

IO1375 Head of Plant Engineering Division CEP-058

General information

Job category	Standard
Status	Published
Department	DIP/Directorate for Plant System Engineering
Division	PSE/Plant Engineering Division

Job description

Main job	Engineering - Nuclear Power
Title of the position	Head of Plant Engineering Division CEP-058
Job family	Head of Division
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. To be open in dialogue and supporting job integration with the Domestic Agencies.</p>
Main duties / Responsibilities	<p>Coordinates and collaborates with the Plant Engineering Division Section Leaders and section members to complete the Plant Support Systems on time and within budget;</p> <p>Assures Contracts management within the budget and consistently with the agreed contractual time schedule;</p> <p>Ensures that functional requirements for each Plant Support System are specified and documented and that functional requirements meet user needs;</p> <p>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);</p> <p>Coordinates the collection and reporting of project management information including progress on design and fabrication activities performed by the IPTs;</p> <p>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;</p> <p>Coordinates completion of Procurement Arrangements for Plant Support Systems, including design description documents and technical specifications;</p> <p>Supports the licensing activities in close contact with the Safety Control Section;</p> <p>Supports conflict resolution regarding the schedule and cost of the Plant Support Systems construction;</p> <p>Provides effective leadership for the Division ensuring team members are motivated and constantly developing their skills and experience;</p> <p>Executes and delivers the Detailed Work Schedule in support of the Strategic Management Plan for scope budget and schedule of the systems in the Division and contributes to the staffing of the Division;</p> <p>Assures that IO's goals are achieved in a timely and effective manner, which meets safety, quality, cost and schedule targets;</p> <p>Maximizes human capital and people's commitment to achieving the IO goals;</p> <p>Provides leadership in safety;</p> <p>Builds and maintains relationship with internal and external stakeholders;</p> <p>Performs other duties linked to the above purpose upon management request, as necessary;</p> <p>Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</p> <p>Reports to the Director of the Directorate for Plant System Engineering;</p> <p>Acts as an interface for all other ITER Project Divisions/Sections as required;</p> <p>Maintains communications with other organizations within the ITER collaboration and the fusion</p>

Measures of effectiveness	community; In response to requests from the Director-General (DG), or proactively, informs the DG 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.
	Communicates with the Plant Engineering Section Leaders to foster a collaborative and productive working environment; Maintains cost and schedule; Implement the baseline which was approved in 2010 ; Communicates and collaborates with other IPTs/ organizations within the ITER organization; Responsible for Division deliverables that meet safety standards, quality schedule and cost requirements; Responsible for implementation of safety nuclear regulation and other safety standards of the Division's work; Responsible for adherence to technical standards.
ID SAP: 50000204 Project Construction Phase	

Applicant criteria

Level of study	At least Master's Degree or equivalent
Diploma	Nuclear Engineering
Level of experience	At least 15 years
Technical experience	At least 15 years' experience in the relevant engineering management, mechanical design, or systems engineering; international experience would be an advantage; In-depth technical understanding of complex design and 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; Knowledge of the design of tokamak fusion machine systems will be considered an advantage. Good Project Management experience is required.
People management experience	Qualified technical knowledge in design / procurement and installation / commissioning of cold sinks and cryogenic system; Qualified knowledge in managing licensing design basis of systems and components as well as safety issues consistent with the ITER Safety Report.
Social skills	At least 10 years
General 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 At least 10 years' experience in supervising a team; Ability to provide effective leadership; Ability to motivate and develop the team members' skills and experience; Managerial experience on a wide range of project-related experience or plant design and construction.
Languages	Ability to develop and maintain effective international contacts in the plant system engineering discipline; Collaborative and positive personality; Ability to negotiate with influence and convince internal and external stakeholders.
Specific skills	English (Working)
Others	MS Office standard (Word, Excel, PowerPoint, Outlook) IT skills consistent with requirements for managing a complex project.