

# Job Title: Building Auxiliaries and Mechanical Group Leader IO0074

Requisition ID **6905** - Posted - (France, 13067 St Paul Lez Durance Cedex) - **Construction and Installation - 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.

ITER Organization (IO) is an Equal Opportunity/Inclusive organization committed to diversity in the workplace, with diversity and Inclusiveness being one of the ITER Values.

As IO attracts and retains people coming from a vast array of different backgrounds and cultures, bias and exclusion cannot be tolerated. IO believes it is our diverse perspectives and backgrounds that gives unique strength and value to the ITER mission, regardless of race, member nation, gender, religion, status, sexual orientation, or disability - all are welcome and respected at ITER.

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 a 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.

To see why ITER is a great place to work, please look at this video

**Application deadline:** 09/04/2023

**Domain:** Construction Domain

**Department:** Construction Management Office

**Section:** Building & Civil Works Section

**Group:** Building Auxiliaries and Mechanical

**Job Family:** Line Management and Group Leaders

**Job Role:** Group Leader

**Job Grade:** P4

**Language requirements:** Fluent in English (written & spoken)

**Contract duration:** Up to 5 years

## Purpose

In this role, you will support the Construction (CNST) Domain and Construction Management Office (CMO) Department in all matters related to the design and construction of the ITER Site and Buildings. This includes managing the Building Auxiliaries and Mechanical Group team members, and being part of the Buildings, Site Infrastructure and Power Supplies project team (BIPS-PT), comprised of ITER Organization (IO) and Fusion for Energy (F4E) stakeholders.

As part of the Board of the BIPS-PT, you have a lead role in the BIPS Team for managing the requirements definition, design, procurement, construction, commissioning and handover of the assigned scope. This

role is key for all compliance within the defined Nuclear Safety, IO end user, and other quality requirements in accordance with the budget and schedule of the ITER Site and Buildings.

Additionally, you will liaise with F4E, IO departments, and technical stakeholders in matters relating to the ITER Site and Building, reporting progress to the Heads of CNST/CMO and BIPS-PT.

## **Background**

*The Building and Civil Works (BCW) Section reports to the Construction Management Office (CMO, part of the CNST Domain of the ITER project. The BCW Section has overall responsibility for delivery of the ITER Site and Buildings of which 90% will be delivered by the European Domestic Agency (DA) partners. In addition, all of the BCW team members are assigned to the joint Project Team with the EU-DA partners to deliver the ITER Site and Buildings scope.*

## **Key Duties, Scope, and Level of Accountability**

- Provides effective leadership for the Group, ensuring team members are performing their assigned activities, are motivated and constantly developing their own skills and experience for the benefit of themselves and ITER Organization (IO);
- Manages the human, technical, and financial resources within the Building Auxiliaries and Mechanical Group (BAM), including leadership and guidance in the area of functional and technical interface management;
- Technical Responsible Officer (TRO) and Contract Responsible Officer (CRO), including procurement of deliverables, for the mechanical equipment, with focus on handling, lifting equipment, and doors disciplines and Plant Breakdown Structure(s) (PBS);
- Maintains and updates all baseline documentation relating to Handling, Lifting Equipment and Doors PBS scope, including the implementation of technical documents, policies, procedures and work instructions focusing on French regulatory requirements relating to Basic Nuclear Installations, in particular the application of the ITER Quality Assurance (QA) systems with F4E, and their external contractors;;
- Oversees the work being carried out by F4E and their contractors in the field of design and construction of the Buildings Mechanical scope;
- Oversees and manages the close-out / completion (including remaining Design, Installation, Testing, Commissioning, Taking Over and As-Built) of the Tokamak Complex and Auxiliary Buildings mechanical systems;
- Manages change control for the Handling, Lifting Equipment and Doors PBS scope, including design changes, costs, schedules, and variances, risk identification, and risk mitigation solutions;
- Implements ITER safety program on the construction site, including, Handling, Lifting Equipment and Doors PBS scope throughout the site;
- May be required to work outside ITER Organization reference working hours, including nights, weekends and public holidays.

## **Measures of Effectiveness**

- Coordinates the Group activities effectively to meet deadlines and deliver work that meets safety standards, quality, schedule and cost requirements;
- Defines interfaces between the Mechanical Systems: Handling, Lifting Equipment and Doors PBS scope for Buildings and other systems;
- Manages interfaces between IO and F4E (including their Architect Engineer and Contractors), as well as with IO direct Contractors;
- Completes procurement activities within the defined costs and schedule;
- Meets safety, quality, schedule, and cost requirements for Mechanical Systems deliverables;
- Implements safety nuclear regulations and other safety standards of the work;

## **Experience & Profile**

- ***Professional Experience:***

- Minimum 10 years' experience in technical interface management in building(s) construction within complex international environments or projects.
- **Education:**
  - Master's Degree or equivalent in the construction or mechanical engineering field or other relevant discipline;
  - 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 and demonstrated experience in:**
  - Management of technically complex systems in construction of large power, nuclear, science or chemical plant facilities;
  - Quality Management: knowledge and implementation of product and/or management requirements for international quality standards, methods, and practices;
  - Project management: planning, measuring progress, managing risks and costs, and reporting on progress to manage programs or initiatives within the constraints of human and financial constraints;
  - Contract, and procurement, management and execution: define needs and requirements, perform sourcing activities, and manage delivery including managing external parties to ensure implementation according to contractual agreements;
  - Problem solving: assess problems, identify root causes, and reach practical solutions in a consistent way to reach project objectives;
  - Interface management: identify, maintain, and / or resolve technical and functional interfaces to reach Project goals;
  - Engineering Database applications as applied to construction projects;
  - Knowledge of permitting procedures and legal environments in Europe is considered advantageous;
  - Nuclear handling equipment is considered advantageous.
- **Behavioral Competencies:**
  - Collaborate: Ability to facilitate 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 understand/define problems accurately before moving to proposals;
  - Instill trust: Ability to apply high standards of team mindset, trust, excellence, loyalty and integrity.
- **Additional Behavioral Competencies:**
  - Directs work: provide direction, coordinate activities, delegate, and remove obstacles to move work forward.

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***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 (Knowledge of these competencies may be acquired through on-board training at basic understanding level for all ITER staff members) :
  - 1) Nuclear Safety, Environment, Radioprotection and Pressured Equipment
  - 2) Occupational Health, Safety & Security
  - 3) Quality Assurance Processes

- 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.
- For staff expected to perform on-call, shift hours, or other work outside ITER Organization reference working hours, including nights, weekends, and public holidays, the possession of a driving license valid in France is required. No commuting vehicle will be provided by the ITER Organization.