of the ITER Machine components. These frames are generally cut by the Contractor to suitable dimensions to be transported through conventional logistic container to treatment channel.

The main categories of conventional waste produced on the site along with approximate quantities based on 2021 figures are (tons):

Recyclable urban waste (paper, cardboard, plastic bottles, metallic cans, glassware etc.)	16.885
Non-recyclable urban waste (building/offices activity waste)	81.59
Food waste including frying waste	15.45
Recyclable industrial waste (metal scrapping, wood, plastic etc.)	180.72
Sensitive documents to destroy (shredding)	Included in paper waste



Sewage sludge	79.2
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The main categories of hazardous waste produced on the site along with approximate quantities based on 2021 figures are (tons):

Contaminated packaging	0.595
Batteries and battery packs	5.827
Toner and ink cartridges	0.261
Sprays	0.094
Fluorescent lamps and bulbs	0.197
Used oils	3.021
Electronic waste (e.g. computers, screens, printers etc.)	25.903
Industrial wastewater	21.616
Toxic waste in dispersed quantity	0.401

2.3. Reporting and expected deliverables

The Contractor will be responsible for supplying operation and maintenance documents as expected deliverables, in particular:

- Weekly and Monthly progress reports;
- Safety training reports;
- Monthly inventory reports;
- Monthly environmental statistics.

Specific deliverables for Lot 1:

- Daily intervention reports (order of magnitude: 300 intervention tickets to be closed each month);
- Meter readings and consumption analysis;
- Weekly anomaly reports;
- Regulatory shrub clearing certificates;
- Maintenance process layouts;
- Maintenance reports.

Specific deliverables for Lot 2:

- Waste removal and recycling reports.

3. Contract type

Two framework contracts are envisaged, one for each Lot, in order to provide the full range of services required. In case one bidder is awarded both Lots, the Lots will be combined in one single



contract. The framework contract will be implemented by means of Task Orders, intended as a self-standing engineering activity. The signature of the Framework Contract shall not imply, in any way, any obligation on the ITER Organization to proceed with any purchase through Task Orders further to its signature. Only implementation of the Framework Contract through Task Orders shall be binding on the ITER Organization. The Contractor shall execute the Services requested in each individual Task Order, in accordance with the task specification.

4. Work location

Considering the above description, it is envisaged that the Contractors staff will be authorized to share his activities between his own offices and the ITER site, Cadarache, France. It is estimated that 90% to 100% of the task will be performed on the ITER site in Saint Paul lez Durance and in the ITER premises in Corbières (France).

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 nuclear installations as well as work environments of a similar size.

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

It is expected that the resource required fulfilling the Task Orders (TO) will be equivalent to 50 Full Time Equivalent (FTE) at the beginning of the Contract Operational Phase.

6. Duration of the Contract

The Framework contract is scheduled to come into force in September 2023 and last for 4.5 years. (The contract shall start with a ramp-up phase of approximately 3 months, followed by an operational phase of 4 years). During the ramp-up phase, the Contractor is expected to prepare for the operational phase in order to be fully ready to take over the services from the company currently in charge of the operation and maintenance of buildings and site infrastructure.

The Contract will include two optional extensions of 1 year each.

7. Timetable

The tentative timetable is as follows:

Prequalification issuance:October 2022
Call for tender issuance:December 2022
Award:May 2023
Start of ramp-up phase:.....1 September 2023



Start of operational phase:1 December 2023

Contract end date (firm part)30 Nov 2027

8. Candidature

Participation is open to all companies established in an ITER Member State. A consortium may be a permanent, legally – established grouping or a grouping, which has been constituted informally – but formalized with engagement letters – 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.