

<b>TITLE:</b> Civil Engineer – Site Layout		CCS-004
<b>REPORTS TO LINE MANAGER:</b> Head, Civil Construction and Site Support Office [HCCSSO]		
<b>Direct Employment:</b> Not Required		<b>Grade:</b> P4
<b>DATE WRITTEN:</b> October, 2006/ <i>2006-Dec-08</i>	<b>DATE REVISED:</b>	<b>DATE REVISED:</b>

**Purpose:**

Support the HCCSSO in all matters related to adapting the ITER Generic Site Layout, to the Cadarache site, including platform levelling, infrastructure development, roads, tunnels, drainage, fire protection systems, cooling towers and pumping stations; Annex buildings; construction contractors areas; storage and warehouses; temporary construction facilities. Assists in defining and documenting the interfaces between these buildings and the related technical systems contained inside.

Provides assistance and guidance to the Architect Engineer responsible for detailed design and layout of Cadarache site. Provides technical support to the civil construction contractor(s) and manages cost effective implementation. Assists the HCCSSO in liaison with the European Legal entity and Agence Iter France, in matters of civil engineering during construction.

**Major Duties/Responsibilities:**

- Supports HCCSSO in all matters related to civil engineering and construction activities related to the Cadarache site layout.
- Reports the work scope, schedule, cost information to the HCCSSO in support of project office reporting, on a monthly basis.
- Assists in coordinating the technical interface between the on-site construction and the technical subsystem responsible officers.
- Monitors the contractors QA and Safety program with the AE and subcontractors.
- Maintains interface documentation and keeps it up to date.
- Responsible for change control for the civil engineering of nuclear buildings.
- Compiles the relevant data for technical design changes, costs and schedules, and reports on any variances.
- Identifies risks and their management.
- Manages the change control process for his/her scope of work and communicates changes to the project office. Guarantees integration with other technical interfaces.
- 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 Required:**

At least 15 years experience in construction of large technical or science facilities, and in particular, in the successful completion of large civil construction facilities in Europe. Expertise in interface management with technically complex systems.

Knowledgeable of permitting procedures and legal environmental requirements in construction. Excellent safety record on previous construction jobs. Experience in project management and the use of modern management tools. Experience in effective QA management and implementation. Possibility of staying in the project for more than 5 years.

**Work Direction and Interfaces:**

Reports to the HCCSSO. Interfaces with all technical divisions to support excellent integration. Implements and enforces Tier's QA program. Interfaces with the construction design team on building requirements and with the construction manager on cost effective implementation. Handles labour relations with civil construction workforce. Interfaces with domestic authorities on permits and environmental impact. Implements ITER safety program on the construction site.

**Authority/Approval Levels:**

Has authority and approval levels defined by the HCCSSO for his/her scope of work.

**Measures of Effectiveness:**

Successfully manages interface between technical system leaders and the design team for civil engineering of the site layout and associated plant facilities, including those temporary facilities required during construction and installation. Develops and maintains interface documentation.

Successfully manages budgets for the civil construction the Cadarache site infrastructure.

Successfully manages interface with Architect Engineer and the European Legal Entity.