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JOB DETAIL

Ref. IO1142 - 8/15/2011

Director of Directorate for Tokamak TKM-001**Main job** Executive Management**Department** DIP/Directorate for Tokamak**Job Family** Line management**Application Deadline** 15/Sep/2011**Grade** D1**Direct employment** Required

Purpose To support the Director of Department for ITER Project and provide leadership to ensure the successful construction of ITER tokamak systems: Vacuum Vessel, SC coils, Cryostat and interface among them, etc. To manage scope, schedule, cost, risk and quality of all work related to tokamak systems, and to oversee interfaces to all other technical systems. To contribute to making ITER a leading, world-class fusion science program.

Main duties / Responsibilities

- Supports the Director of Department for ITER Project (DIP) in all matters related to the tokamak systems;
- Maintains a strong commitment to the implementation and perpetuation of ITER values and ethics;
- Manages all projects relevant to scope, schedule, cost, risk and quality, and regularly reports to the Director of DIP ;
- Provides effective leadership for Heads of Division and staff of the Directorate for Tokamak by ensuring managers and team members are motivated, and by constantly developing their skills and experience through close staff collaboration;
- Oversees the interfaces between the ITER Organization and the Domestic Agency Leaders related to tokamak systems;
- Executes ITER construction up to First Plasma, while providing strong leadership throughout the TKM Directorate;
- Involves him/herself in the management of cost and schedule contingency;
- Enforces the project's QA program and risk mitigation related to the tokamak systems;
- Develops and implements programs to test and operate all systems;
- Manages the change control process and communicates changes to the Director of Department for ITER Project;
- Actively works to promote and facilitate integration with other technical interfaces;
- Shows a strong commitment to the ITER Safety Program and enforces it through individual behaviour and in his/her team;

Measures of effectiveness

- Successfully manages the construction and integration activities for tokamak core systems.
- Successfully manages interface between TKM divisions and Domestic Agency Leaders.
- Successfully develops a cost-effective installation and testing plan.
- Successfully supports the Director of Department for ITER Project in implementing the ITER technical scope.
- Successfully maintains effective communications with all Members delivering subsystems for the tokamak.

Level of study PhD or equivalent degree**Diploma** Tokamak physics, fusion tech., related disciplines**Level of experience** At least 10 years

Technical experience

- Outstanding expertise to build and operate magnetic fusion core systems and deep understanding of ITER tokamak integration with knowledge of mechanical engineering;

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