

# Job Title: Construction Responsible Officer IO0316

Requisition ID **3460** - Posted **18/01/2021** - (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.

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:** 28/02/2021

**Domain:** Construction

**Department:** Construction Management Office

**Section:** Site Planning and Coordination

**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**

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As a Construction Responsible Officer, you will develop a strategy to ensure the overall progress and integration of ITER plant construction, by identifying any possible technical, operational, managerial and/or contractual issues with relevant stakeholders. You will aim to proactively interact and resolve these issues and register them in a logical manner by using ad-hoc tools.

Communicating efficiently with the different stakeholders, you will develop recommendations, priority management and recovery plans based on root-cause analysis with impact assessment of multiple options, and escalate issues and resolution plans when necessary to ensure that milestones are achieved.

## **Background**

Within the ITER Construction [CNST] Domain, the Site Planning and Coordination Section (SPC) is in charge of providing transversal support to construction works, pre-commissioning operations and site acceptance tests. SPC supports the Machine and Plant Construction Departments by providing necessary transverse services to the contractors on site, working closely with the Construction Management as Agent (CMA) to integrate the Plant Construction activities with the ones occurring on the rest of the site and preparing the transfer of the Mechanical Completion Dossiers to the relevant entities in charge of commissioning and operation.

## **Major Duties/Roles & Responsibilities**

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- Develops strategy that includes planning, integration and coordination of coordinates in terms of the middle and long term construction activities of various stakeholders, whilst considering the needs for

- future modifications or potential reworks linked to changes;
- Leads the implementation of the strategy with key stakeholders involved;
- Continuously anticipates, plans and adapts for any issues which may cause a delay to the schedule and completion process and subsequently, manages these issues appropriately, by defining, implementing and executing suitable action plans with the relevant stakeholders;
- Manages surveillance (as per French Safety order for nuclear installation) on the Protection Important Activities (PIA), as well as the propagation of the associated requirements to the entire supply chain;
- Coordinates activities handled by the CMA team, managing multiple entities and interfaces during Plant Construction (including the preparation of non-permanent works and their sequencing);
- Manages all the follow-up initiatives after mechanical completion, ensuring that the works punch lists are managed up to acceptance;
- Takes strong leadership to produce the completion process supporting documentation (in charge of SPC), organizes all associated necessary meetings and prepares records;
- Tracks the progress and monitors issue resolution and proactively provides any necessary support and creative solutions to the SPC Section Leader in resolving high-level issues, including contract related matters;
- Identifies any potential risks associated with the sequence of works and implementation of the recovery plans, and communicates accordingly on these for resolutions with the necessary stakeholders;
- Acts as the key point of contact for the different stakeholders involved in the completion process of a given system, including processes, tools and methods;
- Develops and maintains Management Quality Program documentation for the scope of responsibilities;
- May be requested to be part of any of the project teams and to perform other duties in support of the project;
- May be required to work outside ITER Organization reference working hours, including nights, week-ends and public holidays.

### Measure of Effectiveness

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- Strong effective strategy developed, approved and implemented, with concrete implementation plan considering robust planning, integration and coordination of different stakeholders, interfaces and contractual matters;
- Builds and maintains strong relationships with internal and external stakeholders;
- Shares best practices and lessons learned from issues' resolution throughout the entire Project;
- Develops a complete register of issues sorted out applying the defined methodology and utilizing main project management tools (PLM, SmartPlant etc.) and data bases;
- Resolves outstanding issues in the scope of Construction Activities within the defined cost and schedule;
- Successfully delivers by driving a smooth flow of supply chain processes and complete alignment across projects, ensuring conformance with technical, quality, and contractual requirements, IO policies and budget constraints;
- Ensures that all necessary documentation is completed and kept up to date;
- Timely applies the completion processes and meets the foreseen milestones required for the transfer to commissioning and operation.

### Experience & Profile

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- **Professional Experience:**
  - At least 10 years' experience in the field of Construction or Project Management, including stakeholder management / integration at an international level, within a multicultural environment and complex governance structure.
- **Education:**
  - Master's degree or equivalent in Civil Engineering, or Mechanical / Electrical Engineering, or other related discipline;
  - A certification in Project Management or Contract Management would be advantageous;

- 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:**
  - **Project Control and Reporting (Measuring progress of project work, managing risks and reporting on progress):**
    - Coordination and Supervision of the activities of various stakeholders, from start of the activities to completion and pre-commissioning;
    - Regular use of construction / project management tools (specific knowledge of PLM or SmartPlant is advantageous).
  - **Systems Engineering (change control, interface control):**
    - Understanding of Systems Engineering in a highly regulated environment, preferably nuclear with safety requirements;
  - **Implementation of nuclear quality assurance program, safety regulations, codes and standards;**
  - **Problem Solving (Assessing problems, identifying root causes and reaching practical solutions in a consistent way to reach project objectives):**
    - Extensive experience in managing transverse activities or contracts on a large international project;
  - **Planning (define scopes of work, duration, sequencing, risk and planning for change management).**
- **Behavioral Competencies:**
  - Communicate Effectively: Ability to adjust communication content and style to deliver messages to work effectively in a multi-cultural environment; ability to provide clear and concise direction;
  - Be flexible, involved and collaborate: Ability to dialogue and negotiate with a wide variety of contributors and stakeholders, and to provide the required support when needed;
  - Manage Complexity: Ability to gather multiple and diverse sources of information to understand problems accurately before moving to proposals/solutions;
  - Drive results: Ability to persist in the face of challenges to meet deadlines with high standards;
  - Instill trust: Ability to model high standards of team mindset, trust, excellence, loyalty and integrity Organized and structured.

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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 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.