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JOB DETAIL

Ref. IO2070 - 1/17/2019

Blanket Responsible Officer TED-144

Main job	Mechanics
Department	TED / Tokamak Engineering Department
Division	TED / Internal Components Division
Section	TED / INC / Blanket Section
Job Family	Coordinating Engineer
Application Deadline (MM/DD/YYYY)	02/17/2019
Grade	P4
Direct employment	Not required
Purpose	<p>To be responsible for the design and procurement of the Normal Heat Flux (NHF) First Wall Panels provided by the European Domestic Agency and of their assembly, commissioning and installation activities in line with the given interface, scope, budget and schedule requirements;</p> <p>To be responsible for the integration of associated diagnostics and instrumentation;</p> <p>To be responsible for the related Research & Development, and design validation and qualification tests;</p> <p>To be responsible for the coordination of the Blanket assembly interface tasks and non-conformity monitoring and implementation.</p>
Main duties / Responsibilities	<p>Contributes and controls the timely production and assessing the 3D models and 2D drawings of the Blanket NHF First Wall Panels procured by the European Domestic Agency;</p> <p>Manages the related Research & Development and supervises the qualification tests;</p> <p>Manages the interfaces and Quality Assurance (QA) procedures of the procured Blanket First Wall in close relation with the Quality Management Division; and the Construction Department;</p> <p>Coordinates the assembly interface tasks and monitors, manages and implements non-conformity, as needed;</p> <p>Produces ad-hoc reports and maintains documentation related to the aforementioned duties;</p> <p>May be required to work outside normal 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;</p> <p>Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, ITER Values (Trust; Loyalty; Integrity; Excellence; Team mind set; Diversity and Inclusiveness) and Code of Conduct.</p> <p>Special notice: May be requested to work on beryllium-containing components. In this case, he will be required to follow the established ITER Beryllium Management Program for working safely with beryllium. Full training and support will be provided by the ITER Organization.</p>
Measures of effectiveness	<p>Reports to the Blanket Section Leader;</p> <p>Successfully performs all responsibilities for the finalization of the mechanical and hydraulic design of the Blanket and in particular of the NHF First Wall Panels according to schedule and within defined costs;</p> <p>Coordinates effectively the procurement of the NHF FW Panels with the European Domestic Agency;</p> <p>Generates and maintains coherent, comprehensive and understandable design documentation for the NHF Blanket First Wall Panels;</p> <p>Effectively coordinates the assembly interface tasks and the monitoring and implementation of non-conformities for the Blanket system;</p> <p>Maintains effective communication and ensure people coordination on the system/project within the ITER Organization or with the European Domestic Agency as required by this position.</p>
	SAP Id: 50000653
Level of study	Master or equivalent degree
Diploma	Mechanical Engineering or other relevant field
Level of experience	At least 10 years
Technical experience/knowledge	At least 10 years' experience in the design, construction and integration of components subject to thermal loads and/or nuclear radiation, preferably in an international environment;

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Experience in fusion technologies and/or Ultra High Vacuum (UHV) applications and/or nuclear devices would be highly advantageous;
Working knowledge of mechanical manufacturing techniques and non-destructive tests including welding processes as well as geometrical and dimensional tolerances;
Experience in the design, fabrication and assembly of pressurized water components;
Experience in the technologies for fusion plasma-facing components and in the practical application of QA procedures would be highly advantageous;
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;
Good Contract and Project Management experience is required.

General skills Collaborate: Ability to dialogue with a wide variety of contributors and stakeholders;
Communicate Effectively: Ability to adjust communication content and style to deliver messages to work effectively in a multi-cultural environment;
Drive results: Ability to persist in the face of challenges to meet deadlines with high standards with high level of reliability and autonomy;
Manage Complexity: Ability to gather multiple and diverse sources of information to define problems accurately will the ability to set priorities and meet deadlines before moving to proposals;
Instill trust: Ability to apply high standards of team mindset, trust, excellence, loyalty and integrity.

Others Good command of the Microsoft Office package;
Basic knowledge of the Computer Aided Design (CAD systems), preferably with the CATIA software, would be an asset.

Languages English (Fluent)

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