

<b>Title: Cooling Water Construction Engineer</b>		<b>CEP 031</b>
<b>Central Engineering and Plant Support / Plant Engineering Division</b>		
<b>Reports to Line Manager: Leader of Cooling Water System Group</b>		
<b>DIRECT EMPLOYMENT NOT REQUIRED</b>	<b>GRADE RANGE: P2 ~P4</b>	
<b>Date Written:</b>	<b>Date Revised:</b>	<b>Date Revised:</b>

**Purpose:**

He/She would be an expert of construction scheduling with experience for power plant construction, and he/she will work in close contact with the ITER group/divisions in charge of the project schedule and the designers in the cost-share-PTs to complete the all cooling water construction.

**Major Duties/Responsibilities:**

He/she will be responsible for planning and control of the construction schedule of all cooling water systems.

**Qualifications Required:**

- Educational
  - He /she must be excellent for English speaking and writing as well as the engineering.
- Work experience
  - He/she would be mechanical/ plant system engineer with enough experience (maybe more than 10 years) on fission power plants design.
- Skills
  - He/she would have following personality.
  - · Technical; Mechanical analysis for piping and components and layout
  - · Personal; Collaborative and positive personnel
  - · Managerial; wide range (project wise) experience on plant design

**The following optional qualifications will be considered an advantage:**

- Good communication skills
- Able to develop and maintain effective international contacts in plant system engineering discipline
- Knowledge of the design of tokamak fusion machine systems would be an advantage
- Language skills: French an asset; German and/or Japanese would be an advantage.
- Ability to effectively perform tasks in multicultural environment, covering international energy projects is essential
- Aptitude for team working essential
- Good problem-solving skills and judgment
- Able to perform duties autonomously, with speed and accuracy, according to agreed budgets and schedules.
- Able to respond effectively under pressure

**Work Direction and Interfaces:**

- Reports to DDG of Central Engineering and Plant Support
- Interfaces with other ITER Project Divisions/Group as required.
- Maintains communications with other organizations within the ITER collaboration and the fusion community.

**Authority/Approval Levels:**

Has authority and approval levels defined by the division head for the scope of work

**Measures of Effectiveness:**

- · Successfully communicates with the ITER machine components designers to optimize both component and remote maintenance equipment design and performance
- · Successfully communicates with other PTs/ organizations within the ITER collaboration and the fusion community.
- · Successfully completes tasks assigned under “Main Duties / Responsibilities” above.