

IO1946 Vacuum Vessel Engineer TED-136

General information

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

Job description

Main job	Engineering - Vacuum technologies
Title of the position	Vacuum Vessel Engineer TED-136
Job family	Engineer - 1
Grade	P2
Direct employment	Not required
Purpose	<p>To contribute and oversee engineering, manufacturing, and assembly activities related to the procurement of the Vacuum Vessel (VV) components including sealing flanges, bellows, pipes, etc;</p> <p>To manage interfaces and integration of the VV components including in-kind procured components.</p>
Main duties / Responsibilities	<ul style="list-style-type: none">-Performs engineering, manufacturing, and assembly activities related to the procurement of the VV components including sealing flanges, bellows, pipes, etc;-Integrates these VV components internal as well as external of the VV;-Performs engineering activities in support of the fabrication of components under Domestic Agency (DAs) responsibility: checking of documentation, drawings, justification of non-conformance reports (NCRs);-Prepares the specifications and is responsible for the procurement oversight for VV components;-Performs factory acceptance tests for VV components;-Manages the metrology of the as built components, resolving NCRs and managing the reverse engineering;-Prepares specifications for the Assembly of the VV components;-Manages the issues related to the assembly of the as-built components, proposing and implementing the required measures;-May be required to work outside ITER Organization reference 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. <p>-Under the supervision of the Group Leader, reports to the Vacuum Vessel Division Head;</p> <p>-Effectively interfaces with ITER domestic agencies responsible for procurement;</p> <p>-In response to requests from the Director-General and/or Tokamak Engineering Department (TED) Head, or proactively, informs the DG/TED 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.</p>
Measures of effectiveness	<ul style="list-style-type: none">-Successfully contributes to the delivery of the VV components on time;-Completes specifications for the VV components implementing IO quality standards within the defined deadline;-Prepares specifications for the Assembly of the VV implementing IO quality standards within the defined deadline;-Proposes and implements efficient solutions for the successful assembly and preparation of commissioning of the VV.
	Project Construcion Phase

Applicant criteria

Level of study	Master or equivalent degree
Diploma	Engineering, mechanical, nuclear or other relevant
Level of experience	At least 5 years
Technical experience/knowledge	<ul style="list-style-type: none"> -At least 5 years' experience in design, preparation of specifications, procurement and oversight of fabrication for Ultra-High Vacuum (UHV) and/or pressure equipment's; -Experience in acceptance and commissioning of components required; -Experience in installation and assembly of components required; -Knowledge on French Nuclear regulation is considered as an advantage; -Project Management experience in addition to the procurement experience will be an advantage; -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	<p>Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit</p> <ul style="list-style-type: none"> -Ability to facilitate dialogue with a wide variety of contributors and stakeholders;
General skills	<ul style="list-style-type: none"> -Ability to adjust communication content and style to deliver messages; -Ability to persist in the face of challenges to meet deadlines with high standards; -Ability to model high standards of team mindset, trust, excellence, loyalty and integrity.
Languages	English (Fluent)
Specific skills	MS Office standard (Word, Excel, PowerPoint, Outlook)