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JOB DETAIL

Ref. IO1809 - 1/26/2017

Integration Section Leaders - CIO-014 & 086

Main job	Executive Management
Department	CIO/ Central Integration Office
Division	CIO / Design & Construction Integration Division
Job Family	Section Leader
Application Deadline (MM/DD/YYYY)	03/08/2017
Grade	P5
Direct employment	Required
Purpose	Opening of two positions to manage, depending on the assignment, the System Integration Section (SIS), or the Design Integration Section (DINS) within the Design & Construction Integration Division (DCIN) as part of the Central Integration Office (CIO) respectively to whole ITER project functional and physical integration. -To support the Head of the Design & Construction Integration Division in all matters related to the design and systems integration; -To manage and coordinate all activities related to systems functional & physical integration, engineering, control of the interfaces, implementation of Safety requirements, interfaces for construction and finally integrated commissioning & operation of the ITER project; -To resolve remaining transverse issues and to develop alternative design options; -To manage Transverse Functions
Main duties / Responsibilities	-Manage System Integration Section or Design Integration Section for the implementations of the roles and responsibilities, for the control of the scope, budget and schedule; -Supervise staff and coordinates and supports the activities of respective System Integration Section and Design Integration Section; -Provide effective leadership for the Sections ensuring team members are motivated and constantly developing their skills and experience, and manages the resourcing plan; -Are responsible for implementing Systems Engineering processes, including transverse functional analysis, propagation of requirements in the design together with design control, implementation of transversal functions and control of respective functional integration (SIS) & physical integration (DINS); -Are responsible for coordinating and controlling the appropriate propagation of all technical and safety requirements in the new staged approach 2016 baseline; -Assure design control and configuration management in line with approved procedures and engineering plan; -Are responsible for controlling and mitigating any major technical risks that could affect performances of the project or its integrated master schedule; -Collaborate closely with the Safety Department for the implementation and validation of the Safety Requirements; -Maximize human capital and people's commitment to achieving the IO goals; -Perform other duties linked to the above purposes upon management request, as necessary. -Provide leadership in safety; -Build and maintains effective relationship with Domestic Agencies, Project Teams and internal and major external stakeholders for the matter of their respective competences; -May be requested to be part of any of the project/construction team and to perform other duties; -Maintain a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.  -Reports to the CIO Design & Construction Integration

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	Division Head;
Measures of effectiveness	<p>-Collaborate closely with Construction Department in line with the new in place Construction Organization of the ITER project.</p> <p>-Collaborate with Science and Operation Department in the preparation and the integrated Commissioning of Tokamak Machine and Plant Systems;</p> <p>-In response to requests from the Director-General and/or CIO Head, or proactively, informs the DG / CIO Head, 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>-Builds-up and manages efficiently the respective SIS or DINS sections to fulfill the functions and missions as described above;</p> <p>-Establishes a collaborative attitude with all involved Organizations;</p> <p>-Successfully generates and maintains trustworthy, up-to-date information related to the machine's technical scope;</p> <p>-Effectively manages and promptly resolves respectively functional and physical interface issues;</p> <p>-Successfully supports the DCIN Division Head and other ITER Engineering Departments in implementing the ITER technical scope and tracking design work progress;</p> <p>-Successfully maintains effective communication with all Organizations interfacing with ITER;</p> <p>-Responsible for implementation of safety nuclear regulation and other safety standards of their respective Section's work;</p> <p>-Responsible for adherence to technical standards.</p>
	Project Construction Phase
Level of study	Master or equivalent degree
Diploma	Engineering, design & construction fields or other
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>-Knowledge of the ITER design &amp; configuration in addition to the functional and engineering aspects of the main Tokamak systems design is considered as an advantage;</p> <p>-Good knowledge of nuclear plant design, quality assurance program, especially the design control and configuration management processes and implementation;</p> <p>-General knowledge of nuclear safety regulations, codes and standards.</p>
Social skills	Ability to work in a team and to promote team spirit Ability to communicate effectively
Specific skills	MS Office standard (Word, Excel, PowerPoint, Outlook)
General skills	<p>-At least 10 years' experience in the systems engineering design and integration of large scientific and/or nuclear projects;</p> <p>-Experience in the implementation of engineering integration / construction related to nuclear/fusion projects, or excellent familiarity with complex engineering / construction programs;</p> <p>-Experience in design control and/or configuration management processes in nuclear/fusion projects, or equivalent complex projects, Experience in the construction and commissioning of nuclear/fusion facilities,;</p> <p>-Experience in Quality Assurance and high level nuclear quality standards implementation;</p> <p>-At least 5 years' experience in an engineering managerial position, preferably in a nuclear industry environment;</p> <p>-Demonstrated ability to lead a multidisciplinary team;</p> <p>-Ability to provide effective leadership;</p> <p>-Ability to motivate and develop the team members' skills and experience.</p>
Others	<p>-Excellent communication skills;</p> <p>-Capable of resolving conflicts and managing technical discussion towards achieving the results desired;</p> <p>--Skills consistent with managing a complex developmental project and databases related to design, engineering and project management like DOORS, ENOVIA, PLM system.</p>
Languages	English (Fluent)


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