

ITER 국제기구 공모 직위 직무기술서 (제209차)

○ 2개 직위

구분	분야	소속	직위	Job No.	등급
①	중앙통합 (CIO)	Central Integration Office Configuration Management Division	Configuration Management Section Leader	CIO-150	P5
②	토카막 엔지니어링 (TED)	Internal Components Division Blanket Section	Blanket Coordination Engineer	TED-120	P4

IO1868 Configuration Management Section Leader - CIO-150

General information

Job category	Standard
Status	Published
Department	CIO/ Central Integration Office
Division	CIO / Configuration Management Division

Job description

Main job	Engineering - Design
Title of the position	Configuration Management Section Leader - CIO-150
Job family	Section Leader
Grade	P5
Direct employment	Required
Purpose	<p>To provide leadership for all activities related to the Configuration Management, Design Control and Identification and Control of Items processes;</p> <p>To support the Head of the Configuration Management Division in all matters related to those processes;</p> <p>To support the DDG Chief Operating officer in his function of Configuration Control Board Level II Chair.</p> <p>-Provides effective leadership for the Section ensuring a clear definition of the roles and responsibilities, control of the scope, budget and schedule in accordance to the section missions and agreed objectives;</p> <p>-Manages the Configuration Management Process ensuring that the governing procedures are issued and correctly applied, that the project information are kept up-to-date, that any changes to them are assessed and authorised at appropriate level and manages the activities related to the implementation and deployment of the Product Lifecycle Management (PLM) software in ITER;</p> <p>-Manages the Design Control and Identification and Control of Items processes ensuring that the governing procedures are issued and correctly applied;</p> <p>-Ensures that any technical issues identified in design reviews is recorded, reported to the appropriate management level and the agreed resolution plans are implemented;</p> <p>-Collaborates closely with the Safety Department to ensure that the technical baseline is in agreement with licensing baseline;</p> <p>-In collaboration with the Quality Assurance and Assessment (QAA) Division, organizes, prepares and executes assessment of the processes of his/her competence to ensure that these are correctly executed and identifies and reports non conformances with respect to the applicable processes and standards, and performs root cause analysis to prevent recurring errors;</p> <p>-Is responsible for controlling and mitigating any major technical risks related to processes of his/her competence that could affect performances of the project or its integrated master schedule;</p> <p>-Provides regular reports to the Division Head, Central Integration Office Head and to senior management on the status of the execution of the processes under his/her responsibility;</p> <p>-Executes and delivers the Detailed Work Schedule in support of the Strategic Management Plan for scope budget and schedule of the systems in the Section and contributes to the staffing of the Section;</p>
Main duties / Responsibilities	<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 and external stakeholders;</p> <p>-Implements the technical control of the Protection Important Activities, as well as their propagation to the entire supply chain;</p> <p>-Performs other duties in support of the project schedule;</p> <p>-May be requested to be part of any of the project/construction teams and perform other duties;</p> <p>-Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics;</p>

Measures of effectiveness	<ul style="list-style-type: none"> -May be required to work outside normal working hours, including nights, weekends and public holidays. -Reports to the Configuration Management Division Head; -In response to requests from the Director-General and/or Central Integration Office (CIO) Head, 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. -Builds-up and manages efficiently the section team ensuring team members are motivated and constantly developing their skills and experience; -Ensures that the processes and tools for Configuration management and design control are established and applied through the ITER Organization; -Ensures that the project baseline is established, managed and controlled in accordance with the Configuration Management Implementation Plan and is kept up-to-date; -Maintains effective communications on the processes of his/her competence with the staff of other ITER Departments and of the Domestic Agencies; -Responsible for Section deliverables that meet safety standards, quality schedule and cost requirements; -Responsible for implementation of safety nuclear regulation and other safety standards of the section's work; -Responsible for adherence to technical standards.
	<p>Project Construction Phase SAP Id: 50000677</p>

