

# IO1354 Mechanical Engineer - Blanket Attachments TKM-064

## General information

Job category	Standard
Status	Confirmed
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 Engineer - Blanket Attachments TKM-064
Job family	Coordinating Engineer
Grade	P4
Direct employment	Not required
Purpose	<p>To ensure the procurement of Blanket Attachments and related materials provided by the Russian Domestic Agency;</p> <p>To ensure the integration of associated systems, diagnostics and instrumentation;</p> <p>To ensure the implementation and follow up of Quality Assurance/Quality Control procedures and related qualification tests.</p>
Main duties / Responsibilities	<ul style="list-style-type: none"><li>- Manages the preparation for the procurement of the Blanket Attachments to be placed with the Russian Domestic Agency;</li><li>- Is responsible for the related design and production of the concerned 3D models and 2D drawings;</li><li>- Manages the related R&amp;D and supervises the qualification tests;</li><li>- Is responsible for the procurement of the Blanket Attachments and related materials by the Russian Domestic Agency during the ITER construction in close relation with the Procurement &amp; Contract Division;</li><li>- Manages the interfaces and Quality Assurance (QA) procedures of the Blanket Attachments in close relation with the QA Division;</li><li>- Performs other duties in support of the project schedule as described in the Detailed Work Schedule and Strategic Management Plan;</li><li>- Performs other duties linked to the above purpose upon management request, as necessary;</li><li>- Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</li></ul>
Measures of effectiveness	<p>Reports to the Blanket Section Leader;</p> <p>Interacts with the Domestic Agency's teams and IO QA Division;</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 Attachments within the prescribed specifications (cost and schedule);</p> <p>Generation and maintenance of coherent, comprehensive and understandable design documentation for the Blanket Attachments;</p> <p>Maintenance of effective communication within the ITER Organization as required by this position.</p> <p>SAP Id: 50000626</p> <p>Project Construction Phase</p>

## Applicant criteria

Level of study	Master or equivalent degree
Diploma	Engineering field or other relevant discipline
Level of experience	At least 10 years

Technical experience	<ul style="list-style-type: none"><li>- At least 10 years' experience in the design and construction of mechanical components, preferably in an international environment;</li><li>- Experience in the fusion technologies and/or Ultra High Vacuum (UHV) applications and/or nuclear devices would be highly advantageous;</li><li>- Previous experience in non-destructive inspections and in the practical application of QA procedures would be an advantage.</li></ul>
Social skills	Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit
General skills	Basic Project Management experience is required.
Languages	English (Working)
Specific skills	MS Office standard (Word, Excel, PowerPoint, Outlook)