

Senior Engineering Officer, Chief Engineer DIP-003

Main job	Generalist
Department	DIP/Department for ITER Project
Job Family	Specific jobs
Application Deadline	13/Nov/2011
Grade	P6/D1
Direct employment	Required
Purpose	To actively support the Deputy Director General (DDG), Director of the Department for ITER Project especially with respect to early completion and freezing of design of ITER components and systems with strong emphasis on cost control and schedule.
Main duties / Responsibilities	<p>Supports the Director of DIP for the following activities:</p> <ul style="list-style-type: none">• Develops, reviews, and validates ITER system design concepts with technical input from technical staff;• Proactively identifies critical issues and ensures their timely resolution and acts as trouble shooter in case of urgent problems;• Reports on all project relevant scope, schedule, and cost information including variances, in close relation with the Project Management Division;• Optimizes the methods of the implementation of the project's Quality Assurance (QA) program for ITER systems, in close relation with the Quality Assurance Division;• Actively supports machine assembly and installation;• Oversees the maintenance of required technical system documentation and keeps it up-to-date, in close relation with the Document Control Section;• Supports effective risk identification and management, in close relation with the Project Management Division;• Supports the configuration and change control process for ITER systems;• Supports integration with all technical interfaces;• Supports the management of the cost and/or schedule contingency;• Participates in planning, recruiting, selecting, and assessing project staff, trades, and vendors for the ITER Organization;• Supports the completion of Research & Development relevant to construction;• Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.

Measures of effectiveness	<p>Successfully supports the DDG, Director of Department for ITER Project in:</p> <ul style="list-style-type: none"> • Coordinating and integrating for the scope, cost and schedule for ITER systems; • Executing the scope, cost and schedule for ITER systems; • All matters related to the management of the ITER Technical Directorates; • Maintaining effective communication with all organizations interfacing with ITER; • Managing relations between the Department for ITER Project and external organizations; • Maintaining effective communication with all Domestic Agencies delivering ITER systems and components.
Level of study	Master or higher degree
Diploma	Engineering or a similar technical area.
Level of experience	20 years and more
Technical experience	<ul style="list-style-type: none"> – Professional experience having reached high level responsibilities in a major organization; – Engineering experience in the areas of nuclear fusion or a related field; – Experience in effective QA management and implementation; – Proven record of successful performance in managing and presenting sub-project or task scope, cost, and schedule; – Preferably long term experience in production engineering and in supervision of fusion or similar devices; – Outstanding ability and experience in managing large-scale high-technology construction projects, preferably in an international environment; – Ability to represent an international organization in dealing with other entities within the ITER Members.
Project experience	At least 10 years
Specific skills	<p>Computer Aided Design</p> <p>MS Office standard (Word, Excel, PowerPoint, Outlook)</p> <p>Numerical analysis packages</p>
General skills	<ul style="list-style-type: none"> – Demonstrated ability to lead and manage an interdisciplinary team; – Proven supervision skills at the operational level;

- Capability to read drawings, to image cost, technology, schedule, resources necessary for solving potential problems;
- Excellent organizational and coordination skills with the ability to set priorities and meet deadlines;
- Good communication skills and ability to meet project goals;
- Demonstrated ability to produce high quality results;
- Strong interpersonal skills and ability to work effectively in a multi-cultural environment;
- Ability to work in a team and to promote team work.

Languages English (Fluent)