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Route de Vinon-sur-Verdon - CS 90 046 - 13067 St Paul Lez Durance Cedex - France

# PRIOR INFORMATION NOTICE (PIN)

TENDER SUMMARY

IO/25/OT/70001297/JLE

*for*

## *Framework Contract for Diagnostic Electrical Services Implementation (55.NE.V0, V0-EFT, C0, D0)*

**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 "IO"), the technical scope for this tender, and details of the tender process.

# 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 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 order to alert companies, institutions or other eligible entities to the forth-coming tender, allowing interested parties time to decide whether to participate in the tender or not.

# 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 Work

The purpose of the Framework Contract is to provide the specialist engineering expertise and relevant services (includes testing and production of mock-ups and prototypes) for the "Diagnostic Electrical Services" in order to provide signal and power transmission lines to link vital diagnostic sensors and instrumentation in the ITER Vacuum Vessel with their associated electronics and power supplies in the surrounding buildings.

This contract focusses on the following parts of the overall Electrical Services:

- In-Vessel Electrical Services (55.NE.V0)
- In-Divertor Electrical Services (55.NE.D0)
- In-Vessel Electrical Feedthroughs (55.NE.V0-EFT)
- In-Cryostat Electrical Feedthroughs (55.NE.C0)

The ITER Organization needs specialist engineering expertise in order to successfully implement this key system, ensuring the final design, manufacturing, testing and installation activities are completed on time and to high levels of quality.

A Framework Contract will be awarded with Task Orders covering the different foreseen tasks of the project.

The details can be found in the **Technical Specifications ref. ITER_D_CC4JQY v1.2** (attached to this PIN).

## 4 Procurement Process & Objective

The objective is to award a 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 interested Suppliers to indicate their interest in the competitive process by returning to the Procurement officer in charge the attached "Expression of Interest and PIN Acknowledgement" by the date indicated under paragraph 5 below.

  **Special attention:**

  **Interested tenderers are kindly requested to register in the IO Ariba e-procurement tool called "IPROC". You can find all links to proceed along with instruction going to: https://www.iter.org/fr/proc/overview.**

  **When registering in Ariba (IPROC), suppliers are kindly requested to nominate at least one contact person. This contact person will be receiving the notification**

- Step 2 - Invitation to Tender
  The Request for Proposals (RFP) will be published on our digital tool "Iproc". This stage allows interested bidders who have indicated their interest to the Procurement Officer in charge AND who have registered in IPROC to receive the notification that the RFP is published. They will then prepare and submit their proposals in accordance with the tender instructions detailed in the RFP.

  **Only companies registered in this tool will be invited to the tender.**

- Step 3 – Tender Evaluation Process :
  Tenderers proposals will be evaluated by an impartial 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 RFP.

- Step 4 – Contract award.
  A contract will be awarded on the basis of best value for money according to the evaluation criteria and methodology described in the RFP.

## 5 Procurement Timetable

The tentative timetable is as follows:

| Milestone | Date |
|---|---|
| Publication of the Prior Information Notice (PIN) | 26 May 2025 |

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|---|---|
| Submission of expression of interest form | 9 June 2025 |
| Request for Proposals (RFP) publishing on IPROC | Week of 16 June 2025 |
| Clarification Questions (if any) and Answers | 31 July 2025 (question due)<br>5 Aug 2025 (answer due) |
| Tender Submission in IPROC | 15 August 2025 |
| Tender Evaluation & Contract Award | September or October 2025 |
| Framework Contract Signature | November 2025 |
| 1st Task Order Commencement | November or December 2025 |

# 6 Quality Assurance Requirements

For the entire duration of the Contract, the Contractors shall hold, and maintain, a valid and relevant ISO 9001 and/or 14001 certification or comparable equivalent. The missions and tasks executed under this Contract shall be carried out in compliance with the IO Quality Requirements.

# 7 Contract Duration and Execution

The ITER Organization is planning to award the Framework Contract in November of 2025. The estimated Framework Contract duration shall be about 6 years.

# 8 Experience

The tenderer shall demonstrate their knowledge, experience and capabilities in the implementation of provision of service to the IO in accordance with the IO technical requirements.

**Required experience and competencies**

- Experience in complex mechanical design for nuclear, fusion, particle accelerator Industry or similar discipline industry
- Experience in mechanical, thermal and EM load analyses
- Experience in specification, performance and technical follow-up of CAD activities, and integration in complex environments using 3D models
- Experience in vacuum design requirements and associated testing (e.g. helium leak testing)
- Experience in manufacturing specification and follow up for complex, high precision components
- Experience in specification and subsequent oversight of installation activities

The working language of ITER is English, and a fluent professional level is required (spoken and written).

# 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 its offer. 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.

**Any consortium member shall be registered in IPROC.**

# 10 Sub-contracting Rules

All sub-contractors who will be taken on by the Contractor shall be declared with the tender submission in IPROC. 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 (or disapprove) 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). Rules on sub-contracting are indicated in the RFP itself.