

IO1261 Design Coordinator CIE-248

General information

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

Job description

Main job	Engineering - Design
Title of the position	Design Coordinator CIE-248
Job family	Experienced Technician - 1
Grade	G4
Direct employment	Required
Purpose	<p>-To coordinate and monitor Computer-Aided Design (CAD) and design engineering assistance through Task Orders on plant design activities;</p> <p>-To perform geometrical configuration, CAD design environment (context), interface control, quality control and performance/schedule measurement of the CAD activities (from design to manufacturing and installation);</p> <p>-To control and manage CAD data and related databases for plant systems;</p> <p>-The main areas of work are Power supply and Control, Data Access and Communication (CODAC) activities.</p>
Main duties / Responsibilities	<p>-Coordinates & monitors the implementation & controls the CAD assistance to specific plant systems, provided by Engineering Companies, from the definition of the specifications, to the organization of kick-of-meetings, & control of the deliverables in terms of technics, quality, schedule;</p> <p>-Ensures the best usage of the CAD infrastructure for plant systems;</p> <p>-Supervises the quality control of the CAD data & CAD database structures related to the components or systems;</p> <p>-Supports design related horizontal activities like Design Work Order, geometrical configuration control, CAD design environment (context) & interface checking, in collaboration with Domestic Agencies (DA)Suppliers, etc;</p> <p>-Actively contributes to the identification of miss-functioning & improvement of the CAD infrastructure & participates to the implementation of corrective actions;</p> <p>-Contributes actively to the circulation & record of the information with relevant actors & to the consolidation of Iter Organization 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 Breakdown Structure 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 & perpetuation of the ITER Safety Program, values & ethics.</p>
Measures of effectiveness	<p>-Reports to the Plant Design Section Leader;</p> <p>-Acts as an interface between the relevant Component Responsible Officers, Integration Responsible Officers, & the Contractor's leading Designers & Engineers and the CAD & Design Coordination Division Members;</p> <p>-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 & urgent issues that cannot be handled by the concerned line management and may jeopardize the achievement of the Project's objectives.</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: Detailed Work Schedule DWS -, Design Work Order - DWO -, geometrical configuration, Project Change Request PCR -, budget;</p>

- Organizes the required quality control and needed corrective actions;
- Monitors the proper usage of the resources with regards to the schedule & cost containment.

-SAP id S 50001244.
-Project Construction Phase.

Applicant criteria

Level of study	Bachelor or equivalent degree
Diploma	Technical Engineering Field
Level of experience	5 to 10 years
Technical experience	<ul style="list-style-type: none"> -Experience in an Electro-Mechanical and/or Electrical Engineering or Plant Design Office; -Experience in a remote design collaboration environment would be an advantage; -Experience in engineering activities & manufacturing monitoring; -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; -Ability to control the deliverables of subcontractors (Designers and Engineers) in regard to the technical, schedule and costs requirements.
Social skills	<p>Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit</p> <ul style="list-style-type: none"> -Knowledge of Power Supply, Cable-Tray & Codac, design of components, systems and building interfaces, design and manufacturing following up, design engineering approach in research and industry;
General skills	<ul style="list-style-type: none"> -At least 5 years' experience in design work involving an advanced CAD system, including 3 years with CATIA 5; -Experience with ENOVIA LCA-VPM or with other integrated database systems would be an advantage; -Experience with SEE-SYSTEM-DESIGN or with other advanced Schematics CAD systems enabling multi-discipline process description would be an advantage.
Languages	English (Working)