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## JOB DETAIL

Ref. IO2134 - 6/30/2019

### Head of Construction Domain CNST-001

**Main job** Executive Management

**Department** CNST / Construction Domain

**Job Family** Head of Domain

**Application Deadline**  
(MM/DD/YYYY) 09/15/2019

**Grade** D2

**Direct employment** Required

**Purpose** To lead and manage the Construction Domain (CNST), and to support the Director-General (DG) of the ITER Organization (IO) to achieve the ITER Project's objectives with the assembly and installation of all components and systems necessary to successfully achieve the critical milestone of First Plasma 2025. To achieve this objective, CNST Head will work with the Heads of the Machine Construction and Plant Construction Departments, as well with the Construction Management Office to ensure the most efficient use of the allocated resources to achieve CNST mission. In compliance with IO regulations and rules, CNST Head is in charge of the comprehensive management of the associated contracts, budget management and planning, execution and completion of the erection activities on site, according to the agreed time schedule to achieve the required performance.

#### Background:

CNST is established as one of the four Domains within the IO, and is positioned as centre for the current phase of the ITER Project. CNST includes the staff who contribute to the design, manufacturing and delivery of these components, as well as the specialists for construction. Its responsibility includes Assembly and Installation of the ITER Machine, Tokamak Complex and Plant facilities, leveraging the contract of Construction Management as Agent (CMA), in close cooperation with Engineering and Science & Operations Domains and Domestic Agencies, and supported by Corporate Domain.

**Main duties / Responsibilities** Manages CNST to fulfil its mission and responsibilities summarized in its terms of reference, including following major duties (Please copy/paste the following link in your web browser [https://static.iter.org/hr/domains/ToR\\_Construction\\_Domain.pdf](https://static.iter.org/hr/domains/ToR_Construction_Domain.pdf) to check the detailed Terms of Reference); Develops the strategy for Assembly and Installation, in close collaboration with Office of the DG in accordance with Project Strategy; Ensures that the general site layout and configuration are managed as per the ITER Configuration Management Plan and as-built designs are recorded and maintained, in collaboration with Engineering Domain (ENG); Follows up DAs' in kind procurement activities necessary for First Plasma configuration, excluding systems under ENG responsibility; Prepares and implements strategies, and updates in real time installation plan according to the in kind contribution delivery dates, the development of processes, procedures and tools for efficient construction management, as well as achieving real time in field engineering support, in conjunction with ENG and DAs; Establishes and maintains a detailed construction baseline (scope, time schedule and cost as fixed through MAC approval) in accordance with Corporate Domain (CORP), assuring surveillance and management of the execution of works as well as control of the cost and quality, reporting systematically to DG and CORP; Ensures timely and efficient preparation of the tenders, and manages contracts assuring the planned production at costs respecting the authorized MAC Contracts Values to execute the Machine Assembly and Plant Installation including additional transversal support services such as lifting, storage and transportation; Ensures all the Plant Installation activities and the Machine Assembly are carried out in accordance with the ITER Nuclear Safety, the Environment Protection and the Occupational & Health Safety standards;

**Measures of effectiveness** Delivers Machine and Plant to Commissioning and Integrated Commissioning, under the responsibility of Science and Operations Domain, following completion of leak tests, together with integrated dossier of installation completion supported by all in field engineering dossier certifying resolution of in field Non-Conformities, in field deviation request as well as in field design changes, duly signed by CNST Head; May be requested to perform other duties in support of the

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project;  
May be required to work outside ITER Organization reference working hours, including, week-ends and public holidays.

Note: 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.

Contribute efficiently to achieve the ITER Project's objectives, currently in first place First Plasma.  
Achieve the completion of construction activities and milestones for First Plasma within approved Baseline.  
Handover the ITER Machine, Tokamak Complex and Plant facilities to Science & Operations Domain for Commissioning and Integrated Commissioning successfully within the approved Baseline.  
Lead the CNST in a harmonized manner, and collaborate with Domestic Agencies and other IO Domains/Department/Office as one team.

<b>Level of study</b>	Master or equivalent degree
<b>Diploma</b>	Engineering or other relevant discipline
<b>Level of experience</b>	At least 20 years
<b>Technical experience/knowledge</b>	<p>At least 20 years' experience in construction management and field of nuclear related construction project;</p> <p>At least 5 years' experience in the role/job function of Executive Management and field of large nuclear related construction project under an international context;</p> <p>Experience of construction in fusion energy project is a plus;</p> <p>Quality: Ability to lead and ensure all CNST activities are performed at a level of quality appropriate to achieving the safety, environmental security and performance objectives of the Project defined by IO.</p> <p>Planning: Ability to define vision and goals for the Project to lead CNST and the rest of the organization. Ability to make decisions on scheduled cost and risks.</p> <p>Contract Management: Ability to propose, gain approval for and implement contract strategy.</p> <p>Construction oversight: Ability to define oversight strategy policy, ensure overall implementation of effective oversight, and allocate responsibilities to proper resources.</p>
<b>General skills</b>	<p>Project control and reporting: Ability to define reporting and control requirements and methodology, analyze and conclude on overall project status, define and decide actions for recovery with full transparency within the IO, and report to highest levels of stakeholders of the ITER Project.</p>
<b>Others</b>	<p>Collaborate: Ability to facilitate and navigate dialogue with a wide variety of contributors and stakeholders in a diversified environment without compromising the discipline;</p> <p>Communicate Effectively: Ability to adjust communication content and style to deliver messages to work effectively in a multi-cultural environment;</p> <p>Drive results: Ability to persist in the face of challenges to commit and meet deadlines with high standards;</p> <p>Manage Complexity: Ability to analyze multiple and diverse sources of information to define root cause accurately before moving to proposals/solutions;</p> <p>Instill trust: Ability to demonstrate a role model of highest standards of team mindset, trust, excellence, loyalty and integrity.</p>
<b>Languages</b>	English (Fluent)

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