IO1235 Data Management Engineer FBM-115

General information

Job category	Standard
Status	Published
Department	ADM/Department for Administration
Division	FBM / Finance, Budget & Management Systems Division
Section	FBM / Project Information System Section

Job description

Main job	Computer Science - Database management
Title of the position	Data Management Engineer FBM-115
Job family	Organizational Support Officer - 1
Grade	P2
Direct employment	Not required
Purpose	To plan, set up and maintain data management systems to support ITER construction activities covering design, manufacturing, assembly and commissioning.
Main duties / Responsibilities	Is responsible officer for the implementation and maintenance of engineering data management systems ranging from industrial systems like Enovia and Intergraph to complementary in-house web application systems; Actively promotes the integration of those systems with the software application environment at the ITER Organization, which includes for example MS reporting services, SAP for contractual and financial data and Primavera for scheduling; Coordinates the IT technical activities on several service contracts for the data management systems development and maintenance, in liaison with the different directorates and users concerned. This may include the definition of IT technical specifications, the launch of new systems and the coordination of IT teams (on-site and off-shore); Gathers, defines and negotiates technical requirements based on systems' analysis and users' requests, for an efficient implementation with least costs and schedule optimization; Contributes to the cyber security implementation at ITER, and to the administration of IT systems in particular by providing advice on technical aspects, analyzing complex situations, and identifying and implementing improvements in view of efficiency; Maintains the web based user account management; Advises on new technologies (tablets, other operating systems, cloud,..) which could improve general user friendliness and make IT applications/systems/network more efficient; Performs other duties in support of the project schedule as described in the Detailed Work Schedule and the Strategic Management Plan; Performs other duties linked to the above purpose upon management request, as necessary; Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics. Reports to the Leader of the Project Information System Section; In response to requests from the Director-General and/or General Administration Director, or proactively, informs the DG/ General Administration Director of any important and urgent issues that cannot be handled by the concerned line management and may jeopardize the achievement of the Project's objectives;
Measures of effectiveness	Sets up of Intergraph system for assembly and commissioning of the ITER plant; Maintains permanent availability of IT systems used by the Design Office (Enovia) with uptime of 24/7; Maintains the Engineering database as main portal for engineering data at ITER; Guarantees a full integration of Systems such that redundant data silos are avoided. Project construction phase SAP ID: 50000290

Applicant criteria

Level of study	At least Bachelor's degree or equivalent
Diploma	Information technology field.
Level of experience	At least 5 years
Technical experience	Professional proven experience in IT system administration and data management projects; Experience in ASP.NET development, especially interconnecting different Microsoft systems; Experience in implementing IT security systems would be an advantage.
Project experience	2 to 4 years
Social skills	Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit
General skills	- Knowledge of share Point, especially in extracting / importing data lists; - Knowledge of Microsoft based IT system administration environment; - Experience in the management of software implementation projects; - Experience in coordinating the activities of IT experts and teams; - SAP knowledge would be an added value (especially the Project Lifecycle Management module).
Languages	English (Working)
Free criteria	Knowledge of Microsoft and Linux systems.