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JOB DETAIL

Ref. IO1561 - 7/28/2015

PLM & Configuration Management Engineer CIO-003

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.
	<ul style="list-style-type: none">• Implements and develops a "design & engineering PLM" in ITER, in particular assists the Configuration Management Section / Division Head in strategic decision for the long term development on tasks such as:<ul style="list-style-type: none">– integration and data exchange needs between various systems,– drafting or reworking of the system engineering and configuration management processes,– establishing overviews of tools, databases and data flows,– collection of needs and best practices from the users and participate to the development/customizing of the platform,– writing specifications of interfaces, workflows and tools.• Acts as key user during the developments and test phases of the different modules of the platform;• Participates to the configuration management activities in relation with the deployment of the PLM to:<ul style="list-style-type: none">– review of document production plans,– identify configuration item, related documents,– review content of the configuration document and support configuration manager and configuration controller in their tasks, in particular establishing baselines and clean data and document repository.• Provides technical/engineering assessment about the documents before baselining;• 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;• Interfaces with all involved departments and divisions in addition to the ITER Quality Assurance division;• Maintains frequent communication with the other ITER departments and interacts directly with appropriate levels in the Field Team and ITER domestic agencies for all matters within his/her scope of responsibilities;
Main duties / Responsibilities	

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	<ul style="list-style-type: none">• 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 agreed project schedule;• Performance of the implementation of the PLM;• 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/Information technology or other
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;– At least 5 years' practical experience in implementation or development of a PLM & plant or mechanical design;– Deep understanding of complex system design processes, procedures and tools;– Deep understanding of PLM systems (preferably Enovia V6);– Capability to understand engineering contexts and needs and to communicate with users;– 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 planning, organization 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 Good planning and organisational skills
General skills	Ability to communicate effectively with technical staff as well as to managers.
Languages	English (Fluent)

For more information about ITER, visit our web site : <http://www.iter.org>