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JOB DETAIL

Ref. IO1869 - 7/13/2017

Blanket Coordination Engineer - TED-120

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Main job	Mechanics
Department	TED / Tokamak Engineering Department
Division	TED / Internal Components Division
Section	TED / INC / Blanket Section
Job Family	Coordinating Engineer
Application Deadline (MM/DD/YYYY)	08/27/2017
Grade	P4
Direct employment	Not required
Purpose	To coordinate the overall design, procurement, assembly, commissioning and installation activities of the different Blanket components in line with the given interface, scope, budget and schedule requirements.
Main duties / Responsibilities	<ul style="list-style-type: none"> -Coordinates the design, specification, procurement, assembly, commissioning and installation of the Blanket components and ensures optimum cost/benefit of the proposed design solutions; -Is responsible for overseeing and managing all technical aspects of these components, developing detail implementation plan for all work, and monitoring and controlling costs and schedules for all Blanket activities; -Leads Blanket Task Forces/Working Groups on an ad hoc basis, as needed to converge on design solutions; -Interfaces effectively with the ITER Domestic Agencies responsible for procurement; -Is responsible for defining and coordinating the interfaces with other systems; works closely with Integration and Interfacing Systems to resolve design interface issues in an efficient way; -Identifies and prioritizes R&D required to solve design issues; develops technical specifications and follows up on contract as needed; -Supervises the preparation of Blanket technical documents; -Interfaces with Design office on CATIA models and provide technical approval of CAD drawings; -Develops and follow up the logistic aspect of the Blanket procurement, including receptions of components on site, on-site acceptance test, on-site storage prior to assembly, radwaste lifecycle; -Follows up on the Quality Assurance (QA)/Quality Control (QC) of the Blanket documentation and Blanket procurement; -May be required to work outside normal working hours, including nights, weekends and public holidays; -Performs other duties in support of the project schedule; -May be requested to be part of any of the project/construction teams and to perform other duties; -Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.
Measures of effectiveness	<p>Special notice: May be requested to work on beryllium-containing components. In this case, the Blanket Coordinator Engineer will be required to follow the established ITER Beryllium Management Program for working safely with beryllium. Training and support will be provided by the ITER Organization;</p> <ul style="list-style-type: none"> -Reports to Blanket Section Leader; -Acts as an interface on a daily basis with members of the ITER Internal Components Division, ITER Organization as well as external organizations; -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. -Provides efficient and high quality results for the duties described above, as measured by: management and accommodation as needed of interface requirements; finalization of design of Blanket components or acceptance of design change request by balancing the manufacturing requirements with the need to maintain the scope or functional requirements of these components; successfully incorporating assembly and remote handling requirements in the design of these component; progress in the contract

and procurement activities according to the given schedule and cost;
-Maintains a good collaborative attitude with all members of the TED Department.

Project Construction Phase
SAP ID : 50000176

Level of study	Master or equivalent degree
Diploma	Mechanical Engineering or other relevant field
Level of experience	At least 10 years
Technical experience/knowledge	<ul style="list-style-type: none">-At least 10 years' experience in design and fabrication of complex mechanical systems;-Basic Project Management experience is required;-Experience a in large multidisciplinary project is considered as 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	<ul style="list-style-type: none">Ability to work effectively in a multi-cultural environmentAbility to work in a team and to promote team spirit
Specific skills	CATIA
General skills	-Viewing capability of CATIA V5 CAD models is considered as a major asset.
Languages	English (Fluent)

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