



china eu india japan korea russia usa

JOB DETAIL

Ref. IO1610 - 12/8/2015

CAD Production Engineer - CIO-047

Main job	Computer Aided Design
Department	CIO/ Central Integration Office
Division	CIO / Design Office Division
Section	CIO / DO / CAD Section
Job Family	Engineer - 1
Application Deadline (MM/DD/YYYY)	01/06/2016
Grade	P2
Direct employment	Not required
Purpose	<p>To implement the Computer Aided Design (CAD) resource policy aiming at efficiency, quality & schedule-minder approach.</p> <p>To bring a strong added value on: CAD task management & coordination, best CAD & Engineering industrial practices and schedule compliance.</p> <p>CAD resources involved are: IO CAD Designers & Technicians and externalized work-packages.</p> <p>To collaborate with the Department CAD Coordinators and the Responsible Officers.</p> <ul style="list-style-type: none"> • Manages the CAD production based on the CAD Work-Plan and unplanned requests aiming at design quality, efficiency & schedule compliance; • Supports the CAD Section Leader in the management of the Design Coordinators, CAD Core Team and externalized work-packages;
Main duties / Responsibilities	<ul style="list-style-type: none"> • Supports activities such as: CAD flexibility implementation within project priorities, document technical review (CAD Work-Plans consistently with DPP, specifications, deliverables), regular progress meetings with Contractors, input for earned-value analysis & key performance indicators; • Develops, promotes and enforces the usage of best industrial design practices in the mechanical & plant design areas, such as: geometrical configuration, 2D-3D coherence, plant disciplines, construction data, interfaces and CAD collaboration, contributes to technical issue fixing; • Develops an effective collaboration with Department CAD Coordinators, Responsible Officers and Project Control, organizes regular meetings to plan ahead, review progresses and fix issues; • Enforces CAD Quality Assurance and Quality Control (QA/QC) and DO processes; • Identifies, analyses and fixes CAD production efficiency & design quality issue cases; • Proposes & implements improvements for the DO processes & CAD infrastructure; • Performs other duties in support of the project schedule as described in the Detailed Work Schedule and the Strategic Management Plan & upon management request; • May be requested to be part of any of the project team dealing with the above activities and perform other duties upon management request; • Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics. • Reports to the CAD Section Leader; • Acts as an interface between the Design Office and Systems, Integration, Configuration, Project Control,

My space



See jobs

My job alert

	<p>Contractors;</p> <ul style="list-style-type: none">• In response to requests from the Director-General and/or the Head of the Central Integration Office (CIO) or proactively, informs the DG/ CIO 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.
Measures of effectiveness	<ul style="list-style-type: none">• Implements the IO CAD resource policy aiming at efficiency, quality & schedule-minder approach;• Maintains & reviews the CAD Work-Plans aiming at the requested level of information resolution & coherence (scope, deliverables, interfaces, schedule...);• Proposes pertinent & documented CAD resource flexibility solutions when needed;• Develops further the design capabilities of the DECO and CAD Core Team;• The present position requires a level of professional experience, teaching & persuasion capabilities and authority to implementation best industrial practices in design & resource management areas.
	<p>SAP Id: 50001051</p>
	<p>Project Construction Phase</p>
Level of study	At least Master's Degree or equivalent
Diploma	Mechanical, process engineering or other
Level of experience	At least 5 years
Technical experience/knowledge	<ul style="list-style-type: none">– At least 5 years' industrial experience overseeing Mechanical and/or Plant Design Office activities in large nuclear projects performed in an international environment and in a remote design collaboration manner, including resource and quality supervision;– At least 3 years' experience in planning (including effort / budget estimates) & coordinating design tasks, CAD & engineering contracts (measured through earned value & Key Performance Indicators). <p>– Design engineering knowledge in nuclear environment / industry required in the following areas: general installation / arrangement, fluidics, HVAC, concrete and steel-frame buildings, electro mechanics, penetrations, support systems, installation (including CAD documents for construction hand-over, tolerances, as-built), commissioning, operation and maintenance, system approach, preliminary sizing, configuration control, nuclear requirements, QA/QC;</p>
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
General skills	High level of autonomy
Others	<ul style="list-style-type: none">– A 3-years' experience with CATIA V5, ENOVIA LCA – VPM V5 , See-System-Design, or/and PDMS or/and other equivalent advanced 2D-3D CAD plant tools are required;– An experience with a Project Life Cycle Management would be highly appreciated.
Languages	English (Fluent)