

1. Junior Civil Engineer

- **Location:** Delhi Office and Various Project Sites
- **Focus:** Water and Wastewater Treatment Plant Projects

Core Responsibilities:

- **Quantity Surveying & Estimation:** Prepare detailed **Quantity Take-Offs (QTOs)** and accurate **cost estimations** for all civil works (e.g., tankage, foundations, buildings) related to Water Treatment Plants (WTPs) and Waste Water Treatment Plants (WWTPs).
- **Project Costing Support:** Collaborate closely with the Costing Team to develop comprehensive **project budgets** and financial proposals.
- **Vendor Management Support:** Assist the Subcontracting/Procurement Team in identifying, evaluating, and shortlisting qualified **subcontractors and vendors** for civil packages.
- **Site Supervision & Control:** Conduct **site inspections** to ensure work progresses according to schedule, specifications, and safety standards. Manage and coordinate site activities.
- **Quality Assurance & Control (QA/QC):** Implement and monitor QA/QC procedures for all civil construction materials and execution, ensuring compliance with **IS codes** and project specifications.

Essential Requirements:

- Degree in Civil Engineering.
- Familiarity with construction drawings and basic estimation principles.
- Willingness to travel to project sites.

2. Junior Electronics/Instrumentation Engineer

- **Location:** Sahibabad Factory, Ghaziabad
- **Focus:** SCADA Systems, Automation, and New Technology Integration

Core Responsibilities:

- **SCADA & Automation Support:** Assist in the design, configuration, programming, and **troubleshooting of SCADA (Supervisory Control and Data Acquisition) systems** for water applications.
- **Assembly & Integration:** Participate in the **assembly and wiring** of control panels, field instruments, and electronic components for packaged plants.
- **Procurement Assistance:** Support the Procurement Team by preparing technical specifications, evaluating vendor quotes, and ensuring the timely purchase of **electronics, sensors, and instrumentation** components.
- **Technology Development:** Aid in the trial, testing, and implementation of **newly acquired electronic and sensor technologies** for advanced water monitoring solutions.

Essential Requirements:

- Degree in Electronics Engineering or Electronics & Instrumentation Engineering.
- Basic understanding of PLC/SCADA systems and control loop diagrams.

3. Junior Mechanical Engineer

- **Location:** Sahibabad Factory, Ghaziabad
- **Focus:** Manufacturing and Quality Control of Packaged Plants

Core Responsibilities:

- **Manufacturing Coordination:** Oversee and coordinate the **fabrication and manufacturing** process of pre-engineered **Packaged WTPs, WWTPs, and Effluent Treatment Plants (ETPs)**, ensuring adherence to design specifications.
- **Quality Control (QC):** Perform stage-wise quality checks on materials, welding, assembly, and final product fabrication to maintain **high standards of mechanical integrity**.
- **Cross-Functional Coordination:** Act as the liaison between internal departments (Purchase, Stock/Inventory, Electronics, and Civil) to ensure the **smooth flow of materials and information** required for production.

Essential Requirements:

- Degree in Mechanical Engineering.
- Knowledge of fabrication techniques, materials (e.g., MS/SS), and industrial drawing interpretation.

4. Junior R&D Engineer / Technical Associate

- **Location:** Mayur Vihar, Delhi (Flexible based on project needs)
- **Focus:** Technology Advancement, Trial Testing, and Corporate Support

Core Responsibilities:

- **Technology Transfer & Advancement:** Assist in the research, modification, and **upscaling of technologies procured from R&D institutions** (e.g., CSIR) for commercial deployment in water treatment.
- **Trial Testing & Validation:** Plan and execute rigorous **laboratory and field trials** for new solutions, including **Remote Sensing Devices** and advanced monitoring equipment, documenting all results.
- **Technical Reporting & Support:** Provide technical and administrative assistance to Directors in preparing **detailed reports, presentations, and technical documentation** for new development initiatives.

Essential Requirements:

- Degree in a relevant Engineering discipline (Civil/Chemical/Electronics/Mechanical).
- Strong analytical skills and a flair for research and experimentation.