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JOB DETAIL

Ref. IO1766 - 9/23/2016

Field Eng. Installation Div. Head - PED 085

Main job	Generalist
Department	PED / Plant Engineering Department
Job Family	Head of Division
Application Deadline (MM/DD/YYYY)	11/06/2016
Grade	D1
Direct employment	Required
Purpose	<p>-To assure the surveillance in installation of mechanical and electrical systems according to the delivered and approved Resources Loaded Schedule and according to the authorized budget and costs within the Plant Engineering Department (PED).</p> <p>-To manage Mechanical / Piping / Electrical Systems Surveillance during installation of the Plant Systems in Non-Nuclear Buildings as well as in Hot Cell Complex and Tritium Building.</p> <p>-To manage the in-field engineering effort for Nuclear and Non-nuclear buildings to assure resolution of in field design changes, deviation requests and certify the as built configuration according to the engineering design work package.</p> <p>-To act within a well-coordinated team framework with all the others construction shareholders in compliance with the IO construction organization (IDM_ TQ6Z8S).</p> <p>-To manage scope, schedule, cost, risk and quality of PED installation activities together with Construction Department (CST) and in full integration with Construction Management-as-Agent (CMA).</p>
Main duties / Responsibilities	<p>-Supports the PED Head in all matters related to the installation activities in charge to the Department in Non-Nuclear Buildings as well as in Hot Cell Complex and Tritium Building;</p> <p>-Manages all PED Plant Installation Activities assuring surveillance as Operator for mechanical and Piping as well as for Electrical systems installation;</p> <p>-Assures in full integration with CMA as well as CST schedule, cost, risk and quality of Mechanical / Piping and Electrical Systems installation;</p> <p>-Provides effective leadership in the Construction Team for Plant Installation (CTPI) in its role of Field Engineering Installation Division Head, ensuring managers and team members be motivated, and by constantly developing their skills and experience through close staff collaboration;</p> <p>-Oversees the interfaces between the ITER Organization and the Domestic Agency Leaders related to the CTPI Mission;</p> <p>-Enforces the project's Quality Assurance (QA) program and risk mitigation regarding the in field engineering activities as well as installation surveillance activities;</p> <p>-Realizes integration with other technical interfaces;</p> <p>-Executes and delivers the Detailed Work Schedule for scope budget and schedule of the systems in the Division and contributes to the staffing of the Division;</p> <p>-Assures that ITER Organization Central-Team's (IO-CT) goals are achieved in a timely and effective manner, which meets safety, quality, cost and schedule targets;</p> <p>-Maintains positive relationship with Senior Building, Site Infrastructure &amp; Power Supplies Distribution (BIPS) Project Team (PT) management to ensure that a synchronization effort between IO-CT and BIPS PT is achieved in the civil structure interfaces management during installation activities surveillance;</p> <p>-Maximizes human capital of the CTPI and people's commitment to achieving the IO goals;</p> <p>-Provides leadership in safety;</p> <p>-Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</p>
Measures of	-Reports to the Plant Engineering Department Head;

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effectiveness	<p>-In response to requests from the Director-General and/or Plant Engineering Department (PED) Head, 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.</p> <p>-Interfaces with all other CTPI and construction staff and Divisions of PED to support an excellent integration. ;</p> <p>-Implements and enforces ITER's construction with high QA program;</p> <p>-Interfaces with the construction design team on building requirements;</p> <p>-Maintains communication with other organizations related to the ITER collaboration as well as fusion community.</p> <p>-Manages efficiently interfaces between PED / CTPI and CMA as well as Contractors selected for installation;</p> <p>-Develops a cost effective installation and testing plan within the defined schedule;</p> <p>-Ensures the implementation of QA program requirements is properly done;</p> <p>-Successfully maintains effective communication with all Members delivering subsystems for the issues of PED / CTPI.</p> <p>Project Construction Phase</p>
Level of study	At least Master's Degree or equivalent
Diploma	Mechanical or Nuclear Engineering field
Level of experience	At least 15 years
Technical experience/knowledge	<p>-Knowledge on Project / Contracts financial / economic management is a plus;</p> <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 15 years of outstanding expertise in the construction organization of plant systems, such as cryogenics, water, electrical distribution, tritium processing and radioactive waste handling;</p> <p>-Good background in Project / Contracts Management as well as expertise in Site Organization support;</p> <p>-Good experience in effective QA management and implementation.</p> <p>-10 years in a managerial or coordination position in scientific and technical projects.</p>
Social skills	<p>Ability to work effectively in a multi-cultural environment</p> <p>Ability to work in a team and to promote team spirit</p> <p>Ability to communicate effectively</p> <p>Good negotiation skills</p>
Specific skills	MS Office standard (Word, Excel, PowerPoint, Outlook)
General skills	-Skills consistent with managing a complex developmental project.
Languages	English (Fluent)