Applicant criteria

Technical experience/knowledge	Level of study	At least Master's Degree or equivalent
	Diploma	Nuclear, System Engineering or other
	Level of experience	At least 10 years
		<ul style="list-style-type: none"> -Extensive experience in similar jobs (involving similar work responsibilities) and/or additional training certificates in relevant domains may be considered a reasonable substitute for the required educational degree.
		<ul style="list-style-type: none"> -At least 10 years' experience in the application and/or management of Configuration Management in complex engineering projects, likely in international environment; -At least 10 years' experience in the field of design control and use of Systems Engineering Standards in nuclear/fusion projects, or equivalent complex projects ; -Excellent familiarity in the use of configuration management tools (PLM) in complex engineering / construction programs; -Experience in the construction and commissioning of nuclear/fusion facilities and in the Quality Assurance and nuclear quality standards implementation; -Extensive experience in similar jobs involving similar work responsibilities.
	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	<ul style="list-style-type: none"> -At least 5 years' experience in supervising a team; -Ability to provide effective leadership; -Ability to motivate and develop the team members' skills and experience. -Ability to negotiate with influence and convince internal and external stakeholders.
Others	Languages	English (Fluent)
		<ul style="list-style-type: none"> -The computer skills shall be consistent with the need of interacting with IT developers for the development of software and databases (such as a PLM system): in particular this requires the capability to analyse the work processes, and control the user requirements and specifications for the IT team, accepting the software and providing feedbacks.

IO1869 Blanket Coordination Engineer - TED-120

General information

Job category	Standard
Status	Published
Department	TED / Tokamak Engineering Department
Division	TED / Internal Components Division
Section	TED / INC / Blanket Section

Job description

Main job	Engineering - Mechanics
Title of the position	Blanket Coordination Engineer - TED-120
Job family	Coordinating Engineer
Grade	P4
Direct employment	Not required
Purpose	<p>To coordinate the overall design, procurement, assembly, commissioning and installation activities of the different Blanket components in line with the given interface, scope, budget and schedule requirements.</p> <ul style="list-style-type: none">-Coordinates the design, specification, procurement, assembly, commissioning and installation of the Blanket components and ensures optimum cost/benefit of the proposed design solutions;-Is responsible for overseeing and managing all technical aspects of these components, developing detail implementation plan for all work, and monitoring and controlling costs and schedules for all Blanket activities;-Leads Blanket Task Forces/Working Groups on an ad hoc basis, as needed to converge on design solutions;-Interfaces effectively with the ITER Domestic Agencies responsible for procurement;-Is responsible for defining and coordinating the interfaces with other systems; works closely with Integration and Interfacing Systems to resolve design interface issues in an efficient way;-Identifies and prioritizes R&D required to solve design issues; develops technical specifications and follows up on contract as needed;-Supervises the preparation of Blanket technical documents;
Main duties / Responsibilities	<ul style="list-style-type: none">-Interfaces with Design office on CATIA models and provide technical approval of CAD drawings;-Develops and follow up the logistic aspect of the Blanket procurement, including receptions of components on site, on-site acceptance test, on-site storage prior to assembly, radwaste lifecycle;-Follows up on the Quality Assurance (QA)/Quality Control (QC) of the Blanket documentation and Blanket procurement;-May be required to work outside normal working hours, including nights, weekends and public holidays;-Performs other duties in support of the project schedule;-May be requested to be part of any of the project/construction teams and to perform other duties;-Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics. <p>Special notice: May be requested to work on beryllium-containing components. In this case, the Blanket Coordinator Engineer will be required to follow the established ITER Beryllium Management Program for working safely with beryllium. Training and support will be provided by the ITER Organization;</p> <ul style="list-style-type: none">-Reports to Blanket Section Leader;-Acts as an interface on a daily basis with members of the ITER Internal Components Division, ITER Organization as well as external organizations;-In response to requests from the Director-General and/or Tokamak Engineering Department (TED) Head, or proactively, informs the DG/TED Head of any important and urgent issues that cannot be handled by the concerned line management and may jeopardize the achievement of

Measures of effectiveness	<p>the Project's objectives.</p> <p>-Provides efficient and high quality results for the duties described above, as measured by: management and accommodation as needed of interface requirements; finalization of design of Blanket components or acceptance of design change request by balancing the manufacturing requirements with the need to maintain the scope or functional requirements of these components; successfully incorporating assembly and remote handling requirements in the design of these component; progress in the contract and procurement activities according to the given schedule and cost;</p> <p>-Maintains a good collaborative attitude with all members of the TED Department.</p> <p>Project Construction Phase SAP ID : 50000176</p>
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Applicant criteria

Level of study	Master or equivalent degree
Diploma	Mechanical Engineering or other relevant field
Level of experience	At least 10 years
Technical experience/knowledge	<p>-At least 10 years' experience in design and fabrication of complex mechanical systems;</p> <p>-Basic Project Management experience is required;</p> <p>-Experience a in large multidisciplinary project is considered as an advantage;</p> <p>-Extensive experience in similar jobs (involving similar work responsibilities) and/or additional training certificates in relevant domains may be considered a reasonable substitute for the required educational degree.</p>
Social skills	Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit
General skills	-Viewing capability of CATIA V5 CAD models is considered as a major asset.
Languages	English (Fluent)
Specific skills	CATIA