

HELVETAS Swiss Intercooperation Nepal
Trail Bridge Support Unit (TBSU)
and
Local Roads Bridge Support Unit (LRBSU)

Scope for learning

Position: Intern Engineer -Civil

Location: Provincial Offices of TBSU and LRBSU with frequent travel to the field (at least 70% time field accompaniment). However, the place of posting can be changed as per project's need.

Reporting to: Assigned Supervisor/Mentor/Coach

Purpose:

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) and Trail Bridge Support Unit (TBSU) intend to provide Training/internship on various aspects of local roads bridge and trail bridge construction to the fresh graduate women engineers (preferably from these target groups), who obtained the bachelor degree in civil engineering. The internship programme will further enhance the capacity of Intern 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) and/or Trail Bridge Support Unit (TBSU), the Intern Engineer (Civil) will have opportunity in the survey, design, construction supervision, contract management, quality control and reporting activities of the bridges in the districts.

In this context the Intern Engineer (Civil) shall work in the provincial offices of LRBSU and TBSU.

The roles and responsibilities of Intern 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 (local government, 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 Intern 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.

Incumbent's Signature _____

Date: _____

Team Leader's Signature _____

Date: _____