



LOCAL ROADS BRIDGE PROGRAMME (LRBP)

## **Traineeship Programme**

### **Job Description**

#### **Trainee Engineer (Civil)**

With the aim to develop the capability of the target group particularly Dalit, Janajati, Madhesi/Terai, and other minority community; Local Roads Bridge Programme (LRBP) intend to provide traineeship on various aspects of local roads bridge construction to the fresh graduate women engineers (preferably from these target groups), who obtained the bachelor degree in civil engineering. The traineeship programme will further enhance the capacity of trainee engineer enabling them to develop professional and practical expertise in the field of bridge engineering.

Under the overall guidance and supervision of the supervisor nominated by Local Road Bridge Support Unit (LRBSU) the Trainee engineer (Civil) will have opportunity in the survey, design, construction supervision, contract management, quality control and reporting activities of the bridges in the districts. Traineeship Programme will run for maximum one year.

In this context the Trainee Engineer (Civil) shall work in the Regional/Provincial offices of LRBSU and TBSU.

The roles and responsibilities of Trainee Engineer (Civil) are as follows:

#### ***A. When working with LRBSU:***

1. Participate as part of LRBSU team in the walkover survey, bridge design, construction supervision, contract management and quality control of bridge construction activities as per LRBSU guidelines.
2. Participate as part of LRBSU team in observing geo-technical investigation and sub-surface exploration for the proposed location of bridge.
3. Participate as part of LRBSU team in the awareness campaign on LRBP policy and guidelines to the stakeholders (DDC, LRCC, LRUC, community, contractors, consultants etc.)
4. Be familiar with LRBP social safeguard policies (environment, resettlement, workers welfare etc.) and provide support in its implementation.

#### ***When working with TBSU:***

1. Work as part of TBSU team in **planning and monitoring** by assisting Municipality and/or Rural Municipality with:

- consistence planning with the essence of TBS/LIDP (prioritizing Routine maintenance, Major Maintenance, Rehabilitation and New construction of Trail bridges),
  - optimized designing and estimating,
  - Supervision and Monitoring and quality control of trail bridge construction activities as per manuals and guidelines.
2. Work as a part of TBSU in providing **Technical Assistance (TA)** to Municipality and/or Rural municipality /District NGO to:
    - Survey socially and technically feasible and geologically sound bridge sites,
    - Check design and estimate against essence of TBS/LIDP and its core manuals,
    - Supervise and monitor the each bridges at the critical milestones,
    - Maintain quality assurance during fabrication and procurement of goods and services.
    - Ensuring Bridge wardens are appointed upon completion of each Trail Bridge (TB)
  3. **Capacitate partner** by co-working with TBSU through organizing trainings like Demonstration Model Bridge Training (DMBT) and Routine Maintenance Training (RMT) programs.
  4. Work as a part of TBSU in addressing **Social issues** by:
    - Assisting to facilitate Public Hearing, Public Review and Public Audit in community level
    - Ensuring social monitoring during the entire process from the community agreement till the completion of the bridge
    - Observing and ensuring that the policy related Disadvantaged Groups (DAGs) and GESIP honored

The Trainee engineer (Civil) shall report directly to the Supervisor/Mentor/Coach nominated by LRBSU and/or TBSU and through him/ her to the Team Leader, Deputy Team Leader and other specialists of LRBSU/TBSU as required.

### **Duty Station**

The duty stations depend on work availability suitable for a traineeship and could be in any of the districts where LRBSU support is actively present and/or Central Office decided by the LRBSU.

### **Training**

The trainee/Trainee will be trained on different aspects of the programme including technical aspects of Motorable Bridge and Trail Bridge along with Safety and Security briefing by SDC, prior to transfer to districts.

### **Reporting**

While the Trainees are in the state/district it is the responsibility of the respective Regional Bridge Coordinator to assist, guide and supervise the activities of the Trainees. The Trainees do not have any authoritative responsibilities but will assist the team when required in any field where LRBSU is associated with. The Trainees need to submit time sheets at the end of each month and acquire approval from the immediate supervisors as nominated by LRBSU and further forward it to the administration section. The Trainees are required to make a final report after the completion of their association with LRBSU.