

ITER 국제기구 공모 직위 직무기술서 (제217차)

○ 1개 직위

구분	분야	소속	직위	Job No.	등급
①	토카막 엔지니어링 (TED)	Tokamak Engineering Department Vessel Division	Thermal Shield Responsible Officer	TED-131	P4

IO1894 Thermal Shield Responsible Officer - TED-131

General information

Job category	Standard
Status	Published
Department	TED / Tokamak Engineering Department
Division	TED / Vessel Division

Job description

Main job	Engineering - Cryogenics
Title of the position	Thermal Shield Responsible Officer - TED-131
Job family	Coordinating Engineer
Grade	P4
Direct employment	Not required
Purpose	<p>To procure the ITER Thermal Shield (TS);</p> <p>To manage design, monitoring of manufacturing, testing, qualifying, assembly, installation and commissioning of the TS.</p> <p>To issue and maintain associated up to date technical documents.</p> <ul style="list-style-type: none">-Responsible for the procurement and manufacturing of the TS;-Defines and updates the TS mechanical design, manufacturing and assembly procedures (including joints, supports, etc);-Checks and reviews manufacturing design and fabrication activities of Domestic Agency (DAs) including drawings and documents;-Coordinates with DAs design, analysis and procurement activities, ensuring a proper implementation of Quality Assurance requirements;-Assesses and verifies structural integrity of TS including Non-Conformance Reports in cooperation with the DAs;-Ensures surveillance and manages factory acceptance and site acceptance tests;-Manages resources loaded plan of the TS activities;-Prepares and participates to assembly and commissioning of the TS,-Coordinates with the Tokamak Assembly Division the implementation of the assembly activities for the TS;
Main duties / Responsibilities	<ul style="list-style-type: none">-Supports an effective risk identification and management of risks;-May be required to work outside normal working hours, including nights, weekends and public holidays;-Implements the technical control of the Protection Important Activities, as well as their propagation to the entire supply chain;-May be requested to be part of any of the project/construction teams and to perform other duties in support of the project schedule;-Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.
Measures of effectiveness	<ul style="list-style-type: none">-Reports to Head of Vessel Division-In response to requests from the Director-General and/or Head of Tokamak Engineering Department (TED), or proactively, informs the DG/ Head of TED 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.-Ensures manufacture of TS within defined cost and schedule;-Completes procurement activities in a timely manner and within the defined costs;-Maintain good relationships and communication with stake-holders;-Ensures TS is tested and assembled according to the required schedule, meeting quality requirements;-Prepares efficiently the commissioning phase with necessary documentation;-Interfaces efficiently with the Tokamak Assembly Division to prepare the assembly procedures and installation of the TS.
	Project Construction Phase

Applicant criteria

Level of study	Master or equivalent degree
Diploma	In Engineering field or other relevant discipline
Level of experience	At least 10 years
Technical experience/knowledge	<ul style="list-style-type: none"> -At least 10 years' experience in manufacturing and assembly of cryogenic components, in particular in the field of Thermal Shield; -Experience of procurement management in a large scientific or construction project; -Extensive experience in similar jobs (involving similar work responsibilities) and/or additional training certificates in relevant domains may be considered a reasonable substitute for the required educational degree.
Social skills	Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit
General skills	-Ability to coordinate various tasks;
Languages	English (Fluent)
Specific skills	MS Office standard (Word, Excel, PowerPoint, Outlook)