

IO2091 Systems Integration Configuration Manager CIO-124

General information

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| Job category | Standard |
| Status | Published |
| Department | CIO/ Central Integration Office |
| Division | CIO / Design & Construction Integration Division |
| Section | CIO / DCIN / System Integration Section |

Job description

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| Main job | Engineering - Fusion |
| Title of the position | Systems Integration Configuration Manager CIO-124 |
| Job family | Coordinating Engineer |
| Grade | P4 |
| Direct employment | Not required SAP ID: 50002971 |
| Purpose | <p>To manage the control of integrated systems configuration in accordance with the project requirements;</p> <p>To control the development of the systems, coordinate the planning and the implementation of Functional Design Integration Review;</p> <p>To coordinate the definition of the system's commissioning state, on the basis of machine operating scenarios and Project staged approach;</p> <p>To manage the project-wide implementation of the Systems Engineering, including the management and the propagation of transverse requirements (system verification and validation) and the interface management;</p> <p>To perform any other duty related to the Project's Requirements and associated Functional Analysis.</p> <p>Please note that an organizational restructuring is planned in accordance with the needs of the organization and the evolution of the project phases. In this context, the unit of assignment of the present position may be updated in late 2019, early 2020.</p> |
| Main duties / Responsibilities | <p>Develops and implements Systems Engineering Plans, including requirements management, interface control and transverse functions;</p> <p>In alignment with systems maturity, controls the Baseline Documents, including the Systems Requirements Documents, Interface Documents, Engineering Diagrams, e.g. Process Flow Diagrams and Piping and Instrumentation Diagrams, Single-Line Diagrams throughout the whole lifecycle of the system's integration;</p> <p>Plans, organizes and manages the Functional Design Integration Review in order to verify the implementation of the integrated requirements and environmental constraints and provides/tracks corrective actions when necessary;</p> <p>Controls the compliance and integration of engineering diagrams with respect to the project's requirements, taking care of both functional interfaces as well as transverse requirements related to Design Basis and Investment Protection Policy;</p> <p>Ensures the configuration control of engineering diagrams for both functional integration purposes and for the preparation of commissioning and operation;</p> <p>Manages the collaboration with the Responsible Officers for the implementation of the Systems Engineering approach;</p> <p>Creates the plan for the validation of requirements during commissioning and coordinates its proper implementation;</p> <p>Participates in Configuration Management tasks, including the technical assessment of change control, deviation requests and non-conformities;</p> <p>May be required to work shifts during the ITER commissioning and Integrate-commissioning phases, outside ITER Organization reference working hours, including nights, weekends and public holidays;</p> <p>May be requested to be part of any of the project/construction teams and to perform other duties in support of the project.</p> |

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| Measures of effectiveness | <p>Enhances and maintains efficiently the ITER System's functional integration;</p> <p>Implements the Systems Engineering processes within the defined quality, cost and schedule;</p> <p>Prepares and manages the functional test of the Integrated Systems, as validated by ITER's requirements and functionalities;</p> <p>Coordinates associated activities with clarity and in a timely manner;</p> <p>Collaborates with relevant Technical Responsible Officers in a professional manner;</p> <p>Provides sound advice for implementation of corrective actions where necessary.</p> |
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Applicant criteria

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| Level of study | Master or equivalent degree |
| Diploma | mechanical, nuclear or other relevant field |
| Level of experience | At least 10 years |
| Technical experience/knowledge | <p>At least 10 years' experience in the implementation of the Systems Engineering on complex engineering projects, preferably within an international environment;</p> <p>Extensive experience in design (especially functional analysis), procurement, construction and commissioning;</p> <p>Excellent project management skills and demonstrated relevant experience in this area;</p> <p>Extensive experience in similar jobs involving similar work responsibilities;</p> <p>Experience in the engineering, construction and commissioning of nuclear / fusion facilities and in the Quality Assurance and nuclear quality standards implementation is considered as an advantage.</p> <p>The required education degree may be substituted by extensive professional experience involving similar work responsibilities and/or additional training certificates in relevant domains; A certification in Project Management would be advantageous.</p> |
| General skills | <p>Collaborate: Ability to dialogue with a wide variety of contributors and stakeholders;</p> <p>Communicate Effectively: Ability to adjust communication content and style to deliver messages to work effectively in a multi-cultural environment;</p> <p>Drive results: Ability to persist in the face of challenges to meet deadlines with high standards;</p> <p>Manage Complexity: Ability to analyze multiple and diverse sources of information to define problems accurately before moving to proposals/solutions;.</p> <p>Instill trust: Ability to model high standards of team mindset, trust, excellence, loyalty and integrity.</p> <p>Flexible and proactive approach oriented on problem solving.</p> |
| Languages | English (Fluent) |
| Others | <p>Excellent knowledge of the Microsoft Office package;</p> <p>Knowledge of DOORS and PLM is considered as an advantage.</p> |