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JOB DETAIL

Ref. IO1111 - 11/10/2010

Head of Plant Engineering Division - CEP-058

Main job	Facilities engineering
Department	DIP/Directorate for Central Engineering & Plant
Division	CEP / Plant Engineering Division
Job Family	Line management
Application Deadline	12/12/2010
Grade	D1
Direct employment	Required
Purpose	<p>To be responsible for the integration of all design aspects, construction planning and installation of Plant Support Systems as follows: Cooling Water System (Work Breakdown Structure 2.6), Cryoplant and Cryodistribution System (WBS 3.4), Hot Cell and Radwaste Processing System (WBS 2.3).</p> <p>To provide leadership for Plant Engineering Division members and work collaboratively with ITER management, users of plant support systems, and with multiple Participant Teams to complete the engineering design, installation, testing and commissioning of Plant Support Systems.</p>
Main duties / Responsibilities	<ul style="list-style-type: none"> •Coordinates and collaborates with the Plant Engineering Division Section Leaders and section members to complete the Plant Support Systems on time and within budget; •Ensures that functional requirements for each Plant Support System are specified and documented and that functional requirements meet user needs; •Anticipates, averts and/or resolves issues that arise regarding the quality and design each of the Plant Support Systems by collaborating with the Integrated Product Team's (IPTs); •Coordinates the collection and reporting of project management information including progress on design and fabrication activities performed by the IPTs; •Ensures consistency regarding integration of the design with the rest of the ITER system and components and that lessons learned from one WBS element are transferred to other WBS elements; •Coordinates completion of Procurement Arrangements for Plant Support Systems, including design description documents and technical specifications; •Supports the licensing activities in close contact with the Safety Control Section; •Supports conflict resolution regarding the schedule and cost of the Plant Support Systems construction; •Provides effective leadership for the Division ensuring team members are motivated and constantly developing their skills and experience; •Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.
Measures of effectiveness	<ul style="list-style-type: none"> •Successfully communicates with the Plant Engineering Section Leaders to foster a collaborative and productive working environment; •Maintains cost and schedule; •Successfully implement the baseline which was approved in 2010 •Successfully communicates and collaborates with other IPTs/ organizations within the ITER organization; •Successfully completes the tasks assigned under "Main Duties / Responsibilities" above
Level of study	Master or equivalent degree
Diploma	Mechanical, Chemical or Nuclear Engineering
Level of experience	At least 10 years
Technical experience	<p>–At least 15 years' experience in engineering management, mechanical design, or systems engineering;</p> <p>–In-depth technical understanding of complex design and</p>

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construction (e.g., nuclear plant systems and components);
-Knowledge of water chemistry, construction, waste processing, hot cell operations, and cryogenic systems will be considered an advantage.
•Project experience:
-Knowledge of the design of tokamak fusion machine systems will be considered an advantage;
-Basic Project Management experience is required.

Project experience	10 years
People management experience	10 years
Social skills	Ability to work effectively in a multi-cultural environment Ability to work in a team and to promote team spirit Ability to communicate effectively Collaborative Positive outlook
Specific skills	-Ability to develop and maintain effective international contacts in the plant system engineering discipline -At least 10 years' managerial experience on a wide range of project-related experience or plant design and construction.
Languages	English (Working)

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