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JOB DETAIL

Ref. IO2096 - 4/3/2019

Divertor Integration Officer TED-174

Main job	Mechanics
Department	TED / Tokamak Engineering Department
Division	TED / Internal Components Division
Section	TED / INC / Divertor Section
Job Family	Engineer - 2
Application Deadline (MM/DD/YYYY)	05/05/2019
Grade	P3
Direct employment	Not required
Purpose	<p>To prepare, plan, coordinate and implement the activities for the integration of the Divertor Cassette Assemblies and their delivery to the ITER Site, in line with the given interfaces, scope, budget and schedule requirements.</p> <p>To manage the design of the Divertor system interfaces and associated components, including the maintenance of the interface documentation.</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>Initiates and controls the development plan and schedule for the integration of the Divertor Plasma Facing Components (PFCs) and diagnostics onto the Cassette Bodies to obtain the Cassette Assemblies (this includes deliveries of components, acceptance tests, machining, installation, welding etc...);</p> <p>Prepares and manages the contractual and technical documentation related to the Divertor integration activities;</p> <p>Develops and implements the surveillance and technical control of the integration activities;</p> <p>Participates in the evaluation of the design engineering of the interface of the components, including gates reviews and defines the schedule by liaising closely with the concerned Technical Responsible Officers and with the Project Control Office;</p> <p>Contributes to the configuration control (drawings, models, schedules, interfaces) for the Divertor and the interfacing components by liaising closely with the Central Integration Office;</p> <p>Proposes and implements coordination and communication processes between all the stakeholders;</p> <p>Ensures the implementation of the Quality Assurance procedures in close relation with the Quality Management team;</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> <p>May be required to work outside ITER Organization reference working hours, including nights, weekends and public holidays.</p>
Measures of effectiveness	<p>Proposes and implements efficient strategies to define, validate, execute and control the delivery, testing and integration of the various components that form part of the Divertor integration activities;</p> <p>Successfully performs all responsibilities for the execution of the Divertor integration activities according to schedule and within defined costs;</p> <p>Identifies and resolves potential quality or technical issues in a timely manner;</p> <p>Establishes and maintains effective co-ordination and interface management with all the stakeholders;</p> <p>Proposes and implements processes to ensure efficient and effective coordination and communication between all the stakeholders.</p>
Level of study	Master or equivalent degree
Diploma	Mechanical Engineering or other relevant field.
Level of experience	At least 8 years
Technical experience/knowledge	<p>At least 8 years' experience in the design, manufacturing and integration of mechanical components;</p> <p>Experience in fusion technologies and/or Ultra High Vacuum (UHV) applications would be highly advantageous;</p> <p>Working knowledge of mechanical manufacturing techniques including welding processes, non-destructive tests, as well as geometrical and dimensional tolerances;</p>

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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;
Basic Project Management experience would be advantageous;
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 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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