

One Expert for Business Intelligence 2014 & 2015

Technical Specifications

Contents

1	Abstract	2
2	Background and objectives	2
3	Scope of Work.....	2
4	Estimated duration.....	2
5	Specific requirements and conditions.....	2
6	Required skills	2
7	Skills	2
8	List of deliverables and Acceptance Criteria.....	3
9	Work Monitoring / Meeting Schedule	3
10	Payment schedule / Cost and delivery time breakdown.....	3
11	Selection Criteria	3
12	Timetable	3
13	Candidature.....	3
14	References / Terminology and Acronyms	4

	<i>Version 4.0</i>	<i>Date: 20-October-2013</i>
	<i>Name</i>	<i>Affiliation</i>
<i>Author</i>	Robert Jobber	IT Section

1 Abstract

These technical specifications address the set-up of the contract via Call for Expertise to acquire services of one Business Intelligence Expert needed for the reporting and the integration with the SAP and with other ITER databases and systems.

2 Background and objectives

ITER Organization is using SAP to manage HR, Finance and Material Management data to execute administrative support functions. SAP should integrate with other ITER databases and systems like ITER Data Warehouse, SmartPlant, Primavera, Cobra, Enovia, Catia, See Visio, SharePoint and ICP. The integration and other needs are covered using Microsoft SQL Server Data Tools (Integration Services, Data Quality Services, Reporting Services, Master Data Services...).

3 Scope of Work

We are seeking a service to develop and improve support of the business intelligence which consists of business reporting, data integration, data cleaning, data warehousing and master data management.

4 Estimated duration

The service will start on 01/02/2014. The time frame for this contract is one year with a possibility to extend for a second optional year. These activities require 220 working days per year.

5 Specific requirements and conditions

- The service must be rendered on-site. The contract shall be executed by a single person.
- The individual working on this contract shall be available full time and be based at IO site.

6 Required skills

- Sound knowledge of t-SQL language,
- Knowledge of any other programming language,
- Experience in using Microsoft SQL Data Tools: SSIS and SSRS,
- Writing technical and functional specifications,
- Good communication skills with strong orientation towards client needs,
- Ability to read user requirements, and
- Demonstrated ability to use English proficiently.

7 Skills

- Background in engineering and/or construction,
- Experience in using enterprise application systems like SAP, SAP, Primavera, Cobra, See Visio, Enovia, Catia and SharePoint,
- Database design and modelling,
- Experience in using any of the other Microsoft SQL Server Data Tools, and

- Knowledge of data warehousing and/or data mining.
- Administration of SQL Server.
- Optimization of SQL queries.

8 List of deliverables and Acceptance Criteria

Monthly activity report and time sheet.

9 Work Monitoring / Meeting Schedule

The progress will be monitored in weekly progress meetings by the ITER RO.

A monthly progress report (including time sheet) will be provided to IO each month.

10 Payment schedule / Cost and delivery time breakdown

The payment shall be granted on a monthly basis following invoicing for agreed daily rate and actual work performed. No payment shall be made before the report corresponding to the invoiced work is delivered to IO. In case of travel, the IO shall reimburse all travel costs including transportation, accommodation, and meals within the IO guidelines that apply for travel missions.

11 Selection Criteria

1. Experience and quality of implementation regarding Section 6 above,
2. Price (daily rate),
3. Availability,

Selection will be based on the CV(s) of the proposed candidates(s) delivering this service.

Selected candidates may be asked to give a presentation before a final decision is made..

12 Timetable

Tentative timetable:

Call for Expertise	October 2013
Contract Award	January 2014
Contract Start	February 2014

13 Candidature

Participation is open to all individuals, companies or consortia which are legally registered in one or more of the ITER Member States. A consortium may be either a permanent, legally-established grouping or a grouping which has been constituted informally for a specific tender procedure. All member 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 tender submission stage. The consortium cannot be modified later without the approval of the ITER Organization.

14 References / Terminology and Acronyms

IO ITER Organization

ICP ITER Collaborative Platform, a web application framework developed at IO based on ASP.NET and MS SQL.

BIDS Business Intelligence Team and ITER Organization

SSDT SQL Server Data Tools