**Title:** Senior Civil / Structural Engineer
**Accountable to:** Director, Systems Engineering
**Location:** Bangalore, India
**Seniority:** Senior

**Introduction**

Edify Engineering solution is a Bangalore based advanced engineering and consulting organization that specializes in Strategic consulting services, Turnkey solutions, Manufacturing and Supply chain management services with a team of 20+ members from various technical & non-technical disciplines. Backed by a combined experience of over 120+ years, we deliver unique& disruptive solutions catering to customer needs and are driven by enthusiasm and endurance to achieve this goal.

Our client, Energy Vault is the creator of renewable energy storage products that are transforming the world's approach to utility-scale energy storage for grid resiliency. Our client's comprehensive offerings include our proprietary gravity, battery, hybrid/green hydrogen energy storage solutions and our technology-agnostic software suite that orchestrates and integrates multiple energy asset types (storage & generation) while optimizing dispatch, costs, revenues, and overall asset performance.

**About the role**

We are seeking a highly skilled Senior Civil / Structural Engineer to join our Engineering Support Center in India. This role is critical in supporting our EPC (Engineering, Procurement, and Construction) projects related to substations and Battery Energy Storage Systems (BESS). The engineer will be responsible for reviewing civil and structural drawing packages developed by an EPC firm, ensuring compliance with project specifications, industry standards, and best practices. Additionally, this role will facilitate effective communication and coordination between our company, the EPC contractor, and the client.

**What you will do**

- Conduct detailed reviews of civil and structural drawing sets produced by the EPC contractor, ensuring compliance with project requirements and industry codes. Identify design issues or non-compliances and coordinate with the EPC contractor for resolutions.

- Act as a liaison between our company, EPC contractors, and the client, ensuring clear and timely communication of technical requirements and project updates. Track EPC deliverables, schedules, and milestones, ensuring timely submission and alignment with project timelines.
- Provide technical support for site-specific civil and structural challenges, including geotechnical assessments, soil analysis, grading, soil preparation, and structural load calculations.
- Collaborate with multi-disciplinary teams, including electrical and mechanical engineers, to ensure seamless integration of civil/structural components into the overall EPC package.
- Ensure compliance with environmental, health, and safety (EHS) standards, including stormwater pollution prevention plans (SWPPP) and soil stabilization measures in all civil/structural designs.
- Review and verify structural integrity for substation and BESS yard infrastructure, including equipment foundations, transformer pads, drainage plans, and cable trench designs.

**Qualification Requirements:**

- **Education:** Bachelor's or Master's degree in Civil Engineering, Structural Engineering, or a related field.

- **Experience:**

    - 8+ years of experience in civil/structural engineering, preferably in substation, energy infrastructure, or battery energy storage (BESS) projects.
    - Experience with executing projects in Australia and the United States.
    - Strong knowledge of structural analysis, steel and concrete design, geotechnical engineering, and foundation design.
    - Proficiency in engineering design codes such as AISC, ASCE, ACI, IBC, and local building regulations.
    - Familiarity with engineering design tools such as STAAD Pro, ETABS, AutoCAD, Revit, or similar software.
    - Experience in managing deliverables and coordinating with EPC teams.
    - Strong communication and stakeholder management skills, with the ability to engage with multi-national teams, clients, and contractors.

- **Preferred Qualifications:**
  - Experience in substation and renewable energy infrastructure.
  - Understanding of BESS project design requirements and site layout considerations.