

## ITER 국제기구 공모 직위 직무기술서 (제109차)

### ○ 2개 직위

구분	분야	소속	직위	Job No.	등급
①	안전·품질·보안 (SQS)	Department for Safety	Director	DS-001	D1/D2
②	플랜트시스템 엔지니어링 (PSE)	Plant Engineering Division Cooling Water System Section	Project Analyst	TCWS-027	G5

# IO1532 Director of Department for Safety DS-001

## General information

Job category	Standard
Status	Published
Department	DS/Department for Safety

## Job description

Main job	Safety - Security - Nuclear Safety
Title of the position	Director of Department for Safety DS-001
Job family	Director of Department
Grade	D1/D2
Direct employment	Required
Purpose	<p>ITER is a nuclear machine regulated by French nuclear law.</p> <p>To manage all matters related to the ITER Organization (IO) environmental protection, nuclear safety, licensing, occupational health and security;</p> <p>To guarantee full compliance with safety and security standards as defined by the Host country;</p> <p>To manage security for the ITER site taking into account protection against acts of malevolence;</p> <p>To support the DDG for Relationship Coordinating Officer (DDG/RCO) and Director General (DG) who is the nuclear operator in the development of the Strategic Management Plan and the overall strategy and manage the execution of the plan, as consistent with the baseline costs, schedule and scope defined by the ITER Council;</p> <p>To provide systems such as budget and schedule planning, staffing plan and oversight of staff selection for the Safety Department (DS).</p>
Main duties / Responsibilities	<p>Advises and proposes strategic implementation to the DDG/RCO and the DG in all matters related to safety, regulatory requirements and compliance with respect to the Host country's safety and security regulations;</p> <p>Provides effective leadership for the Department ensuring managers and team members deliver their work effectively, are motivated and constantly developing their skills and experience;</p> <p>Maintains independent nuclear safety control as established in French regulations for Basic Nuclear Installations;</p> <p>Ensures safety and security standards are implemented and enforced with respect to site safety and operation, in particular during construction phase with all concerned stakeholders;</p> <p>Acts as an interface between the IO and local, national and international government agencies with respect to safety, security standards;</p> <p>Oversees safety and security compliance with regard to regulatory requirements, in particular when Protection Important Activities and/or Components are concerned;</p> <p>Develops and maintains all necessary safety programs (radiation, ALARA program, oxygen deficiency hazards, electrical safety, etc.);</p> <p>Oversees compliance with general quality standards for the ITER Project;</p> <p>Ensures work delivered is consistent with the budget of the Department and manages the staffing of the Department;</p> <p>Assures that IO's goals are achieved in a timely and effective manner, which meets safety, quality, cost and schedule targets;</p> <p>Maximizes human capital and people's commitment to achieving the IO goals;</p> <p>Provides leadership in safety;</p> <p>Builds and maintains relationship with internal stakeholders, Domestic Agencies and major external stakeholders;</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>Under the supervision of the DDG/RCO, reports to the DG;</p> <p>Interfaces with all other Departments with respect to the implementation of safety and quality assurance relevant matters;</p> <p>Interfaces with Host country's authorities for DS relevant matters;</p> <p>Liaises with IO Legal Advisor with respect to safety and security matters.</p>

Measures of effectiveness	<p>Manages effectively the line management of the Department and the achievement of their performance targets;</p> <p>Effectively communicates the ITER Safety Program throughout the project and sets measurable standards on safety performance;</p> <p>Acts as an interface between the IO and the Host country's authorities;</p> <p>Acts actively and effectively ensuring the IO is complying with rules and regulations of the Host country;</p> <p>Maintains effective communication with all governmental and regulatory organizations interfacing with ITER;</p> <p>Responsible for Department deliverables that meet safety standards, quality schedule and cost requirements;</p> <p>Responsible for implementation of nuclear safety regulation and other safety standards of the IO's work;</p> <p>Responsible for adherence to technical standards.</p> <p>Project construction phase</p> <p>SAP Id: 500000023</p>
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## Applicant criteria

Level of study	Master or equivalent degree
Diploma	Nuclear safety&security, engineering or relevant
Level of experience	At least 15 years
Technical experience	<p>Knowledge of Host State's regulations on nuclear safety and protection against acts of malevolence is highly required;</p> <p>French security clearance on a justified need-to-know basis is required.</p> <ul style="list-style-type: none"> <li>- At least 15 years' experience in engineering project environments;</li> <li>- At least 10 years' experience within the Host regulatory environment including the implementation of safety programs with respect to the national requirements;</li> <li>- Demonstrated experience in the successful implementation of safety programs in a large construction project related to nuclear/fusion safety or excellent familiarity with the nuclear safety program through operation of a facility is required;</li> <li>- Demonstrated experience in the successful interaction with high level stakeholders in the scientific/technical international environment;</li> <li>- International experience would be an advantage.</li> </ul>
People management experience	At least 10 years
Social skills	<p>Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit</p> <p>Previous experience of project or program management in the nuclear field, with supervisory responsibilities with regard to safety and site security.</p>
General skills	<p>At least 10 years of high level and supervisory positions in major organizations, preferably in a scientific environment;</p> <p>Ability to provide effective leadership;</p> <p>Ability to motivate and develop the team members' skills and experience.</p> <p>Ability to negotiate with influence and convince internal and external stakeholders.</p>
Languages	<p>Good working knowledge of spoken and written English is essential;</p> <p>Good working knowledge of spoken and written French would be an advantage in order to have direct interaction with the French Nuclear Authority and related documentation.</p> <p>English (Working)</p> <p>French (Working)</p>
Specific skills	MS Office standard (Word, Excel, PowerPoint, Outlook)
Others	Computer and IT skills consistent with managing a complex developmental project.

