Expert for Data Management System Implementation CHD-054

Reports to Line Manager:	CODAC & IT Division Head, CODAC & IT, Heating & CD, Diagnostics Department	Job Code:	CHD-054
Direct Employment:	Not Required	Grade:	P4

Purpose

To join a group of IT specialists and provide support to the ITER team, especially in the area of data management system implementation in support of ITER's engineering, project management and administrative activities. A number of industrial and in-house tools are currently being deployed at ITER for this purpose.

Major Duties/Responsibilities

china

eu

india

japan

korea

russia

usa

- Implements various industrial or in-house data management systems in support of ITER's engineering, project management and administrative activities;
- Develops the integration and communication between the various data management systems used in ITER (SAP, Enovia, Primavera, Doors, SharePoint, ASP.NET systems);
- Implements efficient remote access and database replication methods to enable global collaboration;
- Works in close collaboration with the end users, the actors developing functional specifications, and the IT system administration group;
- Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.

Qualifications and Experience

- **Education:**
  – Degree at least equivalent to 6 years of study after the High School Diploma (e.g. Master's or PhD), in a Scientific, IT or other relevant field.
- **Technical experience:**
  – At least 10 years' experience in implementation of data management systems;
  – Solid knowledge of web based database driven applications;
  – Knowledge of Teamcenter, Matrix One or Windchill would be an advantage.
- **Project experience:**
  – Basic Project Management experience is required;
  – Experience managing external contracts in an international scientific or engineering context would be an advantage.
- **People Management experience:**
  – Experience coordinating team activities and promoting team work.

- ***Social skills:***
  - Ability to work effectively in a multi-cultural environment;
- ***Language requirements:***
  - Fluent in English (written and spoken).
- ***Computer and IT skills:***
  - Knowledge of object-oriented languages (VB.NET, Java, Python, C++) and development frameworks;
  - Knowledge of IT system administration (server, network) would be an advantage.

Direct Supervisor and Interfaces

- Reports to the CODAC & IT Division Head;
- Acts as an interface between IT and user groups.

Authority / Approval Levels

This position has authority and approval levels generally defined by the CODAC & IT Division Head for the scope of work.

Measures of Effectiveness

- Successfully deploys and maintains the data management system within the ITER Organization and the Domestic Agencies;
- Effectively collaborates with the end users, the actors developing functional specifications, and the IT system administration group.