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JOB DETAIL

Ref. IO1865 - 7/4/2017

Coil Power Supply Section Leader - PED-101

Main job Electricity**Department** PED / Plant Engineering Department**Division** PED / Electrical Engineering Division**Section** PED / EED / Coil Power Supply Section**Job Family** Section Leader**Application Deadline**
(MM/DD/YYYY) 08/06/2017**Grade** P5**Direct employment** Required**Purpose** To be responsible for installation, commissioning and operation of components and systems, and transversal engineering support that are under the responsibility of the ITER Coil Power Supply Section, by leading the members of the Coil Power Supply Section, completing the Procurement Arrangements and managing the execution of procurement contract placed by the ITER Organization (IO).

-To complete the installation and commissioning of the Coil Power Supplies in the Detailed Work Breakdown Structure Schedule (DWBS);

Main duties / Responsibilities -To operate and maintain the components of the Coil Power Supply System;

-To design and start the procurement of the components that are planned be installed after the first plasma.

-Provides effective leadership for the Section ensuring team members are motivated and constantly developing their skills and experience;

-Responsible for the budget management of the section;

-Is responsible for on-site integration of the Coil Power Supply components;

-Manages all interfaces within the components of the Coil Power Supplies and with the other ITER systems, particularly magnets, plasma control, interlocks, protection systems, buildings and site layout;

-Responsible for the consistency of the Coil Power Supplies construction and commissioning planning;

-Supervises the contributions from the ITER Domestic Agencies (DAs), including design activities, manufacturing, testing and installation of the components delivered by the DAs;

-Supports the licensing activities and safety assessment related functions in close collaboration with the Environmental Protection & Nuclear Safety Division;

-Executes and delivers the Detailed Work Schedule (DWS) in support of the Strategic Management Plan for scope budget and schedule of the systems in the Section and contributes to the staffing of the Section;

-Assures that IO's goals are achieved in a timely and effective manner, which meets safety, quality, cost and schedule targets;

-Maximizes human capital and people's commitment to achieving the IO goals;

-Provides leadership in safety;

-Builds and maintains relationship with internal and external stakeholders;

-May be requested to be part of any of the project/construction teams and perform other duties;

-Manage coil power supply operations & maintenance team, including participation to all call duty;

-May be required to work outside normal working hours, including nights, weekends and public holidays;

Measures of effectiveness -Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.

-Reports to Electrical Engineering Division Head

-In response to requests from the Director-General and/or the Head of the Plant Engineering Department (PED) or proactively, informs the DG/PED 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.

-Completes the construction and commissioning, including the prompt identification of solution required to address technical issues and establishing priority level and means of their implementation, in accordance with the applicable schedule;

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- Establishes a mechanism for Coil Power Supplies design integration and interface with other ITER systems;
- Ensures a good communication with other Sections and Departments/Offices within the ITER Organization on Coil Power Supplies related issues;
- Positive feed-back from Technical Responsible Officers (TROs) and DAs;
- Manages effectively of the Coil Power Supply Section staff members;
- Responsible for Section deliverables that meet safety standards, quality schedule and cost requirements;
- Responsible for implementation of safety nuclear regulation and other safety standards of the section's work;
- Responsible for adherence to technical standards.

Project Construction Phase
SAP ID : 50000677

Level of study	At least Master's Degree or equivalent
Diploma	Electrical Engineering
Level of experience	At least 10 years
Technical experience/knowledge	<ul style="list-style-type: none"> -At least 10 years' experience and competent expertise in the design, construction, commissioning and operation; -Experience in pulsed power distribution systems, AC/DC conversion plant above 200 MVA and Reactive Power Compensation systems above 200 Mvar; -Experience in the preparation of technical specifications for procurement contracts of large electrical components and subsystems; -Good experience in the preparation of technical specifications for procurement contracts of large electrical components/subsystems, including procurement contracts for operation and maintenance, and contracts for purchase of electricity; -Good experience in monitoring/following up contracts for design, construction, installation, commissioning and operation of large electrical components/subsystems; -Ability to draft and revise technical reports, documentation and project plans;
Social skills	Ability to work effectively in a multi-cultural environment Ability to work in a team and to promote team spirit Good negotiation skills
Specific skills	MS Office standard (Word, Excel, PowerPoint, Outlook)
General skills	<ul style="list-style-type: none"> -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 knowledge of the design details and technical requirements of Power Supply systems comparable to those required for ITER; -Good knowledge of electrical standards and design criteria for Nuclear Safety Relevant components. <p>-Basic Project Management experience is required.</p> <p>-Experience working with Tokamak fusion devices, or large international scientific facilities would be considered an advantage.</p> <ul style="list-style-type: none"> -At least 5 years' experience in supervising a team would be an advantage; -Ability to provide effective leadership; -Ability to motivate and develop the team members' skills and experience. -Ability to negotiate with influence and convince internal and external stakeholders.
Others	<ul style="list-style-type: none"> -Good knowledge of Microsoft Office tools adopted by the ITER Organization; -Good knowledge of software tools for transient and steady-state analyses, and real time digital simulation of large electrical systems.
Languages	English (Fluent)

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