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JOB DETAIL

Ref. IO2036 - 10/30/2018

Mechanical Construction Supervisor CST-151

Main job Mechanics

Department CST / Construction Department

Division CST / Tokamak Complex Section/Division

Job Family Engineer - 1

**Application Deadline
(MM/DD/YYYY)** 12/06/2018

Grade P2

Direct employment Not required

Purpose To assure the Operator Surveillance Role during installation in defined Worksites as required by the regulator for the ITER project during installation activities;
To ensure that the installation activities of Diagnostics and Heating Systems are correctly implemented in accordance with Safety requirements and Quality Management rules and in compliance with the time schedule.

Main duties / Responsibilities Supervises the installation of the following systems inside the Tokamak Complex Worksite, in full integration with the Construction Management as Agent (CMA), Safety Department, Quality Management Division (QMD) and relevant Technical Responsible Officer (TRO):
- Ion Cyclotron Heating and Current Drive System
- Electron Cyclotron Heating and Current Drive System
- Diagnostics Systems

Participates in the evaluation of the engineering designs of the aforementioned systems in the Tokamak Complex Worksite and provides the CMA, appropriate TRO and systems integration engineers with input on engineering work scope completion, installation methods, requirements and construction execution sequence and activities;
Provides support and expertise to the CMA in the management of tender, contractor & installation contracts;
Reviews and develops concepts with the CMA & TRO for installing, controlling and certifying the Tokamak Complex components' design and systems installation sequence & constructability;
Identifies the methods required to ensure the safe, successful and timely installation of the Tokamak Complex systems, in collaboration with the CMA & TROs;
Identifies potential safety, quality, or technical issues using the project Deficiency Notification Report (DNR), Request For Information (RFI) & Technical Query tools for design and construction activities and manages the timely resolution of each, in conjunction with the responsible entities ;
Participates to the "Witness" and "Hold" points activities in conjunction with the CMA and QMD representatives based on approved Inspection & Test Plans and verifies that reports are signed by the qualified persons from the different parties;;
Performs the execution of punch list work, closure and final documentation;
Writes and provides ad-hoc staff with all documentation related to the aforementioned duties;

Measures of effectiveness Collaborates with the CMA to verify all the manufacturer's dossiers, system qualifications, personnel qualifications, records, as-built drawings and supporting documentation for project closure;
May be required to work outside ITER Organization reference working hours, including nights, weekends and public holidays;
Implements the technical control of the Protection Important Activities, as well as their propagation to the entire supply chain;
May be requested to be part of any of the project/construction teams and to perform other duties in support of the project schedule;
Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics;

Reports to the Tokamak Complex Section/Division Head;
In response to requests from the Director-General (DG) and/or the Construction Department Head (CST), or proactively, informs the DG/ CST 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.

Generates and maintains coherent, comprehensive, and

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understandable documentation;
 Maintains effective communications within the IO, CMA and the Domestic Agencies;
 Controls that ITER Quality Management program and safety requirements are implemented within the defined scope of work;
 Evaluates the engineering design of systems in accordance with associated regulations and relevant stakeholders in a timely manner.

Level of study	Master or equivalent degree
Diploma	Mechanical or Control Engineering
Level of experience	At least 5 years
Technical experience/knowledge	At least 5 years' professional experience in Field related engineering such as the Construction and Commissioning of large scale industrial plants in nuclear, scientific or research environments; Detailed knowledge of Heating and Current Drive and Diagnostic systems would be a strong advantage; Experience in Tender package monitoring and procurement; Experience in writing clear and concise reports in English within international environments; The required education degree may be substituted by extensive professional experience involving similar work responsibilities and/or additional training certificates in relevant domains.
General skills	Ability to dialogue with a wide variety of contributors and stakeholders; Ability to adjust communication content and style to deliver messages to work effectively in a multi-cultural environment; Ability to persist in the face of challenges to meet deadlines with high standards; Ability to gather multiple and diverse sources of information to understand problems accurately before moving to proposals; Ability to apply high standards of team mindset, trust, excellence, loyalty and integrity.
Others	Proficient command of the Microsoft Office packages; Knowledge of software types usually used within a multidiscipline project environment – computer aided design, scheduling software, estimating software, etc.
Languages	English (Fluent)

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