

IO1348 Civil Nuclear Engineer - BSI 056

General information

Job category	Standard
Status	Published
Department	DIP/Directorate for Buildings & Site Infrastructure
Section	BSI / BSI-1 / Nuclear Buildings Section

Job description

Main job	Engineering - Civil engineering
Title of the position	Civil Nuclear Engineer - BSI 056
Job family	Coordinating Engineer
Grade	P4
Direct employment	Not required
Purpose	<p>To play a key role in the mission of the Buildings and Site Infrastructure Directorate which is primarily to ensure the oversight of the design and construction of the buildings and site infrastructure associated with the ITER project such that the project objectives in terms of cost, schedule and performance are achieved.</p> <p>To take part in the preparation, update and management of the design input data and other technical information necessary to fully define the ITER requirements for the project.</p> <p>To take part in the oversight of the work done by contractors (including Domestic Agencies) and ensure the implementation of the ITER project management systems in particular for the buildings and infrastructure that has a nuclear safety function.</p>
Main duties / Responsibilities	<p>Undertakes the day to day preparation, update and management of the technical documentation that forms the ITER requirements for the buildings and site infrastructure with a specific focus on the nuclear buildings. This task encompasses the updates of baseline documents and the keeping up to date of the ITER database where engineering data will be stored and managed;</p> <p>Analyses and prepare technical impact assessments of PCRs affecting buildings and site infrastructure that have arisen due to proposed modifications on other areas of the project. This task will require interaction with other ITER systems as well as Domestic Agency staff and contractors;</p> <p>Assesses Deviation Requests raised by Domestic Agencies and subcontractors including the preparation and management of associated Project Change Requests where necessary. This task will require significant interaction with other ITER systems as well as Domestic Agency staff and contractors;</p> <p>Assesses critically the designs prepared by the Domestic Agencies and their contractors and take an active role as a technical expert in design reviews for the Nuclear Buildings;</p> <p>Implements the ITER management policies, procedures and work instructions in particular those relating to Quality Assurance and safety taking into account the specific requirements of the French legislation pertaining to Nuclear Installations;</p> <p>Takes part and, when necessary, leads meetings relating to the design and construction of the ITER buildings;</p> <p>Undertakes on-site oversight activities and audits to ensure that construction activities are carried out in accordance with approved designs. Ensures full traceability of activities from design through to as-built records;</p> <p>Acts as Section Leader in case of absence and approved delegation;</p> <p>Writes technical documents, procedures and work instructions for the oversight activities and is able to effectively and efficiently check the written reports produced by others.</p> <p>Performs other duties in support of the project schedule as described in the Detailed Work Schedule and the Strategic Management Plan;</p> <p>Performs other duties linked to the above purpose upon management request, as necessary;</p> <p>Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</p> <p>Reports to the Nuclear Buildings Section Leader;</p> <p>Works closely with staff and contractors to ensure interfaces are coherent and managed in accordance with applicable configuration control procedures;</p>

Measures of effectiveness	Interfaces with other BSI Section Leaders, Senior IO and Division management, with all IO team members and subcontractors, with DA technical personnel; with IO contractor technical departments.
	In response to requests from the Director-General and/or Buildings and Site Infrastructure Director, or proactively, informs the DG/ Buildings and Site Infrastructure 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.
	Compliance of assigned tasks to the ITER schedule; Completion of technical responses within assigned timeframe; Number of technical documents drafted and reviewed successfully; Contribution to technical meetings and level of positive feedback from attendees; Recognition by others of technical and managerial expertise.
	SAP ID: 50001061 Project Construction Phase

Applicant criteria

Level of study	At least Bachelor's degree or equivalent
Diploma	Engineering
Level of experience	At least 12 years
Technical experience	At least 12 years' experience in the field of civil engineering, with a strong level of competence in both design and construction oversight within a nuclear environment;
	At least 10 years' experience of design and construction within a nuclear environment and to specific internationally recognized standards applicable to the Nuclear Buildings Industry such as GS-R-3;
	Experience of design & construction within the framework of the specific French Nuclear Safety regulations would be beneficial.
	Experience of design & construction within the framework of Eurocodes would be beneficial.
Social skills	Experience of : -implementation of rigorous QA procedures & management of associated documentation; -basic project management concepts such as scheduling, EVM, task management; -problem solving in a multi-task environment to strict deadlines; -making presentations, writing reports & effective verbal communication; Experience of working within an international environment would be beneficial.
	Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit
	Experience of motivating and leading people to achieve outcomes and in managing technical meetings to achieve project goals.
General skills	Strong ability to effectively communicate, both verbally and in writing, with Officers at all levels distributed throughout the Organization; Ability to motivate others and be recognized as a motivating leader; Ability to make decisions under stressful circumstances; Ability to work successfully in a team environment as well as alone.
Languages	English (Working)
Others	Master's degree in specialist relevant subject would be advantageous; Understanding of the ITER project and/or Fusion environment would be beneficial.