

## Job Title: Project Control Manager IO0559

Requisition ID **4740** - 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:** 14/11/2021

**Domain:** Corporate

**Department:** Project Control Office

**Section:** Engineering & Commissioning Project Control

**Job Family:** Project Support

**Job Role:** Project Coordinator – 2

**Job Grade:** P2

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

**Contract duration:** Up to 5 years

### **Purpose**

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In this role of Project Control Manager (PCM), you will provide support to the Project Manager (PM) with respect to the timely planning and execution of the Commissioning, Operations and Maintenance work scope for ITER systems according to the planned lifecycle schedule and at minimum cost. You will be managing the PCO directly assigned support team (cost, schedule, risk) in controlling execution, providing reports, analysis and proposed recovery plans for issue and risk management, cost and schedule performance, and in developing and maintaining the Performance Baseline according to MQP procedures;

### **Background**

*The Project Control Office (PCO), under Corporate Domain, is in charge of project control for the ITER Project within the constraints of the Overall Project Cost (OPC) and Overall Project*

*Schedule (OPS). PCO provides professional management of project control activities, such as planning, scheduling, monitoring, reporting and improving the project performance. PCO shall optimize project cost, resources and schedule, and provide early warning to areas needing focus. PCO shall also generate sufficient data and provide analysis for informed decision making by Senior Management. PCO therefore provides the project control systems, tools, procedure and training to Project Manager (PM) for enhancing their capability in planning, scheduling and control of their scope of activities. The Project Control Manager is the PCO representative to the technical project management team assuring work execution of planned scope, within schedule and cost constraints according to PCO rules.*

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

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- Controls achievement of Baseline (scope, schedule and cost):
  - Supports the PM in the optimal execution of Commissioning and Operations works, providing recommendations for improvements and analysis on topics as required;
  - Ensures the development and proposal of schedule/cost/scope scenarios to address issues/mitigate risks to schedule or cost performance;
  - Produces project performance reports as required including but not limited to Earned Value Management, and contractual performance, collating input from cost, risk, and scheduling PCO team members, Technical Responsible Officers, Domestic Agencies (DAs) and suppliers;
  - Acts as the primary interface for project planning and execution with DAs, suppliers, engineering units, the Central Integration Office, Finance and Procurement Department, integrates their inputs for Commissioning and Operations work scope;
  - Provides input to the IO internal planning for budget, procurement, and recruitment for assigned org. units based on performance against Baseline and forecasts;
  - Supports the implementation of contract placement and execution including ensuring monitoring and management of engineering inputs necessary for procurement processes, specifically with respect to Baseline scope management/identification by contract.
- Maintains the Baseline:
  - Maintains the alignment of commissioning scope to the Machine configuration by plasma phase;
  - Maintains the Baseline to reflect the summary logic of agreed execution strategies and in compliance with the Baseline technical specification;
  - Implements the centrally defined work, coordinating the assigned project control team to develop the Operations Baseline;
  - Supports the development of the physical progress measurement method and documentation aimed at regularly statusing progress of works on the ITER site;
- Manages the maintenance of the Detailed Working Level Commissioning Schedule:
  - Ensures development, and follow up of countdown / detailed schedules for commissioning work scope by the assigned schedulers.
  - Ensures schedulers update the commissioning schedule as necessary to adjust to the Turnover to Operations (TOP) forecast from construction team, while still achieving project main goals.
- Provides information on system readiness:
  - Integrates information from central PCO provided forecasts for construction completion and availability of components, assesses their impact to the Commissioning schedule and proposes corrective actions if needed.

- Coordinates with System and Construction PCM to maintain the alignment of construction completion and component delivery batches to Commissioning need dates.
- 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

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- Independently identifies and proposes options and solutions to emerging schedule and cost risks and issues to the PM and PCO central team;
- Implements Project Change Requests (PCRs) in a timely fashion, consistent with IO Management and Quality Program (MQP) procedures;
- Ensures the timely placement and execution of contracts according to baseline and budget plans;
- Confirms accurate statuses of work execution is properly reflected into the master schedule on a monthly basis;
- Generates and maintains coherent, comprehensive and understandable documentation and reports;
- Efficiently coordinates the Project Controls support team for scheduling, cost estimating, risk & opportunity management and reporting assigned to Commissioning and Operations work scope.
- Interacts efficiently and professionally for all PM related activities with all internal and external stakeholders.

### Experience & Profile

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- **Professional Experience:**
  - Minimum 5 years' experience in project control in the field of large scale project controls and project management within complex international environments or projects, preferably in commissioning and start up works of complex systems.
- **Education:**
  - Master's degree or equivalent in project management or an engineering (Mechanical, electrical, nuclear, process etc.) field or other relevant discipline;
  - A professional certification in project management (PMP or similar) would be an advantage;
  - 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 within an engineering context, including procurement and contracts (writing technical specifications, planning and developing work packages, following up execution, measuring progress of project work, deliverables, managing risks/costs and reporting on progress);
  - Schedule Management: Developing, executing, monitoring and controlling project activities and project schedules, identifying alternatives and continuous improvements;

- Overall understanding of information systems generally being utilized for project management and control of large scale projects with direct working knowledge and experience of earned value management tools;
  - Demonstrated experience of using Oracle Primavera P6 for scheduling and controlling large multi-project environments.
  - Experience in using Deltek Cobra, cost estimating systems and databases or SAP is considered as an advantage.
  - **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.
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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.