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## Terms of Reference

<b>Position</b>	: Structural Engineer/Civil Engineer
<b>Qualification</b>	: BE/B.Tech in Civil Engineering (Preference shall be given to candidates with experience in structural design works)
<b>Grade &amp; pay</b>	: 7 / 21,990-550-32,990 with 20% HRA. Other benefits as per service rules and regulations. (In the case of candidates with work experience, grade and pay shall be commensurate as per their no. of work experience and shall be in line with the NHDCL service Manual)
<b>Reporting</b>	: General Manager/Manager, Infrastructure Development Division (IDD)
<b>Duty Station</b>	: Head quarter, NHDCL, Thimphu

### **Expected Outputs and Deliverables**

1. Responsible for analysis and design of any engineering structures (buildings, road, site developments, etc).
2. Responsible for producing detailed structural drawings and specifications of engineering infrastructures.
3. Provide technical backstopping especially structural issues to other divisions and sections.
4. Should supervise building works on site, prepare necessary instructions and maintain records of all aspects of the design and construction of projects.
5. Coordinate with Client on design and technical aspects of projects.
6. Prepare to engage in geotechnical related works in any projects.
7. Carry out engineering feasibility studies prior to and during conceptualization of all projects and also perform facility conditions survey of existing buildings.
8. Assess all Planning Applications in terms of structural adequacy and safety and make recommendations to the site execution unit.
9. Perform day to activities such as site visits to construction sites, monitor quality assurance, and solving engineering issues.
10. Prepare estimates and costing of the project whenever required.



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**Competencies:**

1. Excellent knowledge with engineering programming software, AutoCAD, Revit, Midas Gen and STAAD Pro.
2. Familiar with existing design standards and codes, building rules and their practices.
3. Proficiency in the use of computer programs such as outlook, PowerPoint and social tools.
4. Excellent writing, editing and oral communications skills in English and Dzongkha.
5. Networking and customer service oriented attitude.
6. Team player with the ability to maintain good work relations with individuals of different backgrounds, and to work under pressure