

IO1584 Fuel Cycle Engineering Division Head - PED-011

General information

Job category	Standard
Status	Published
Department	PED / Plant Engineering Department
Division	PED / Fuel Cycle Engineering Division

Job description

Main job	Engineering - Vacuum technologies
Title of the position	Fuel Cycle Engineering Division Head - PED-011
Job family	Head of Division
Grade	D1
Direct employment	Required
Purpose	<p>To be responsible for all design, integration and administration aspects of the Fuel Cycle comprising the Fuelling and Wall Conditioning systems, the Tritium Plant and the Vacuum Pumping systems. The responsibility includes management of the interfaces to and between these systems and the ITER safety requirements.</p>
Main duties / Responsibilities	<p>Manages the Fuel Cycle Engineering Division and controls budget and schedule of Fuelling and Wall Conditioning, Tritium Plant and Vacuum Pumping;</p> <p>Supervises the Section Leaders for Fuelling and Wall Conditioning, Tritium Plant and Vacuum Pumping;</p> <p>Liaises with the Domestic Agencies (DAs) and making an effective monitoring of procurement packages within the relevant systems;</p> <p>Makes plans for Memoranda of Understanding for procurement packages;</p> <p>Reviews and approves the outline design of the relevant systems in line with procedures;</p> <p>Reviews and approves relevant systems documents, particularly requirements, guidelines, design descriptions and procurement packages in accordance with procedures;</p> <p>Manages the interfaces to and between the relevant systems;</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>May be requested to belong to any project team dealing with above activities and perform other duties upon management request;</p> <p>Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</p> <p>Reports to the Plant Engineering Department Head;</p> <p>Acts as an interface between the Section Leaders for the Fuelling and Wall Conditioning systems, Tritium Plant, and Vacuum Pumping systems and also interfaces with the ITER Project Office and with groups involved in relevant systems and the DAs;</p> <p>Interfaces with ITER CIE and coordinates overall integration of the relevant systems;</p> <p>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.</p> <p>Implements guidelines and directions received from the ITER top management;</p> <p>Progresses Fuel Cycle systems according to Detailed Work Schedule and Strategic Management Plan;</p> <p>Achieves Fuel Cycle systems procurement, installation and testing in line with the ITER Research Plan;</p> <p>Responsible for the Division deliverables that meet safety standards, quality schedule and cost</p>

Measures of effectiveness	<p>requirements;</p> <p>Responsible for implementation of safety nuclear regulation and other safety standards of the division's work;</p> <p>Responsible for adherence to technical standards.</p> <p>ID-SAP 50000221</p> <p>Project Construction Phase</p>
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Applicant criteria

Level of study	At least Master's Degree or equivalent
Diploma	Chemistry, engineering or physics fields
Level of experience	At least 15 years
Technical experience/knowledge	<p>At least 15 years' experience in challenging engineering projects implementing innovative solutions, functional and safety performances satisfaction.</p> <p>Good knowledge in all technologies relevant for or applied in Fuelling and Wall Conditioning systems Tritium Plant and Vacuum Pumping systems, proven by publications and preferably acknowledged through invitations to international conferences.</p> <p>Experience of project management in a complex environment is required.</p> <p>At least 10 years' experience in supervising a team;</p> <p>Ability to provide effective leadership;</p> <p>Ability to motivate and develop the team members' skills and experience.</p>
People management experience	At least 10 years
Social skills	Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit, Good negotiation skills
Languages	English (Fluent)
Others	Good command of MS Office, including VISIO, experience in using data bases would be an advantage