# IO1533 Project Analyst TCWS-027

## General information

Job category	Standard
Status	Published
Department	DIP/Directorate for Plant System Engineering
Division	PSE/Plant Engineering Division
Section	PSE/ PED/ Cooling Water System Section

## Job description

Main job	Project Management - Scheduling
Title of the position	Project Analyst TCWS-027
Job family	Coordinating Technician
Grade	G5
Direct employment	Required [Job offer for 3 year contract]
Purpose	<p>To contribute to increasing the effectiveness of Tokamak Cooling Water System (TCWS) team and the efficiency by planning, developing, and administering activities and policies;</p> <p>To cover several broad functional fields and/or key contracts by analyzing areas of concern and presenting feasible alternatives and recommendations based on thorough research and analyses;</p> <p>To contribute to the successful construction of the TCWS piping subsystem;</p> <p>To assist in the overall Project Management aspects of the TCWS project.</p>
Main duties / Responsibilities	<p>Collects, compiles, assembles, and analyzes data for financial and technical documents;</p> <p>Supports the evaluation of and advice on the organization, methods, and procedures for providing administrative support systems such as records, communications, directives, forms, files, and documentation;</p> <p>Supports the TCWS Project Manager in preparing the Detailed Work Schedule (DWS), the Annual Work Plan (AWP), the specific plans for the Final Design of Tokamak Cooling Water Systems (TCWS) and the Procurement and Preassembly of the TCWS piping;</p> <p>Prepares and updates the resources loading in TCWS as associated to the time schedule of the relevant activities;</p> <p>Formulates budget and cost estimates to support plans, programs, and activities;</p> <p>Evaluates and analyzes various tenders and makes recommendations for contract awards;</p> <p>Assists in the evaluation of various engineering contracts and monitors their performance;</p> <p>Analyzes and offers recommendations concerning the costs and benefits of alternative methods;</p> <p>Analyzes and evaluates (on a quantitative and/or qualitative basis) risk and proposes risk management strategies;</p> <p>Performs other duties in support of the project schedule as described in the Detailed Work Schedule and the Strategic Management Plan;</p> <p>Performs other duties 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>Direct Supervisor and Interfaces</p> <p>Under the supervision of the TCWS Project Manager, reports to the Cooling Water System Section Leader;</p> <p>Acts as an interface with other internal and external resources for the design of the Cooling Water System components;</p> <p>In response to requests from the Director-General and/or Plant System Engineering (PSE) Directorate Director, or proactively, informs the DG/ PSE Directorate Director 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.</p> <p>Ensures an effective follow-up and monitoring of schedule &amp; cost management activities of the centralized piping system;</p>

Measures of effectiveness	<p>Implements project management techniques/methods for the monitoring of the centralized piping system;</p> <p>Develops regular reports within requested schedule;</p> <p>Contributes to developing and maintaining project plans, milestones, change control and risk plans.</p> <p>Project Construction Phase</p>
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## Applicant criteria

Level of study	Bachelor or equivalent degree
Diploma	Business Admin, Project/Construction Management
Level of experience	At least 7 years
Technical experience	<p>At least 7 years' experience in the project management of the construction of a large program preferably in an international environment;</p> <p>Experience preparing PowerPoint presentations and technical documents;</p> <p>Experience for the preparation of complex work plan and resource loading and Earned Value Management is an advantage;</p> <p>Basic experience in analyzing data, drafting memoranda and technical papers, and contributing to procurement procedures for construction contracts;</p> <p>First Project Management experience, including cost estimating, earned value, and risk management is required.</p>
Project experience	1 to 2 years
Social skills	<p>Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit, Ability to communicate effectively, Proactive, Ability to effectively multi-task, Good planning and organisational skills</p> <p>Ability to work autonomously with minimal supervision.</p>
General skills	<p>Diploma/Know-how:</p> <p>Basic knowledge of financial and budgeting practices, preferably in a large organization;</p> <p>Basic knowledge of construction management, contract management, cost estimation, and scheduling is an advantage;</p> <p>Project Management Professional credential is considered a distinct advantage.</p>
Languages	<p>Computer and IT skills:</p> <p>Experience using Document Control and SharePoint software is appreciated;</p> <p>Good knowledge of PRIMAVERA software shall be a requirement.</p> <p>English (Working)</p>
Specific skills	MS Office standard (Word, Excel, PowerPoint, Outlook), Primavera, Sharepoint