

# IO1181 Central Engineering and Plant Director CEP 001

## General information

Job category	Standard
Status	Published
Department	DIP/Directorate for Central Engineering & Plant

## Job description

Main job	Executive Management - Executive Management
Title of the position	Central Engineering and Plant Director CEP 001
Job family	Director of Directorate
Grade	DDG/D1-D2
Direct employment	Required
Purpose	<p>To support the Director of Department for ITER Project and provide leadership in all matters related to the supporting plant infrastructure required for ITER. To manage central engineering support for electrical and mechanical engineering and lead the construction and installation workforce for the technical subsystems and plants. To manage scope, schedule, cost, risk and quality of all work related to major support plant systems and oversee interfaces to all other technical systems. To position ITER to be a facility and a research team with a leading, world-class fusion science program.</p>
Main duties / Responsibilities	<p>Supports the Director of Department for ITER Project (DIP) in all matters related to the supporting plant systems for ITER;</p> <p>Manages all project relevant to scope, schedule, cost, risk and quality and regularly reports to the Director of DIP;</p> <p>Provides effective leadership for heads of division and staff of the Directorate for Central Engineering and Plant (CEP) by ensuring managers and team members be motivated, and by constantly developing their skills and experience through close staff collaboration;</p> <p>Oversees the interfaces between the ITER Organization and the Domestic Agency Leaders related to the tasks of CEP;</p> <p>Involves him/herself in the management of cost and schedule contingency;</p> <p>Oversees the interfaces between the ITER Organization and the Domestic Agency Leaders regarding the supporting plant systems;</p> <p>Enforces the project's Quality Assurance (QA) program and risk mitigation regarding the supporting plant systems;</p> <p>Provides central engineering support for electrical engineering;</p> <p>Supports effective risk identification and management related to the supporting plant systems;</p> <p>Manages the change control process and communicates changes to the Director of Department for ITER Project;</p> <p>Realizes integration with other technical interfaces;</p> <p>Performs other duties in support of the project schedule as described in the Detailed Work Breakdown Structure Schedule or Strategic Management Plan;</p> <p>Performs other duties linked to the above purpose upon management request, as necessary;</p> <p>Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</p> <p>Reports to the Director of Department for ITER Project;</p> <p>In response to requests from the Director-General, or proactively, informs the DG of any important and urgent issues that cannot be handled by the concerned line management and may jeopardize the achievement of the Project's objectives;</p> <p>Interfaces with all other directorates to support excellent integration.</p> <p>Implements and enforces ITER's construction with high QA program.</p> <p>Interfaces with the construction design team on building requirements.</p> <p>Maintains communication with other organizations related to the ITER collaboration as well as fusion community.</p>
Measures of effectiveness	<p>Successfully manages the construction and integration activities for the issues of CEP;</p> <p>Successfully manages interface between CEP divisions and Domestic Agency Leaders;</p> <p>Successfully develops a cost effective installation and testing plan;</p> <p>Successfully supports the Director of Department for ITER Project in implementing the ITER</p>

technical scope;  
Successfully maintains effective communication with all Members delivering subsystems for the issues of CEP.

## Applicant criteria

Level of study	Master or higher degree
Diploma	Tokamak physics and/or fusion technology
Level of experience	At least 20 years
Technical experience	Strong background in mechanical and electrical engineering; At least 20 years of outstanding expertise in the construction, installation and commissioning of large plant systems, such as cryogenics, water, electrical distribution, tritium processing and radioactive waste handling; Good experience in effective QA management and implementation.
People management experience	At least 10 years
Social skills	Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit
General skills	Experience in a managerial position in scientific and technical projects Excellent communication and negotiation skills
Languages	English (Working)
Free criteria	Computer and IT Skills consistent with managing a complex developmental project.