

## ITER 국제기구 공모 직위 직무기술서 (제204차)

### ○ 2개 직위

구분	분야	소속	직위	Job No.	등급
①	중앙통합 (CIO)	Design Office Division CAD Infrastructure Section	Design Office Infrastructure Engineer	CIO-114	G6
②				CIO-180	G6

# IO1857 Design Office Infrastructure Engineer CIO-114&180

## General information

Job category	Standard
Status	Published
Department	CIO/ Central Integration Office
Division	CIO / Design Office Division
Section	CIO / DO / CAD Infrastructure Section

## Job description

Main job	Engineering - Design
Title of the position	Design Office Infrastructure Engineer CIO-114&180
Job family	Engineer - 1
Grade	G6
Direct employment	Not required
Purpose	<p>Two openings :</p> <p>To be responsible, under the joint coordination of the CAD Infrastructure &amp; Applications and CAD Collaboration Responsible Officers (RO) of the Design Office (DO), for an integrated development of projects, mission implementation operations and maintenance of the ITER Computer Aided Design (CAD) Infrastructure, and associated collaboration enablers;</p> <p>To supervise &amp; contribute to CAD user support, CAD collaboration production &amp; specifications for their scope of job.</p>
Main duties / Responsibilities	<ul style="list-style-type: none"> <li>-Is Responsible for the development and roll-out of projects, via an integrated manner, related to architecture, maintenance &amp; improvements of the ITER CAD Infrastructure involving CATIA V5, ENOVIA LCA/VPM V5, SSD and the integration with ENOVIA V6, AVEVA and the construction tools (e.g. Smart-Plant) as assigned by the CAD Infrastructure &amp; Applications RO;</li> <li>-Is Responsible for the development &amp; roll-out of projects related to development, maintenance &amp; improvements of the ITER CAD Collaboration involving CAD Collaboration procedures &amp; tools;</li> <li>-Is responsible for the implementation of the relevant project requirements in the CAD software and related processes resulting from Safety Authority regulations, Quality Assurance and interfaces with configuration control, multi-discipline CAD design production, engineering and construction within the CAD Infrastructure and CAD collaboration developments;</li> <li>-Supervises or/and performs missions related to CAD user requests, database issue fixing, software enhancement specifications, plans software migrations and customisation, interface and coordinate with IT and software publisher, user training, certification &amp; coaching of the DO environment and associated quality documentation, including the propagation of the information to the CAD users at ITER Organization, Domestic Agencies (DAs) &amp; suppliers;</li> <li>-Contributes to CAD design activities (mechanical/plant systems) including interfaces management;</li> <li>-Supervises or/and performs the software administration (settings, people &amp; organization);</li> <li>-Supervises or/and performs the Design Collaboration specifications and monitoring through regular interfaces with DAs counterparts, and external contributors;</li> <li>-Contributes to the Supervision of the Design Collaboration production and enhancements of this production in close collaboration with team members at IO, DA and suppliers;</li> <li>-Prepares &amp; coordinates contracts with software publisher and external companies including procurement follow-up / contribution and contract monitoring;</li> <li>-Supports the coordination of the work of ITER Organization staff as well as external services;</li> <li>-May be required to work outside normal working hours, including nights, weekends and public holidays;</li> <li>-Performs other duties in support of the project schedule;</li> <li>-May be requested to be part of any project/construction teams and to perform other duties;</li> <li>-Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</li> </ul> <p>-Reports to the CAD Infrastructure Section Leader;</p> <p>-Interacts on a daily basis with the Design Office Division's Members;</p>

	<ul style="list-style-type: none"> <li>-Contributes, in relation to his responsibilities, to the interfaces &amp; frequent communication with other ITER Sections/Divisions and DAs;</li> <li>-Contributes to the DA Trainers Train-the-Trainer Program and problem fixing;</li> <li>-In response to requests from the Director-General and/or the Head of Central Integration Office (CIO), or proactively, informs the DG/COO/ Head of CIO 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.</li> </ul>
Measures of effectiveness	<ul style="list-style-type: none"> <li>-Provides an efficient and high-quality service to the ITER, IT &amp; CAD Users, implementing a customer satisfaction approach, regarding CAD infrastructure architecture, CAD software functionalities, performance, integration &amp; availability within the defined costs &amp; schedule;</li> <li>-Ensures relevant process efficiency and efficient way of problem solving and executing;</li> <li>-Develops further technical capabilities, CAD tools in compliance with relevant requirements of Safety Authority regulations, quality, configuration, multi-disciplines, coordination &amp; integration, efficiency improvement, collaboration, cost containment, schedule-minded, etc.;</li> <li>-Establishes a good collaborative relationship with all involved internal and external organizations.</li> </ul>
	Project Construction Phase SAP ID : ID SAP: 5-0255 & 1166

## Applicant criteria

Level of study	Bachelor or equivalent degree
Diploma	Engineering, Computer Science or other discipline
Level of experience	At least 7 years
Technical experience/knowledge	<ul style="list-style-type: none"> <li>-Extensive experience in similar jobs/responsibilities and/or additional training certificates in relevant domains may be considered a reasonable substitute for the required level of degree.</li> <li>-At least 7 years' experience in CAD software and CAD database related architecture, deployment, training, coaching, testing and development for a large multi-disciplinary project performed in an international environment and in a remote design collaboration manner;</li> <li>-Previous experience as CAD software user in the design of electromechanical or complex systems is required. Experience in the fusion field would be advantageous;</li> <li>-Basic Project Management experience is required;</li> <li>-Demonstrated ability to produce high quality results which have stood the test of being successfully deployed to production;</li> </ul>
Social skills	Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit
General skills	<ul style="list-style-type: none"> <li>-Ability to work towards predefined goals with a high level of autonomy while sustaining a high level of work pressure;</li> <li>-Good communication skills and the ability to work in a team and to promote team work.</li> </ul>
Languages	English (Fluent)
Specific skills	Computer Aided Design, ENOVIA
Others	<ul style="list-style-type: none"> <li>-A minimum of 5 years' of integrated CAD architecture, development and customization experience involving CATIA, ENOVIA LCA VPM V5, and integration of other software;</li> <li>-Experience in software &amp; data-base integration of SSD, 3D-Live, DELMIA, ENOVIA V6 (PLM, multi-CAD DMU) and AVEVA would be considered as an advantage.</li> </ul>