

IO1237 Mechanical Eng. for Blanket Shield Blocks TKM-118

General information

Job category	Standard
Status	Published
Department	DIP/Directorate for Tokamak
Division	TKM / Internal Components Division
Section	TKM / INC / Blanket Section

Job description

Main job	Engineering - Mechanics
Title of the position	Mechanical Eng. for Blanket Shield Blocks TKM-118
Job family	Engineer - 2
Grade	P3
Direct employment	Not required
Purpose	<p>To be responsible for the procurement of Blanket Shield Blocks and related materials provided by the Korean Domestic Agency;</p> <p>To be responsible for the integration of associated systems, diagnostics and instrumentation;</p> <p>To be responsible for the related design and qualification tests.</p>
Main duties / Responsibilities	<p>Manages the work carried out by the Korean Domestic Agency in preparation for the procurement of the Blanket Shield Blocks;</p> <p>Is responsible for the related design and production of the concerned 3D models and 2D drawings;</p> <p>Manages the related R&D and supervises the qualification tests;</p> <p>Is responsible for the procurement of the Blanket Shield Blocks and related materials by the Korean Domestic Agency during the ITER construction in close relation with the Procurement & Contract Division;</p> <p>Manages the interfaces and Quality Assurance (QA) procedures of the Blanket Shield Blocks in close relation with the QA Division;</p> <p>Performs other duties in support of the project schedule as described in the Detailed Work Schedule and the 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>
Measures of effectiveness	<p>Reports to the Blanket Section Leader;</p> <p>In response to requests from the Director-General and/or Tokamak Director, or proactively, informs the DG/ Tokamak Director 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>Completion of the design and procurement of Blanket Shield Blocks within the prescribed specifications;</p> <p>Generation and maintenance of coherent, comprehensive and understandable design documentation for the Blanket Shield Blocks;</p> <p>Maintenance of effective communication within the ITER Organization as required by this position.</p>
	Project Construction Phase.

Applicant criteria

Level of study	At least Master's Degree or equivalent
Diploma	Engineering field or other relevant discipline
Level of experience	At least 10 years
	Experience in the design and construction and integration of mechanical components, preferably

Technical experience	in an international environment. Experience in the fusion technologies and/or Ultra High Vacuum (UHV) applications and/or nuclear devices would be highly advantageous. Previous experience in welding technologies, non-destructive inspections and in the practical application of QA procedures would be an advantage.
Project experience	At least 5 years
Social skills	Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit
Languages	English (Working)
Specific skills	MS Office standard (Word, Excel, PowerPoint, Outlook)