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JOB DETAIL

Ref. IO1562 - 7/28/2015

PLM Implementation Engineer CIO-004

Main job	Generalist
Department	CIO/ Central Integration Office
Division	CIO / Configuration Management Section/Division
Job Family	Engineer - 2
Application Deadline (MM/DD/YYYY)	08/30/2015
Grade	P3
Direct employment	Not required
Purpose	To develop and implement the Product Lifecycle Management (PLM) System in ITER.

- Participates to the implementation and development of a "design & engineering PLM" in ITER in particular assists the PLM manager and Configuration Management Section / Division Head in strategic decision for the long term development support the PLM manager and in the execution and control of tasks such as:
 - drafting in collaboration with the PLM manager the architecture, data model and workflows,
 - integration and data exchange needs between various systems,
 - establishing overviews of tools, databases and data flows in collaboration with system engineering specialists,
 - collection of needs and best practices from the users,
 - development/customizing of the platform,
 - monitoring daily the customization and development activities and report to the PLM manager,
 - writing specifications of interfaces, workflows and tools,
 - acting as key user during the developments and test phases of the different modules of the platform,
 - if required performing customizing and programming scripts and modules.

Main duties / Responsibilities

- May be requested to act as referent for any matters concerning the customizing and development of the PLM;
- Liaises closely with all other units (and in particular Project Information System Section/Division) and Domestic Agencies to ensure the correct deployment and operation of the PLM system;
- Provides technical/Information Technology assessment about architecture, data models, modules and interface implementation;
- Participates to interfaces developments (with systems to be connected with or integrated into the platform);
- Contributes to the preparation of Training Materials and Training Sessions on Engineering Procedures for ITER;
- Interacts with a team of remote and on-site developers and user groups;
- Performs other duties in support of the project schedule as described in the Detailed Work Schedule and the Strategic Management Plan.
- May be requested to belong to any project team dealing with above activities and perform other duties upon management request.
- Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.
- Under the supervision of configuration responsible officers, reports to the Configuration Management Section/Division Head.
- Maintains frequent communication with the other staff in

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the ITER Project in the agencies involved in the ITER for all matters within his/her scope of responsibilities.

- Interacts with the ITER team members to ensure the proper configuration control methods are applied to design activities.
- In response to requests from the Director-General and/or Central Integration Office Head (CIO), or proactively, informs the DG/ CIO Head 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	<ul style="list-style-type: none">• Adherence to the Project schedule.• Performance of the implementation of the PLM.• Reliability and performance of the PLM system.• PLM users' acceptance & satisfaction.• Demonstrates an effective communication and interactions with the ITER staff members to ensure the proper use of the PLM during design activities.
Project Construction Phase	
Level of study	At least Master's Degree or equivalent
Diploma	Engineering / Computer science spec IT
Level of experience	At least 8 years
Technical experience/knowledge	<ul style="list-style-type: none">– At least 8 years' experience in engineering department using or implementing PLM or as IT support to a PLM;– At least 5 years' practical experience in implementation or development of a PLM;– First practical experience in Java development;– Understanding of design tools;– Deep understanding of PLM systems (preferably Enovia V6);– Capability to understand complex system analysis methods, engineering contexts and capability to build a bridge between engineers and IT;– Some experience in knowledge management is desirable;– Knowledge of IT relevant disciplines to data management and web-interfaces: methods to database development, object oriented languages (VB.NET, Java, Python, C++), Query Language (SQL), Solid knowledge of HyperText Markup Language (HTML), Extensible Markup Language (XML) technologies;– Demonstrated experience in implementation of engineering data production and control.
Social skills	Ability to work effectively in a multi-cultural environment Ability to work in a team and to promote team spirit Ability to organize and monitor activities
Languages	English (Fluent)

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