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JOB DETAIL

Ref. IO1780 - 10/10/2016

Tokamak Assembly Preparation Engineer - CST-049

Main job	Construction
Department	CST / Construction Department
Division	CST / Tokamak Assembly Section/Division
Job Family	Engineer - 2
Application Deadline (MM/DD/YYYY)	11/20/2016
Grade	P3
Direct employment	Not required
Purpose	To support the development of Tokamak assembly strategies, specifications and documents, with special focus on protection important activities, welding and non-destructive examination and to follow up work package development.
Main duties / Responsibilities	<p>-Reviews and plans the handover of construction work packages to the “construction management-as-agent”;</p> <p>-Assures the timely engineering input and development of construction work packages from engineering departments and contractors and coordinates iterations;</p> <p>-Collects and summarizes all information related to welding and non-destructive testing (e.g. radiographic test) inside the assembly hall and pit and liaises with the construction team responsible person on all matter in relation to health &amp; safety and nuclear safety;</p> <p>-Coordinates and contributes to documents necessary prior to the start of assembly with special focus on protection important activities and handling of protection important components as well as manufacturing and inspections plans for assembly processes;</p> <p>-Supports Tokamak assembly team activities related to contract management and assures the continuation of internal engineering support;</p> <p>-Writes technical specifications for engineering support inside the Tokamak assembly team;</p> <p>-Follows up the work execution related to deliverables;</p> <p>-Supports the development of Tokamak related strategy documents, resource planning and high level reports, definition of long term goals in relation to ITER defined assembly phases;</p> <p>-May be required to work outside normal working hours, including nights, weekends and public holidays;</p> <p>-Performs other duties in support of the project schedule;</p> <p>-May be requested to be part of any of the project team and perform other duties;</p> <p>-Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</p> <p>-Reports to Tokamak Assembly Section/Division Head</p> <p>-Acts as an interface between the Tokamak assembly group and health &amp; nuclear safety department</p>
Measures of effectiveness	<p>-In response to requests from the Director-General and/or Construction Department Head, or proactively, informs the DG/ Construction Department 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>-Maintains effective communications within the ITER Organization and with the construction management-as-agent (CMA)</p> <p>-Elaborates, maintains and implements the Assembly strategic plan in relation to defined cost and schedule</p> <p>-Generates and maintains accurate, coherent, comprehensive and understandable documentation;</p> <p>-Successfully communicates with health and safety/nuclear safety and establish working team to prepare documents in relation to protection important activities</p>

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Project Construction Phase	
Level of study	At least Master's Degree or equivalent
Diploma	Mechanical Engineering or comparable fields
Level of experience	At least 8 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>-At least 8 years' experience in large scientific and/or fusion or nuclear projects; – Extensive experience of engineering aspects related to design, construction &amp; use of specific codes (e.g. ASME and/or EURO codes) and standards, safety/nuclear safety aspects and quality; -Experience in writing contract specifications, implementing, supervising and documentation of all aspects related to assembly work; -Proficient in use of management tools to plan and follow up group activities; -Profound knowledge of welding technologies is an asset; -Experience with assembly of huge and heavy components and structures would be an advantage; -Good knowledge of the specific design, construction and assembly aspects of Tokamak systems should be highly advantageous.</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) Primavera
General skills	<p>-Project planning &amp; management experience is required; -At least 5 years in contract management is required. -Proficient in the use of the Microsoft office suite of software; -Familiar with the planning programs, ideally Primavera or Microsoft project.</p>
Others	<p>-Proficient in the use of the Microsoft office suite of software; -Familiar with the planning programs, ideally Primavera or Microsoft project.</p>
Languages	English (Fluent)
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