



the way to new energy

china eu india japan korea russia usa


JOB DETAIL

Ref. IO1712 - 5/25/2016

Tokamak & Pit Area Manager CIO-062

Main job	Generalist
Department	CIO/ Central Integration Office
Division	CIO / Configuration Management Section/Division
Job Family	Coordinating Engineer
Application Deadline (MM/DD/YYYY)	06/26/2016
Grade	P4
Direct employment	Not required
Purpose	<p>-To bring present layout for components & systems inside the tokamak pit to a final & frozen layout ready for construction of The Tokamak machine in the Tokamak Complex Building;</p> <p>-To manage the space management of mechanical / electrical / I&C (Instrumentations and Controls) systems in the area of his/her responsibility providing an integrated configuration;</p> <p>-To manage the design studies ensuring that all transverse Functional & Area related requirements (e.g. Radiological protection, Assembly, Installation, In-Service-Inspection (ISI), Maintenance,) are properly satisfied;</p> <p>-To coordinate the related design activities, to support Construction Department & define priorities for the execution of the work in the area of his/her scope of responsibility.</p> <p>-Assures satisfaction of space management requirements taking care of functional interfaces as well as of Area Project Requirements as per the Safety Authority Licensing Design Basis;</p> <p>-Assures control of general layout drawings and 3D Configuration Models through qualified Quality Assurance procedures certifying control / responsibility of each modification;</p> <p>-Supervises the production of general layout drawings & 3D Configuration Models to manage the configuration of structures, systems & components (SSC) inside the tokamak pit throughout the design, procurement, construction, installation & commissioning phases.</p> <p>-Provides the 1st source of information to lead to a solution when space management</p>
Main duties / Responsibilities	<p>requirements are not satisfied, with involving the Responsible Officers & Qualified selected Specialists of the affected systems & structures & according to ITER Design Control procedures;</p> <p>-Assures the completeness & the stability of the baseline design & as built configurations of the whole Tokamak machine along the defined successive phases of the Project.</p> <p>-Controls that all operational, installation & safety requirements are implemented & coordinates the actions to resolve interface issues between systems & ensures that the interface documents are up to date during the design & the construction phases;</p> <p>-Coordinates the assessment & disposition of project changes requests (PCR), deviation requests (DR), non-conformance requests (NCR) ensuring the prompt implementation of the required changes in the layout in line with manufacturing & construction schedule ;</p> <p>-During the equipment installation phase, acts as full integration support to the centralized construction Department (CST) for the involved Tokamak pit area;</p> <p>-Plans and manages Design Integration Reviews (DIR) to monitor & accelerate the resolution of interface, construction and assembly issues, tracks and ensures the timely closure of the actions raised during the DIR in terms of Licensing Design Basis Requirements, Functional Requirements, Functional Performances, Space Management requirements covering area events, ISI, Maintenance;</p> <p>-Participates actively to the preparation & execution of</p>

My space

 See jobs

My job alert

	<p>design & manufacturing readiness reviews & in the checking of models & drawings from Domestic Agencies &/or suppliers;</p> <p>-Supports the development & management of integrated design/construction sequence & associated procurements / installation / turn over / commissioning time schedule moving into Areas / Systems integration;</p> <p>-Performs other duties in support of the project schedule as described in the Detailed Work Schedule or Strategic Management Plan.</p>
Measures of effectiveness	<p>-May be requested to be part of any of the project team & perform other duties upon management request;</p> <p>-Maintains a strong commitment to the implementation & perpetuation of the ITER Safety Program, values & ethics.</p> <p>-Reports to the Design Integration Division Head;</p> <p>-Interacts with Technical Responsible Officers and Qualified Specialists to optimize the layout and ensure the respect of rules and procedures;</p> <p>-Acts as main contact point between engineering and construction departments liaising with IO Central Team, Project Teams and Domestic Agencies responsible officers in charge of the design and procurement of Tokamak SSC in the pit area.</p> <p>-In response to requests from the Director-General and/or Director of Central Integration Office(CIO), or proactively, informs the DG/Deputy Director General , CIO Department Head of any important and urgent issues that could not be handled by the concerned line management and may jeopardize the achievement of the Project's objectives.</p> <p>-Adhere to the design and construction schedule in the area of competence;</p> <p>-Timely and accurate implementation of the changes affecting the layout of system in the area of competence;</p> <p>-Timely and accurate reporting on the status of the configuration;</p> <p>-Develop and maintain continuous and efficient interfaces with the construction team management and in field engineering staff in the frame of Design Integration Division.</p> <p>Project Construction Phase SAP Id: 500000102</p>
Level of study	Master or equivalent degree
Diploma	nuclear/mechanical/electrical or civil engineering
Level of experience	At least 10 years
Technical experience/knowledge	<p>-Master degree in nuclear/mechanical/electrical or civil engineering with acquired knowledge in nuclear engineering and having developed basic knowledge in mechanical / electrical and civil disciplines;</p> <p>-Good knowledge of codes and standards applicable to the design of mechanical / electrical /civil and I&C systems and structures.</p> <p>-At least 10 years' experience in design, procurement and installation of complex systems, structure or components;</p> <p>-At least 5 years' experience in large Nuclear installations design / service and erection management;</p> <p>-Proven experience in the management of design and integration team, and associated construction time schedules, monitoring the status of the project and generating effective reports on the work;</p> <p>-Capacity in addressing "Costs / benefits analysis" evaluating risks management and nuclear liabilities.</p>
Social skills	Ability to work effectively in a multi-cultural environment Ability to work in a team and to promote team spirit
Specific skills	MS Office standard (Word, Excel, PowerPoint, Outlook)
Others	<p>- Experience with Microsoft Office suite of programs and of design software;</p> <p>- Knowledge of CAD design tools.</p>
Languages	English (Fluent)