

TITLE: Internal Components Division Head		TKM 028
REPORTS TO LINE MANAGER: Tokamak Deputy Director General (DDG)		
DIRECT EMPLOYEMENT: NOT REQUIRED		GRADE RANGE: D1
Date Written: October 23, 2006	Date Revised: DECEMBER 6, 2006	Date Revised: JANUARY, 2009

Purpose:

To lead and manage the Internal Components Division (Blanket, Divertor, and Test Blanket systems): design and procurement of associated systems including work organization, interfaces to ITER participants responsible for procurement and their industries.

Major Duties/Responsibilities:

- Provides effective leadership for the Division, ensuring that team members are motivated and constantly developing their skills and experience;
- Manages the design, specification, procurement, assembly, and installation of associated systems (Blanket, Divertor, and Test Blanket systems);
- Effectively interfaces with ITER Domestic Agencies responsible for procurement;
- Oversees and manages all technical aspects of these systems, develops detailed implementation plans for all work, and monitors and controls costs and schedules for all group activities;
- Ensures that the engineering design of the associated systems meets the requirements of the ITER machine;
- Supervises the engineers responsible for the design and timely procurement of all associated systems;
- Leads the supporting analysis;
- Defines and coordinates the interfaces with other systems;
- Shows strong commitment to the ITER Safety Program and enforces it through individual behaviour and in his/her organization;
- Maintains a strong commitment to the implementation and perpetuation of ITER values and ethics.

Qualifications and Experience Required:

- **Education:**
 - Advanced University degree in engineering or physics.
- **Technical Experience:**
 - 20+ years of experience in the design and manufacture of components for Ultra High Vacuum and/or nuclear devices;
 - Experience in fabrication (forming, machining, and welding) of large complex structures;
 - Experience working with nuclear and conventional design codes;
 - Ideally the successful candidate should have experience working on one of the world's large fusion devices.
- **Project experience:**
 - Experience managing a technical team on a complex developmental project.
- **Management experience:**
 - 10+ years of staff management experience;
 - Ability to effectively lead a group of professionals.
- **Social Skills:**
 - Ability to work in a team and to promote team work;
 - Ability to work effectively in a multi-cultural environment.
- **Language Requirements:**
 - Fluent in written and spoken English.
- **Computer and IT skills:**
 - Skills consistent with managing a complex developmental project.

Work Direction and Interfaces:

Reports to the Tokamak DDG. Interfaces with all other Departments within the ITER Organization as required.

Authority/Approval Levels:

This position has authority and approval levels generally defined by the DDG for his/her scope of work.

Measures of Effectiveness:

- Successfully builds up the Division and manages it effectively;
- Successfully maintains effective communications within the group, with all interfacing ITER organizations, and with the Domestic Agencies;
- Completes design and procurement of Blanket, Divertor, and Test Blanket systems in a timely manner and within defined costs.