

IO1168 Vessel Division Head TKM-017

General information

Job category	Standard
Status	Published
Department	DIP/Directorate for Tokamak
Division	TKM / Vessel Division

Job description

Main job	Engineering - Mechanics
Title of the position	Vessel Division Head TKM-017
Job family	Line management
Grade	D1
Direct employment	Required
Purpose	<p>To manage the ITER Vessel Division: design and procurement of associated systems, including work organization and interfaces with ITER participants responsible for procurement and their industries.</p> <p>To be responsible for overseeing and managing all technical aspects of the division, developing detailed implementation plans for all work, and monitoring and controlling costs and schedules for all group activities.</p>
Main duties / Responsibilities	<p>Provides an effective leadership for the division, ensuring that team members are motivated and constantly developing their skills and experience;</p> <p>Manages the design, specification, procurement, assembly, and installation of associated systems (Vacuum Vessel, Ports, Thermal Shield, Cryostat, and Vacuum Vessel Pressure Suppression System-VVPSS);</p> <p>Oversees and manages all technical aspects of these systems, developing details implementation plans for all work, and monitoring and controlling costs and schedules for all group activities;</p> <p>Ensures that the engineering design of the Vacuum Vessel, Ports, Thermal Shield, Cryostat, VVPSS and corresponding operational instrumentations meet the requirements of the ITER Machine and in particular those associated to the nuclear requirements of these systems;</p> <p>Supervises engineers responsible for the design and timely procurement of all associated system;</p> <p>Leads the supporting analysis;</p> <p>Defines and coordinates the interfaces with other systems;</p> <p>Performs other duties in support of the project schedule as described in the Detailed Work Breakdown Structure Schedule or Strategic Management Plan;</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>
Measures of effectiveness	<p>Reports to the Director of Tokamak Directorate;</p> <p>Interfaces with relevant ANB (Agreed Notified Body) for Vacuum Vessel, Ports and VVPS.</p> <p>Effectively interface with ITER domestic agencies responsible for procurement;</p> <p>In response to requests from the Director-General and/or Director of Department for ITER Project, or proactively, informs the DG/ Director of Department for ITER Project 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>Successfully builds up the division and manage Section Leaders to foster a collaborative and productive working environment;</p> <p>Successfully maintains effective communications within the division and with all interfacing organizations;</p> <p>Completes design and procurement of Vacuum Vessel, Ports, Thermal Shield, Cryostat, and VVPSS systems in a timely manner and within defined costs.</p>

Applicant criteria

Level of study	Master or equivalent degree
Diploma	engineering field or other relevant discipline
Level of experience	At least 20 years
Technical experience	<p>Experience in the design and manufacture of large Ultra High Vacuum components and familiar with nuclear codes;</p> <p>Successful experience in fabrication (forming and welding) of large vessel structures;</p> <p>An experience working on one of the world's large fusion devices is considered as an advantage.</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
General skills	<p>Basic Project Management experience is required.</p> <p>Ability to both work in a team and lead a group of professionals</p>
Languages	English (Working)
Free criteria	Experience working with nuclear and conventional vessel codes and standards.