

Job Description: Electrical Engineer

Main Responsibility: **Electrical Engineering Works at ITER Cadarache Site**

The general responsibility is to provide support to the EFDA CSU Barcelona for all aspect related to Electrical Engineering

The main responsibility includes:

- Preparation/review of the **technical specification for the Contract(s) for Site Preparation**, including interface with ITER and CEA Cadarache EISS Team for the definition of layout
- Follow-up/Monitoring of EISS activities for **in-fence preparations of the ITER Site of Cadarache** with particular regard to:
 - o Temporary electrical network
 - o Grounding and lighting protection
 - o Tunnels
 - o Communication networks
- Preparation/review of the **technical specification for the Contract(s) for Welcome Office (electrical)** , including interface with ITER and CEA Cadarache EISS Team for the definition of layout and final requirements
- Preparation and maintenance (with support of the drawing office) of a **drawings database of ITER Cadarache Site** Layout and status of the works at various stages of implementations (electrical networks)
- Review of existing documentation and Preparation of a reference set of **Standards for ITER Electrical works on Cadarache Site** (to be attached to Site Preparation contract and in the future to all civil works contracts, special regard to nuclear and seismic requirements)
- Review/Evaluation of **cost and schedule for the Site preparation (electrical)**
- Expertise to ITER Team for the finalisation of the ITER Buildings architectural design for all aspect related to electrical supplies
- Follow-up of the **electrical works for the preparation of the main and auxiliary power supplies for ITER Cadarache Site**
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Knowledge of written and spoken English is necessary. Written spoken French is desirable.

Previous experience in the set-up and operation of large civil works for the construction of nuclear/ chemical /petrochemical plants is desirable.

Interesados mandar curriculum vitae en ingles a:
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