

Job Title: IT Engineering & Construction Officer IO0998

Requisition ID **4400** - Posted - (France, 13067 St Paul Lez Durance Cedex) - **Business Operations - 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: 05/09/2021

Domain: Corporate

Division: Information Technology

Job Family: Organizational Support

Job Role: Functional Officer - 2

Job Grade: P3

Language requirements: Fluent in English (written & spoken)

Contract duration: Up to 5 years

Purpose

As IT Engineering & Construction Officer, you will propose solutions and coordinate Information Technology (IT) projects to support the construction and engineering activities of the ITER Organization (IO).

Background

The IT Project Systems Group (ITPS), under the Information Technology Division (IT), is responsible for the administration, customization and support of all design & engineering systems, product lifecycle management (PLM) system, manufacturing support, construction & material management systems. Its goal is to provide primarily to users from the Engineering & Construction Domains and external collaborators with the strategic IT solutions to meet the challenging goals of the project by delivering efficient IT expertise, processes, solutions, resources and results tailored to IO's needs.

Major Duties/Roles & Responsibilities

- Leads, coordinates IT projects and supports activities for various tools in the areas of construction & engineering;
- Manages and monitors the IT technical activities delivered by service contracts with onsite and offshore resources;
- Gathers and defines technical requirements based on systems' analysis and users' requests, for an efficient development and implementation with least costs and schedule optimization;
- Manages the resolution of issues, requests, communication, and support strategy with external vendors (e.g Hexagon PPM);
- Participates in the day-to-day IT operation of engineering & construction tools;

- Contributes to the development and implementation of IT internal processes (ITIL, Prince II, etc.);
- Contributes to the cyber security implementation at ITER for the aforementioned scope of responsibilities;
- Interfaces with other IT teams and all other entities in IO especially from the technical departments;
- 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, week-ends and public holidays.

Measure of Effectiveness

- Manages simultaneously IT projects within agreed scope, cost and deadline;
- Resolves incidents, problems, user requests and requests for change within the defined timeline;
- Organizes the operation of IT solutions without service interruption;
- Collaborates effectively with various stakeholders and IT colleagues;
- Ensures high level of satisfaction from construction and engineering IT solutions customers.

Experience & Profile

- **Professional Experience:**
 - At least 8 years' experience in IT with solid experience in implementing and coordinating complex large software systems.
- **Education:**
 - Master degree or equivalent in the computing or other relevant discipline;
 - PRINCE2, ITIL or similar certification is 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 management (i.e. Prince 2), service management (i.e. ITIL) and IT administration, including identifying project issues and delays, taking corrective actions, implementing business analysis, requirements definition, change requests, etc.;
 - Enabling and ensuring systems design, software design, programming / software development, testing, user experience evaluation, system integration and build on large scale IT solutions (e.g. SmartPlant, PLM);
 - Leading & coordinating IT projects, and interacting with experts in many scientific or technical disciplines;
 - Interface management; identify, resolve and maintain technical and functional interfaces;
 - Ensuring availability management, configuration management, change management, release and deployment, capacity management, application support, and problem and incident management on complex distributed data management systems;
 - Writing technical specifications, monitoring contract, managing IT negotiation, relationship and customer service support;
 - SmartPlant Foundation (SPF), Smart Materials (SPMAT), 3DExperience (PLM), CATIA/ENOVIA, AVEVA E3D/Diagram/Instrumentation/Engineering/Global (or similar solutions) deployment, operation, configuration and customization;
 - Software engineering practices (e.g. configuration management, user requirements capturing, testing and validation, etc.) including agile software development methods;
 - Solid experience in data management and software development project management coordination.
- **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 problems accurately before moving to proposals;
- Instill trust: Ability to apply 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.