

IO1365 Process Schematics Technical Coordinator CIE-309

General information

Job category	Standard
Status	Confirmed
Department	DIP/Directorate for Central Integration & Engineering
Division	CIE / CAD & Design Coordination Division
Section	CIE / DO / Plant Design Section

Job description

Main job	Computer Science - Computer Aided Design
Title of the position	Process Schematics Technical Coordinator CIE-309
Job family	Coordinating Technician
Grade	G5
Direct employment	Required
Purpose	<p>To promote, coordinate and monitor the production of all ITER CAD activities related to process schematics and associated design engineering assistance.</p> <p>To perform process interface control, quality control and performance/schedule measurement of the CAD activities (from design to manufacturing and installation).</p> <p>To develop and administrate the schematics platform.</p>
Main duties / Responsibilities	<p>Coordinates and monitors the production of all ITER CAD activities related to process schematics (IO, DA & Suppliers);</p> <p>Ensures the best usage of the schematics infrastructure for plant systems;</p> <p>Organizes / implements at different maturity levels (including manufacturing) the quality control of the schematics and associated engineering data related to the components or systems;</p> <p>Defines the process development strategy in particular for: publication, versioning and approval of schematic data and ensure its application;</p> <p>Administrates the schematics platform;</p> <p>Supervises external support services (training, coaching, work instructions, production, software administration & customization, licenses);</p> <p>Delivers training and develops CAD Manual sections</p> <p>Supports design related horizontal activities like Design Work Order, configuration control, tagging, interface checking, in collaboration with Domestic Agencies (DA) Suppliers, etc;</p> <p>Actively contributes to the identification of miss-functioning & improvements of the CAD infrastructure (including with interface software) & participates in the implementation of corrective actions;</p> <p>Contributes actively to the circulation and record of the information with relevant actors and to the consolidation of the long-term knowledge management of the system design;</p> <p>Performs other duties in support of the project schedule as described in the Detailed Work Schedule or Strategic Management Plan;</p> <p>Performs other duties linked to the above purpose upon management request, as necessary;</p> <p>Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</p> <p>Manages the proper usage of the CAD infrastructure by all Users;</p> <p>Ensures efficiency and quality in the assistance provided to the component Responsible Officers by engineering companies;</p> <p>Coordinates and verifies the implementation of the relevant CIE horizontal processes;</p> <p>Organizes the required quality control and needed corrective actions;</p> <p>Monitors the proper usage of the resources with regards to the schedule & cost containment;</p> <p>Interacts efficiently with different team members (IO, DA & Suppliers) on multi-discipline topics;</p> <p>Organizes complex activities while complying with schedule constraints;</p> <p>Proposes procedure improvements aiming at efficiency & quality.</p>
Measures of effectiveness	<p>Under the coordination of the Plant Design Infrastructure Responsible Officer, reports to the Plant Design Section Leader;</p> <p>Acts as an interface between the relevant System Responsible Officers, Integration Responsible Officers, and the DA / Contractor's leading Designers & Engineers and the CAD &</p>

Design Coordination Division Members;
 Interfaces with software experts, IT office and software publishers;
 In response to requests from the Director-General and/or Director of Central Integration & Engineering (CIE) Directorate, or proactively, informs the DG/ Director of CIE Directorate 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.

Project construction phase.
 SAP ID: 500000263

Applicant criteria

Level of study	At least Bachelor's degree or equivalent
Diploma	Technical Engineering field (Processes, CAD, etc.)
Level of experience	At least 7 years
Technical experience	<p>At least 7 years experience in a multi-disciplines Plant Design Office in process and network design (schematics, synoptic, etc.);</p> <p>Experience with the process and network design and control of the manufacturing data of fluidic circuits (water, gas, vacuum), HVAC, power supply, instrumentation & control;</p> <p>Experience in a remote design collaboration environment would be an advantage;</p> <p>Experience in multi-national projects, preferably in fusion and/or nuclear energy involving large components and structures, support systems, high-power circuits & buildings and complex interfaces would be an advantage;</p> <p>Experience in coordinating and checking the deliverables of subcontractors (Designers and Engineers) in regard to the technical, schedule and costs requirements.</p>
Social skills	Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit
General skills	Knowledge in piping, electrical and Instrumentation & Control processes & schematics from conceptual to detailed design.
Languages	English (Working)
Specific skills	<p>CATIA, Computer Aided Design, ENOVIA, MS Office standard (Word, Excel, PowerPoint, Outlook)</p> <p>At least 5 years' experience in Schematics CAD systems enabling multi-discipline process description;</p> <p>Advanced experience with the SEE-SYSTEM-DESIGN software tools or equivalent is required;</p> <p>Experience with the SEE-ELECTRICAL EXPERT software tools or with other advanced cubical CAD systems enabling process description would be an advantage;</p> <p>Experience with CATIA V5 & ENOVIA LCA-VPM or with other integrated database systems would be an advantage.</p>
Others	