



the way to new energy

china eu india japan korea russia usa

JOB DETAIL

Ref. IO1679 - 4/14/2016

In-Cash Assembly Tool Engineer CST-035

Main job	Construction
Department	CST / Construction Department
Division	CST / Tokamak Assembly Section/Division
Job Family	Coordinating Engineer
Application Deadline (MM/DD/YYYY)	05/15/2016
Grade	P4
Direct employment	Not required
Purpose	<ul style="list-style-type: none"><li>- To support the Tokamak Assembly Section/Division Head in the design, procurement, operation and maintenance of the tooling required to assemble the Tokamak systems;</li><li>- To ensure that the tooling is supplied and operated in accordance with the applicable quality, safety, technical and administrative requirements, and in line with the project cost and schedule baselines;</li><li>- To provide effective leadership and guidance to the team of engineers and technicians assigned to complete the associated design and procurement activities.</li></ul>
Main duties / Responsibilities	<ul style="list-style-type: none"><li>- Manages the design, procurement and operation of the Tokamak assembly tooling procured directly by ITER Organization (IO) (In-Cash);</li><li>- Maintains and implements the design and procurement plan and resource loaded schedule for the tooling;</li><li>- Co-ordinates the assigned IO resources and manages the associated engineering service contracts in collaboration with Procurement and Contracts Division;</li><li>- Contributes to the preparation and validation of assembly and installation processes, identifies tooling requirements, and develops and implements cost effective solutions;</li><li>- Participates in the review of the engineering designs of the Tokamak systems, and ensures requirements and interfaces are clearly identified, defined and agreed;</li><li>- Prepares technical specifications for the supply of the assembly tooling, participates to the tender processes, and undertakes the management of those contracts;</li><li>- Ensures design, procurement, certification and testing, operation and maintenance of the tooling is carried out in accordance with all applicable quality and safety requirements, and in compliance with the applicable Decrees, Directives and Codes and Standards;</li><li>- Performs other duties in support of the project schedule as described in the Detailed Work Schedule and the Strategic Management Plan;</li><li>- May be requested to be part of any of the project team and perform other duties upon management request;</li><li>- Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</li></ul> <ul style="list-style-type: none"><li>- Reports to the Tokamak Assembly Section/Division Head;</li><li>- Interfaces directly with all ITER Organization Departments and technical staff;</li><li>- In response to requests from the Director-General and/or Construction Department Head, or proactively, informs the DG/Construction Department Head 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.</li></ul>
Measures of effectiveness	<ul style="list-style-type: none"><li>- Effectively co-ordinates the assigned IO resources and manages associated contracts to deliver on-time designs, specifications and other documentation;</li><li>- Ensures the delivery of the assembly tools respecting cost, performance, schedule and quality;</li><li>- Ensures the on-time completion of assigned studies, reports and other deliverables.</li></ul> Project construction phase

My space

RSS

See jobs

My job alert

Level of study	Master or equivalent degree
Diploma	Mechanical Eng. field or other relevant displine
Level of experience	At least 10 years
Technical experience/knowledge	<div><div>- Knowledge of Codes and Standards for the design, manufacture, testing and operation of tooling systems, including lifting tools;</div><div>- Knowledge of French certification procedures for lifting tools would be an advantage.</div><div>- At least 10 years' experience in the design, manufacture and operation of large, high capacity tooling systems in large, complex construction projects;</div><div>- Experience in a coordinating role is preferred;</div><div>- Extensive knowledge of Quality Assurance systems and their practical application;</div><div>- Experience in the fusion related technologies, such as Ultra High Vacuum (UHV) and cryogenic applications would be desirable;</div><div>- Experience in project management and delivering to tight timescales.</div></div>
Social skills	Ability to work effectively in a multi-cultural environment Ability to work in a team and to promote team spirit
Specific skills	Ansys MS Office standard (Word, Excel, PowerPoint, Outlook)
Others	<div><div>- Computer literate and proficient in the use of the Microsoft Office software suite</div><div>- Working knowledge of CAD systems, and the ANSYS structural analysis software.</div></div>
Languages	English (Fluent)

For more information about ITER, visit our web site : <http://www.iter.org>