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VERSION CREATED ON / VERSION / STATUS
09 Apr 2018 / 1.0 / Approved

EXTERNAL REFERENCE / VERSION

Technical Specifications (In-Cash Procurement)

Applications Development Global Support

Summary TS



Summary

Call for Nomination

APPLICATIONS DEVELOPMENT GLOBAL SUPPORT

1 BACKGROUND AND OBJECTIVE

These technical specifications address the set-up of a framework contract via call for tender. The IO IT (ITER Organization Information Technology) intends to acquire services in the field of Applications Development.

The objective of this call for tender is:

- To select a provider recognized for its expertise in the supply of IT Applications Development solutions, both custom built solutions or customization of the off-the-shelf solutions; and
- To conclude a framework contract for the supply of services in area of IT Applications Development solutions.

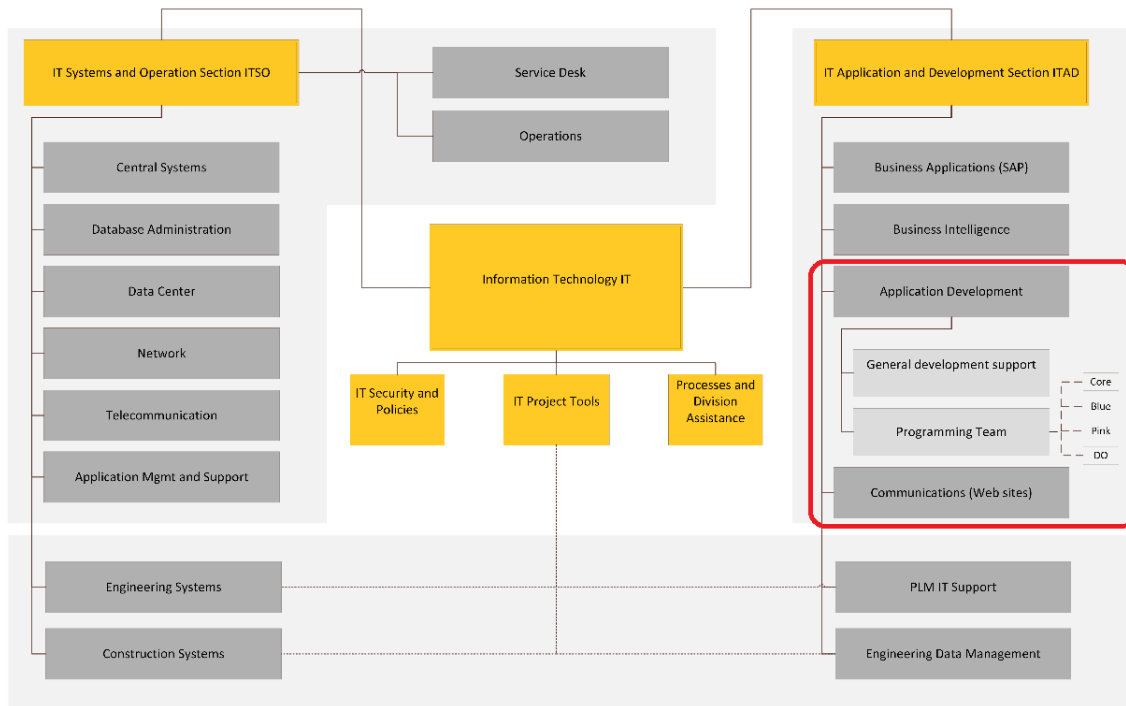
2 REQUIRED EXPERIENCE

The candidate companies shall have demonstrated capabilities in development, maintenance and support of IT application activities, preferably in an international environment and in a complex organization setup comparable to the ITER project.

IOs cost containment objectives also favor companies with a proven track record of delivering projects on time and within budget. The specific experience and qualities sought by IO include but are not limited to:

- Proven expertise in the technical fields listed in part 4;
- Adequate skills level for the resources proposed by the company demonstrated through higher diplomas or certificates in Engineering, Computer Science or equivalent;
- Proven track record of successful deliveries of the same type of services;
- Ability to respond rapidly to changing resource requirements, to accommodate peak demands, and to provide specific expertise; and
- Capability to mobilize and manage centralized, site-based resources.

3 INFORMATION SYSEM AND IT LANDSCAPE



4 SCOPE OF WORK

The scope of work is divided into two areas:

- Development, maintenance and evolution of in-house custom build applications;
- Customization, maintenance and evolution of solutions based on off-the-shelf products;

To successfully perform work the Contractor is expected to delivering:

Services:

- Collecting user requirements;
- Performing business analysis;
- Data modeling;
- Process modeling;
- Writing technical documentation;
- Writing software code;
- Agile software development;
- Project management;
- Data management and integration;
- Building and release process;
- Development integration: testing and configuration management;
- Deployment and operation support; and
- Providing second level user support for incidents and requests.

5 IT ENVIRONMENT

The candidate(s) may be required to master some of the following skills:

Expertise in development environments:

- ASP.NET
- Xamarin
- Angular and Bootstrap
- Visual Basic and C#
- Java
- Python
- T-SQL and PL/SQL
- JavaScript and Html

Knowledge of off-the-shelf products:

- SharePoint and Office;
- Jira, Service Desk, Confluence, Bitbucket and Bamboo;
- CATIA, ENOVIA, 3D Experience, Matrix PLM and Exalead;
- SmartPlant Suite;
- SAP Suite;
- Splunk, Slack and RabbitMQ;
- Ansys; and
- Cleopatra and Deltek Cobra.

6 QUALITY ASSURANCE REQUIREMENTS

For the entire duration of the framework contract, Contractors shall hold, and maintain, a valid and relevant ISO 9001 and 14001 certification or comparable.

The missions and tasks executed under this framework contract shall be carried out in compliance with the ITER IT policies, and the IO Quality Requirements.

7 ESTIMATED DURATION

The duration of the framework contract shall be 3 years. The IO may exercise the options to extend these services for 2 times 1 year. Such options shall be exercised by written notice to the contractor no later than 30 days before the expiration of the initial term of the contract or of the additional period.

This Framework Contract will be implemented by means of “Task Orders” (TO), signed by the Contractor and the IO. The TOs will be organized in work packages (WP) reflecting the ITER needs.

Work packages will be defined as combination of services.

8 TIMETABLE

The tentative timetable is as follows:

Call for Nomination	April 2018
Issue Pre-qualification package	May 2018
Deadline for receipt of pre-qualification	June 2018
Issue the call for Tender	July 2018
Deadline for receipt of Tenders	September 2018
Contract Signature	November 2018

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 prequalification.

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 prequalification procedure.

More information on ITER Organization Procurement process can be found at:

<https://www.iter.org/org/team/adm/proc/Pages/Welcome.aspx>