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JOB DETAIL

Ref. IO1800 - 12/19/2016

Building Area Manager - CIO-084-085-087


Main job	Generalist
Department	CIO/ Central Integration Office
Division	CIO / Design & Construction Integration Division
Job Family	Coordinating Engineer
Application Deadline (MM/DD/YYYY)	01/31/2017
Grade	P4
Direct employment	Not required
Purpose	Three positions are open to cover the roles of Area Managers for Nuclear Building, Auxiliary Buildings and for Nuclear Building Port Cells.

- To bring present layout for components and systems inside the Tokamak Complex Nuclear Building or Auxiliary buildings to a final and frozen layout ready for the installation of the plant systems and components in those Buildings;
- To manage the structure, plant system, component, layout and interfaces in the area of his/her responsibility providing an integrated configuration;
- To lead design studies ensuring that all Nuclear Safety requirements and Functional, Area Events requirements are properly satisfied.

- Assures that the space management requirements are met. Responsible for functional interfaces as well as Area Project Requirements as per Safety Authority Licensing Design Basis;
- Assures detailed layout drawings are compliant to 3D reference Configuration Models through qualified procedures certifying control of each modification;
- Supervises the production of general layout and arrangement drawings and 3D Configuration Models;
- Manage the configuration of structures, systems and components (SSCs) inside the area(s) under her/his responsibility;
- Initiates the implementation of solutions when space requirements are not satisfied according to ITER Design Control & Management procedures;

Main duties / Responsibilities	<ul style="list-style-type: none"><li>• Assures the completeness and the stability of the baseline design and as built configurations of the whole set of plant systems along the defined successive phases of the Project;</li><li>•Ensures that all operational, installation and safety requirements are implemented and coordinates the actions to resolve interface issues between systems and ensures that the interface documents are up to date during the design and the construction phases;</li><li>•Coordinates the assessment and disposition of project changes requests (PCRs), deviation requests (DRs), non-conformance requests (NCRs) ensuring the prompt implementation of the required changes in the layout in line with manufacturing and construction schedule;</li><li>•During the equipment installation phase, acts as full integration support to the construction Department (CST) for the involved worksite(s) and in the frame of the Construction Organization;</li><li>•Plans and manages Design Integration Reviews (DIR) to monitor and accelerate the resolution of interface integration issues, tracks and ensures the timely closure of the actions raised in terms of Licensing Design Basis Requirements, Functional Requirements, Functional Performances, Space Management requirements covering area events, ISI, Maintenance;</li><li>•Participates to the preparation and execution of Design &amp; Manufacturing Readiness Reviews and in the checking of models and drawings from Domestic Agencies and/or suppliers;</li><li>•Supports the development and management of integrated design/construction sequence and associated</li></ul>
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My space

 See jobs

My job alert

	<p>procurements, installation, turn over, commissioning time schedule moving into Areas &amp; Systems integration;</p> <ul style="list-style-type: none"><li>•Coordinates and defines priorities for design activities, and to support Engineering and Construction Departments;</li><li>•Performs other duties in support of the project schedule;</li><li>•May be requested to be part of any of the project/construction teams and to perform other duties;</li></ul>
Measures of effectiveness	<p>-Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</p> <p>-Reports to the Design &amp; Construction 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 teams and 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 Head of Central Integration Office (CIO), or proactively, informs the DG/ CIO Office 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 &amp; Construction Integration Division.</p> <p>Project Construction Phase</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>-Extensive experience in similar jobs (involving similar work responsibilities) and/or additional training certificates in relevant domains may be considered a reasonable substitute for the required educational degree;</p> <p>-Good 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&amp;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>
Social skills	<p>Ability to work effectively in a multi-cultural environment</p> <p>Ability to work in a team and to promote team spirit</p> <p>Ability to communicate effectively</p>
Specific skills	<p>Computer Aided Design</p> <p>MS Office standard (Word, Excel, PowerPoint, Outlook)</p>
General skills	<p>-Experience in Quality Assurance and high level nuclear quality standards implementation;</p> <p>-Capacity in addressing "Costs / benefits analysis" evaluating risks management and nuclear liabilities.</p> <p>-Proactive attitude in identifying and resolving layout issues and to take the decisions</p> <p>-Ability to communicate effectively and interact with other teams, coordinate and supervise their work leading the activities to resolve interfaces issue in a collaborative spirit</p>
Others	<p>-Experience with Microsoft Office suite of programs and of design software;</p> <p>-Knowledge of CAD design tools.</p>
Languages	English (Fluent)


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