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## JOB DETAIL

Ref. IO2062 - 12/18/2018

### Central Integration Office Head CIO-001

**Main job** Executive Management

**Department** CIO/ Central Integration Office

**Job Family** Head of office

**Application Deadline**  
(MM/DD/YYYY) 01/31/2019

**Grade** D1

**Direct employment** Required

**Purpose** The Central Integration Office supports the ITER Organization (IO) Director-General (DG) in his responsibility of integrator of the whole project and of nuclear operator. The CIO has the mission to assure design control, configuration management, requirements propagation, physical and functional integration, and documents and records, which are delegated by the DG. The Head of CIO is responsible for the design integration of the entire ITER tokamak and plant systems and for the implementation of those delegated authorities throughout the project, in collaboration with the Deputy Director General / Chief Operating Officer (DDG/COO).

Please copy/paste the following link in your web browser <http://static.iter.org/hr/CIO-001.pdf> in order to access to detailed duties and responsibilities listed below:

**Main duties /  
Responsibilities**

- Tokamak and plant integration
- Is in charge of Functional Analysis to assure functional integration among Clients and Systems and Suppliers in the time domain; and others.
- Design control, configuration management and document management
- Is responsible for the development and implementation of processes and procedures required for design control, especially for the reinforcement of gate reviews during the full project lifecycle; and others.
- Change and issues management
- Is responsible for the development and implementation of processes and procedures required for change management and issue management; and others.
- Interface management
- Is responsible for the development and implementation of processes and procedures required for interfaces management (interfaces sheets, interfaces definition document, interface control document); and others.
- Requirement management
- Is responsible for the Project Requirements (PR) propagation through the systems (systems requirements) and the layout (transverse requirements); and others.
- Equipment qualification
- Shall define the overall strategy (organization, methods, procedure, roles & responsibilities) for the equipment qualification in view of qualifying all ITER safety related active equipments; and others.
- Project control support
- Supports the Project Control Office (PCO) in ensuring work delivery consistent with the budget of the Office and manages the staffing of the Department; and others.
- Management
- Is responsible for providing proper staff training ensuring that the required processes can be used by them to maximize human capital and people's commitment to achieving the IO goals; and others.

Presently, supervises also the all IT activities and services within the ITER Project, as well as the Engineering/Materials/Nuclear Analysis. These (not limited) could be subject to change according to the evolving Project needs.

**Measures of  
effectiveness**

- Reports to the DG as direct line manager;
- Interacts closely with the Deputy Director General / Chief Operating Officer (DDG/COO) in his coordinating role of the global systems integration, construction and assembling in regards with the activities of the IO-CT technical departments, Project Teams and DA's.
- Establishes efficient processes and procedures required for the design control, configuration management, computer code and model development, and documents and records;
- Provides proper training to the CIO staff;
- Coordinates efficiently, at the project level, the control of

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the design integration and configuration management, the systems engineering, computer code, engineering models and the technical documentation of the project which should ultimately include up-to-date as-built drawings of the entire machine;

- Manages effectively the line management of the Office and the achievement of their performance targets;
- Maintains effective communication with all IO units and other stakeholders;
- Responsible for Office deliverables that meet safety standards, quality schedule and cost requirements;
- Responsible for implementation of nuclear safety regulations and other safety standards of the IO's work;
- Manages effectively Integrated Functional Analysis correlating systems/clients and suppliers;
- Responsible for adherence to technical standards.

SAP ID: 50003429

<b>Level of study</b>	Master or higher degree
<b>Diploma</b>	nuclear engineering, engineering
<b>Level of experience</b>	At least 20 years
<b>Technical experience/knowledge</b>	<p>– Excellent knowledge of systems engineering, configuration management, quality management, nuclear codes and standards.</p> <p>– At least 20 years' exp. in program management in an engineering / construction projects, with supervisory responsibilities;</p> <p>– Strong experience in Functional Analysis (top/bottom up approach) in the time domain for Mechanical/Electrical/HVAC and Instrumentation &amp; Control (I&amp;C) systems;</p> <p>– Demonstrated experience in systems turn over and commissioning according to the Functional Analysis Procedures;</p> <p>– Demonstrated experience in the successful implementation of integration programs in a large construction project related to nuclear/fusion or excellent familiarity with complex construction programs is required;</p> <p>– Experience in quality management and high level nuclear quality standards implementation;</p> <p>– Demonstrated experience in the successful interaction with high level stakeholders in the scientific/technical international environment is required.</p>
<b>People management experience</b>	At least 15 years
<b>Social skills</b>	<p>Ability to work effectively in a multi-cultural environment</p> <p>Ability to work in a team and to promote team spirit</p>
<b>Specific skills</b>	MS Office standard (Word, Excel, PowerPoint, Outlook)
<b>General skills</b>	<p>– At least 15 years of high level and supervisory positions in major organizations in a scientific or construction environment;</p> <p>– Ability to provide effective leadership;</p> <p>– Ability to motivate and develop the team members' skills and experience.</p> <p>• Collaborate: Ability to facilitate dialogue with a wide variety of contributors and stakeholders;</p> <p>• Communicate Effectively: Ability to adjust communication content and style to deliver messages to work effectively in a multi-cultural environment;</p> <p>• Drive results: Ability to persist in the face of challenges to meet deadlines with high standards;</p> <p>• Manage Complexity: Ability to analyze multiple and diverse sources of information to define problems accurately before moving to proposals/solutions;.</p> <p>• Instill trust: Ability to model high standards of team mindset, trust, excellence, loyalty and integrity.</p>
<b>Others</b>	– Computer and IT skills consistent with managing a complex one-of-kind technical project.
<b>Languages</b>	English (Fluent)

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