

# IO1261 Design Coordinator CIE-248

## 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

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|--------------------------------|--|
| Main job                       | Engineering - Design   |
| Title of the position          | Design Coordinator CIE-248   |
| Job family                     | Experienced Technician - 1   |
| Grade                          | G4   |
| Direct employment              | Required   |
| Purpose                        | <ul style="list-style-type: none"><li>-To coordinate and monitor Computer-Aided Design (CAD) and design engineering assistance through Task Orders on plant design activities;</li><li>-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);</li><li>-To control and manage CAD data and related databases for plant systems;</li><li>-The main areas of work are Power supply and Control, Data Access and Communication (CODAC) activities.</li></ul>  |
| Main duties / Responsibilities | <ul style="list-style-type: none"><li>-Coordinates &amp; monitors the implementation &amp; 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, &amp; control of the deliverables in terms of technics, quality, schedule;</li><li>-Ensures the best usage of the CAD infrastructure for plant systems;</li><li>-Supervises the quality control of the CAD data &amp; CAD database structures related to the components or systems;</li><li>-Supports design related horizontal activities like Design Work Order, geometrical configuration control, CAD design environment (context) &amp; interface checking, in collaboration with Domestic Agencies (DA)Suppliers, etc;</li><li>-Actively contributes to the identification of miss-functioning &amp; improvement of the CAD infrastructure &amp; participates to the implementation of corrective actions;</li><li>-Contributes actively to the circulation &amp; record of the information with relevant actors &amp; to the consolidation of Iter Organization long-term knowledge management of the system design;</li><li>-Performs other duties in support of the project schedule as described in the Detailed Work Breakdown Structure Schedule or Strategic Management Plan;</li><li>-Performs other duties linked to the above purpose upon management request, as necessary;</li><li>-Maintains a strong commitment to the implementation &amp; perpetuation of the ITER Safety Program, values &amp; ethics.</li></ul> |
| Measures of effectiveness      | <ul style="list-style-type: none"><li>-Reports to the Plant Design Section Leader;</li><li>-Acts as an interface between the relevant Component Responsible Officers, Integration Responsible Officers, &amp; the Contractor's leading Designers &amp; Engineers and the CAD &amp; Design Coordination Division Members;</li><li>-In response to requests from the Director-General and/or Director of Central Integration &amp; Engineering (CIE) Directorate, or proactively, informs the DG/ Director of CIE Directorate of any important &amp; urgent issues that cannot be handled by the concerned line management and may jeopardize the achievement of the Project's objectives.</li><li>-Manages the proper usage of the CAD infrastructure by all Users;</li><li>-Ensures efficiency and quality in the assistance provided to the component Responsible Officers by engineering companies;</li><li>-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;</li></ul>   |

- 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"> <li>-Experience in an Electro-Mechanical and/or Electrical Engineering or Plant Design Office;</li> <li>-Experience in a remote design collaboration environment would be an advantage;</li> <li>-Experience in engineering activities &amp; manufacturing monitoring;</li> <li>-Experience in multi-national projects, preferably in fusion and/or nuclear energy involving large components and structures, support systems, high-power circuits &amp; buildings and complex interfaces would be an advantage;</li> <li>-Ability to control the deliverables of subcontractors (Designers and Engineers) in regard to the technical, schedule and costs requirements.</li> </ul> |
| 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"> <li>-Knowledge of Power Supply, Cable-Tray &amp; Codac, design of components, systems and building interfaces, design and manufacturing following up, design engineering approach in research and industry;</li> </ul>   |
| General skills       | <ul style="list-style-type: none"> <li>-At least 5 years' experience in design work involving an advanced CAD system, including 3 years with CATIA 5;</li> <li>-Experience with ENOVIA LCA-VPM or with other integrated database systems would be an advantage;</li> <li>-Experience with SEE-SYSTEM-DESIGN or with other advanced Schematics CAD systems enabling multi-discipline process description would be an advantage.</li> </ul>   |
| Languages            | English (Working)   |