

PRIOR INFORMATION NOTICE (PIN)

Tender Summary

IO/22/OT/70000769/LLU

for

Support of Requirements Preparation and Follow-up

Abstract.

The purpose of this summary is to provide prior notification of the IO's intention to launch a competitive Open Tender process in the coming weeks. This summary provides some basic information about the ITER Organisation, the technical scope for this tender, and details of the tender process for the this package.

1 Introduction

This Prior Information Notice (PIN) is the first step of an Open Tender Procurement Process leading to the award and execution of a Supply Contract.

The purpose of this document is to provide a basic summary of the technical content in terms of the scope of work, and the tendering process.

The Domestic Agencies are invited to publish this information in advance of the forth-coming tender giving companies, institutions or other entities that are capable of providing these services prior notice of the tender details.

2 Background

The ITER project is an international research and development project jointly funded by its seven Members being, the European Union (represented by EURATOM), Japan, the People's Republic of China, India, the Republic of Korea, the Russian Federation and the USA. ITER is being constructed in Europe at St. Paul–Lez–Durance in southern France, which is also the location of the headquarters (HQ) of the ITER Organization (IO).

For a complete description of the ITER Project, covering both organizational and technical aspects of the Project, visit www.iter.org.

3 Scope of Service

The scope of services requires that the future contractor provides suitable and experienced personnel to support and reinforce the ITER diagnostic systems.

As a general statement, the details of the services to be provided by the contractor will be defined in the task order technical specification document.

These technical specifications will include a technical scope, the organization of the task in IO and a description of the deliverables.

PBS55 (Port Plugs & Diagnostics, PPD) shall provide, during the construction phase, about 100 diagnostics sub-systems, all the diagnostic port plugs, the associated interspace and port-cell structures, and develop the interfaces for their integration. During the operation phase, the PBS55 shall provide the bulk of the measurements for machine protection, plasma and wall control and scientific exploitation.

PBS57 (In-Vessel Viewing System, IVVS) shall provide the IVVS and develop its interfaces during the construction phase for its integration. During the operation phase, this system shall deliver viewing and metrology of the plasma facing components inside the Vacuum Vessel.

PBS58 (Port Plug Test Facility, PPTF) shall the Port Plug Test Facilities provide during the construction phase and develop the interfaces for their integration into the buildings where they shall be installed.

These systems shall be used during the commissioning and operation phase to test whether port plugs for diagnostics, heating-systems and tritium breeding are fit for purpose before installing them in the Vacuum Vessel.

Requirement propagation for diagnostic systems shall ensure that applicable top-level requirements (e.g.: Project Requirements, including in particular the so-called defined requirements by the nuclear operator) are propagated in a traceable way.

IO uses links in DOORS to propagate the top requirements to lower level requirement documents(e.g. System Requirement), and then to Sub-System Requirements, and notably Procurement Arrangements etc. of the individual sub-systems, ensuring that the specific functional requirements of the lower level systems are included as appropriate: the requirements are well adapted, and compliances with the requirements are verifiable. For the latter function, Design Compliance Matrixes are used at ITER.

These documents have to be followed-up and, if necessary, updated during the lifecycle of diagnostics. At some point, based on these requirements, technical specifications for manufacturing shall be prepared, approved and followed-up, too.

The contractor is expected to provide the following expertise:

- Support in updating System Requirements Document (SRDs) and Sub-System Requirements Documents (SSRDs) of PBS55/57/58 to the latest set of applicable requirements,
- Support in creation and update of Design Compliance Matrixes/ Requirement Propagation Matrixes during the lifecycle of the system,
- Support in creation of the technical specification, based on the SRD requirements, handbooks, codes and standards, in preparation for manufacturing with industry or follow-up with DAs.

4 Procurement Process & Objective

The objective is to award a Supply Contract through a competitive bidding process.

The Procurement Procedure selected for this tender is called the **Open Tender** procedure.

The Open Tender procedure is comprised of the following four main steps:

- Step 1- Prior Information Notice (PIN)
The Prior Information Notice is the first stage of the Open Tender process. The IO formally invites the Domestic Agencies to publish information about the forth-coming tender in order to alert companies, institutions or other entities about the tender opportunity in advance. A Prior Information Notice is published on the IO web site. **Interested tenderers are kindly requested to return the expression of interest form (Annex I) by e-mail by the date indicated in the procurement time table below.**
- Step 2 - Invitation to Tender
Within 10 working days of the publication of the PIN, the Instructions to Tenderers (ITT) will be advertised. This stage allow interested bidders who have seen the PIN to obtain the tender documents and to prepare and submit their proposals in accordance with the tender instructions.
- Step 3 – Tender Evaluation Process
Tenderers proposals will be evaluated by an impartial, professionally competent technical evaluation committee of the IO. Tenderers must provide details demonstrating their technical compliance to perform the work in line with the technical scope and in accordance with the particular criteria listed in the ITT.
- Step 4 – Contract award
A Supply contract will be awarded on the basis of best value for money according to the evaluation criteria and methodology described in the ITT.

5 Procurement Timetable

The tentative timetable is as follows:

Milestone	Date
Publication of the Prior Information Notice (PIN)	Beginning of February 2022
Submission of expression of interest form	Mid of February 2022
ITT advertisement	End of February 2022
Tender Submission	Mid of April 2022
Tender Evaluation & Contract Award	Mid of May 2022
Contract Signature	End of May 2022

6 Quality Assurance Requirements

Prior to commencement of any work under this Contract, a “Quality Plan” shall be produced by the Contractor and submitted to the IO for approval, describing how they will implement the ITER Procurement Quality Requirements.

7 Contract Duration and Execution

The ITER Organization shall award the Service Framework Contract in the first half of 2022. The estimated contract duration is 4 years with the option of one possible extension of 2 years.

8 Experience

The tenderer shall demonstrate their knowledge, experience and capabilities in the implementation of providing expected supports in accordance with the IO technical requirements in English.

9 Candidature

Participation is open to all legal entities participating either individually or in a grouping/consortium. A legal entity is an individual, company, or organization that has legal rights and obligations and is established within an ITER Member State.

Legal entities cannot participate individually or as a consortium partner in more than one application or tender of the same contract. 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.

In order for a consortium to be acceptable, the individual legal entities included therein shall have nominated a leader with authority to bind each member of the consortium, and this leader shall be authorised to incur liabilities and receive instructions for and on behalf of each member of the consortium.

It is expected that the designated consortium leader will explain the composition of the consortium members in a covering letter at the tendering stage (the Invitation to Tender). Following this, the Candidate’s composition must not be modified without notifying the ITER Organization of any changes. Evidence of any such authorisation shall be submitted to the IO in due course in the form of a power of attorney signed by legally authorised signatories of all the consortium members.

10 Sub-contracting Rules

All sub-contractors who will be taken on by the Contractor shall be declared with the tender submission. Each sub-contractor will be required to complete and sign forms including technical and administrative information which shall be submitted to the IO by the tenderer as part of its tender.

The IO reserves the right to approve any sub-contractor which was not notified in the tender and request a copy of the sub-contracting agreement between the tenderer and its subcontractor(s). For each Contract, sub-contracting is allowed but it is limited to one level, and its cumulated volume is limited to 30% of the total Contract value. Two levels of sub-contracting may be considered for very specific activities which will be mentioned by the IO in the ITT.