

IO1649 Tokamak Assembly Section/Division Head - CST-029

General information

Job category	Standard
Status	Published
Department	CST / Construction Department

Job description

Main job	Engineering - Mechanics
Title of the position	Tokamak Assembly Section/Division Head - CST-029
Job family	Section-Division Head
Grade	P5
Direct employment	Required
Purpose	<p>To ensure a technically robust, code compliant, cost effective and rational approach to all the assembly works inside the bio-shield as the Tokamak Assembly Section/Division Head;</p> <p>To ensure that constructability is taken into account in the design of systems and their subsequent manufacture and thereafter play a key role in the implementation of the on-site assembly of the machine.</p> <p>Prepares and implements the assembly of the Tokamak, including the management of the associated site facilities, in the framework of the strategy of the ITER Organization (IO) for the preparation, management and execution of the construction of the Tokamak, plant and auxiliary systems;</p> <p>Is responsible, in close coordination with the Construction Management as Agent, for the execution of the Tokamak Assembly works, including the oversight of the works to be carried out by the contractors, for review of the contractors' documents, etc.;</p> <p>Ensures that constructability is managed in preparation for and during the execution of Tokamak Assembly works;</p> <p>Reviews designs and defines construction processes optimized in terms of technical integration, cost saving and schedule adherence;</p> <p>Designs and prepares processes to assemble and install each component, with inputs from the Plant Breakdown Structure (PBS) Technical Responsible Officer;</p> <p>Participates in the development of technical specifications for construction contract(s) and performs technical tender evaluations;</p> <p>Ensures that the construction works by contractors are in accordance with the specification requirements and project schedule requirements;</p> <p>Pro-actively identifies issues or obstacles before components are actually constructed, in order to reduce or prevent errors, schedule delays, and cost increase;</p> <p>Is the focal point for oversight and coordination of the constructability process and daily field engineering management activities, working closely with responsible officers and engineers for each PBS;</p> <p>Is the center of excellence regarding assembly methods and processes, in support of PBS responsible officer and engineers;</p> <p>Designs and procures the necessary tools, through the Procurement Arrangement signed with Korean Domestic Agency (KODA) and using direct procurement from ITER Organization fund budget;</p> <p>Ensures that the general layout and configuration are managed as per Configuration Management;</p>
Main duties / Responsibilities	<p>Provides effective leadership for the Section/Division, ensuring team members are motivated and constantly developing their skills and experience;</p> <p>Develops and maintains overall strategies and plans for Tokamak Assembly activity;</p> <p>Develops and maintains the construction baseline for Tokamak Assembly activity;</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 Section/Division and contributes to the staffing of the Section;</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>

Measures of effectiveness	<p>Provides leadership in safety; Builds and maintains relationship with internal and external stakeholders; May be requested to be part of any of the project team & perform other duties upon management request; Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values & ethics.</p> <p>Reports to the Head of Construction Department; Acts as an interface between the other ITER Organization (IO) Divisions/Departments/Offices, Domestic Agencies and Contractors; In response to requests from the Director-General, 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>Manages the preparation and execution of the assembly work on-time and within the budget; Manages the procurement of the machine assembly tooling ensuring the required quality and deliveries on site; Manages resourcing including budgeting and cost control; Is responsible for adherence to technical specifications and applicable codes and standards. Is responsible for Section/Division's deliverables that meet safety standards, quality, schedule and cost requirements.</p> <p>Project Construction Phase</p>

Applicant criteria

Level of study	Master or equivalent degree
Diploma	Mechanical Engineering or other related discipline
Level of experience	At least 10 years
Technical experience/knowledge	<p>Good knowledge of project management methodologies; Knowledge of ITER relevant systems is considered as an advantage; At least 10 years' experience in the design, manufacture and assembly of large, complex projects; Experience in the fusion field is considered as an advantage; International experience is required; Excellent safety record on previous projects.</p>
People management experience	<p>5 years' experience in a managerial position; Ability to manage all areas of people management from strategic resource planning and organization to staffing, leading, monitoring and motivating staff members;</p> <p>At least 5 years</p>
Social skills	Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit
General skills	Ability to solve problems and to communicate on high level issues
Languages	English (Fluent)
Others	Experience using modern project management tools.