

Job Title: Nuclear Building Area Manager CIO-030

Req ID 840 - Posted 12/10/2019 - (France, 13067 St Paul Lez Duranc) - Nuclear Building Engineering - New Posting

The ITER Organization brings together people from all over the world to be part of a thrilling human adventure in southern France—building the ITER Tokamak. We require the best people in every domain.

We offer challenging full time assignments in a wide range of areas and encourage applications from candidates with all levels of experience, from recent graduates to experienced professionals. Applications from under-represented ITER Members and from female candidates are strongly encouraged as the ITER Organization supports diversity and gender equality in the workplace.

Our working environment is truly multi-cultural, with 29 different nationalities represented among staff. The ITER Organization Code of Conduct gives guidance in matters of professional ethics to all staff and serves as reference for the public with regards to the standards of conduct that third parties are entitled to expect when dealing with the ITER Organization.

The south of France is blessed with a very privileged living environment and a mild and sunny climate. The ITER Project is based in Saint Paul-lez-Durance, located between the southern Alps and the Mediterranean Sea—an area offering every conceivable sporting, leisure and cultural opportunity.

Application deadline: 24/11/2019

Domain: Engineering

Department: Central Integration Office

Division: Physical & Functional Integration

Section: Design Integration

Job Family: Project Engineering

Job Role: Coordinating Engineer

Job Grade: P4

Language requirements: Fluent in English (written & spoken)

Contract duration: Up to 5 years

Purpose

As the Area Manager, you will manage the layout of all systems and structures in nuclear buildings on the ITER site.

You will lead resolutions of layout problems and involve the responsible officers and engineers of the affected systems and structures.

You will coordinate conceptual design activities in an integrated manner, in order to implement transverse safety and technical functions/requirements and define priorities for the execution of associated work.

Major Duties/Roles & Responsibilities

- Controls the production of layout drawings and models and manages the configuration of structures, system and components (SSC) in specific areas of the ITER Nuclear buildings throughout the design, construction, installation and commissioning phases;
- Assesses the status of both configurations and interfaces of all systems and structures up to the delivery of the building & system in the area;
- Checks that all operational, installation and safety requirements are implemented/validated and coordinates any actions to resolve interface issues between systems;
- Produces and maintains interface documentation;
- Coordinates the assessment and disposition of design change requests, deviation requests, non-conformance reports, ensuring the prompt implementation of the required changes, recovery actions and mitigation solutions in the overall layout on the basis of Common Assembly Sequence;

- Plans and manages the Design Integration Reviews (DIR) to monitor and accelerate the resolution of interface issues;
- Tracks and ensures the timely closure of actions raised during the Manufacturing Readiness Review (MRR) and post MRR of the plant systems construction phase;
- Reviews models and drawings from Domestic Agencies and/or suppliers;
- Supports the development and management of integrated design/construction solutions for the implementation of transverse functions/requirements according to schedule of the area's final design phase;
- Collaborates with Configuration Management Division within the Central Integration Office (CIO) to properly control the configuration and the Design of the responsible areas(s);
- May be requested to be part of any of the project/construction teams and to perform other duties in support of the project;
- May be required to work outside ITER Organization reference working hours, including nights, weekends and public holidays.

Measures of Effectiveness

- Adheres to the design and construction schedule;
- Timely and accurately implements the changes affecting the layout of system in the associated areas;
- Timely and accurately reports on the status of the configuration;
- Develops and maintains good interfaces and collaboration with safety, construction and engineering staff;
- Develops and maintains efficient and continuous interfaces with all stakeholders and ensures that documentation is kept up-to-date.

Experience & Profile

- *Professional Experience:*
 - At least 10 years' experience in the design, procurement and installation of nuclear systems, structure or components in complex construction management.
- *Education:*
 - Master's degree or equivalent in Engineering with a preference for civil and plant engineering;
 - The required education degree may be substituted by extensive professional experience involving similar work responsibilities and/or additional training certificates in relevant domains.
- *Language requirements:*
 - Fluent in English (written and spoken).
- *Technical Competencies in:*
 - Applying codes and standards, nuclear quality assurance, safety regulations applicable to the design and layout definition of buildings, plant system mechanical support, definition of conduits and cable trays, HVAC ductwork, piping, platforms, etc.;
 - The management of design and construction teams, development of detail work schedules, monitoring the status of the project and generating effective reports on of the work.;
 - Coordinating design activities being proficient in CAD design tools (e.g. PDMS, CATIA);
 - Managing issues and change/deviation requests and providing appropriate solutions.
- *Behavioral Competencies:*
 - Collaborate: Ability to dialogue with a wide variety of contributors and stakeholders;
 - Communicate Effectively: Ability to adjust communication content and style to deliver messages to work effectively in a multi-cultural environment;

- Drive results: Ability to persist in the face of challenges to meet deadlines with high standards;
- Manage Complexity: Ability to analyze multiple and diverse sources of information to define problems accurately before moving to proposals/solutions;

Instill trust: Ability to model high standards of team mindset, trust, excellence, loyalty and integrity.

The following important information shall apply to all jobs at ITER Organization:

- Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, ITER Values (Trust; Loyalty; Integrity; Excellence; Team mind set; Diversity and Inclusiveness) and Code of Conduct;
- ITER Core technical competencies of 1) Nuclear Safety, environment, radioprotection and pressured equipment 2) Occupational Health, safety & security 3) Quality assurance processes. Knowledge of these competencies may be acquired through on-board training at basic understanding level for all ITER staff members;
- Implements the technical control of the Protection Important Activities, as well as their propagation to the entire supply chain;
- May be requested to work on beryllium-containing components. In this case, you 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;
- May be requested to be part of any of the project/construction teams and to perform other duties in support of the project;
- Informs the IO Director-General, Domain Head, or Department/Office Head of any important and urgent issues that cannot be handled by line management and that may jeopardize the achievement of the Project's objectives.