



THE KATHMANDU POST

WITHOUT FEAR OR FAVOUR

Nepal's largest selling English daily
Printed simultaneously in Kathmandu, Biratnagar, Bharatpur and Nepalgunj

Vol. XXXIII No. 115 (8 pages) 7st 10
Friday, June 13, 2025 | 30-02-2082

39.8° C 11.0° C
Dhankothi Jomson



Government of Nepal
Ministry of Physical Infrastructure and Transport
Department of Roads

Development Cooperation Implementation Division
Strategic Road Connectivity and Trade Improvement Project (SRCTIP)
Babarmahal, Kathmandu

Request for Expression of Interest (REOI)

Notice No.: SRCTIP/09/081-82

Date of Publication: 13th June 2025

It is notified that Strategic Road Connectivity and Trade Improvement Project invites eligible Individual Consultants for the assignment titled below to indicate their interest in providing the following service.

S. N.	Contract Identification No.	Assignment Title	Duration of Total Service	Market Approach
1	SRCTIP-DOR-CS-IND-46	Geotechnical Engineering Expert (GEE) at DoR-GESU	24 months	Open and National

Interested Consultants may obtain Terms of Reference (TOR) for the mentioned assignment title and further relevant details from <https://dor.gov.np/home/notices>.

Expression of Interest must be delivered in written form to the given address (in Person or by email) by 1st July 2025 office hours.

- Project Director

Government of Nepal
Ministry of Physical Infrastructure and Transport
Department of Roads
Development Cooperation Implementation Division
Babarmahal, Kathmandu

**Procurement of Individual Consultant; Geotechnical Engineering Expert (GEE) at
DoR-GESU**
Contract Identification Number: SRCTIP-DOR-CS-IND-46
Notice No. SRCTIP/09/081-82

REQUEST FOR EXPRESSION OF INTEREST (REOI)

Date of publication: **June 13, 2025**

Country: Nepal

NAME OF PROJECT: Strategic Road Connectivity and Trade Improvement Project (SRCTIP)

Credit No.: 6673-NP

Assignment Title: Individual Consultant- Geotechnical Engineering Expert (GEE) at DoR-GESU

Reference No. SRCTIP-DOR-CS-IND-46

The Government of Nepal has received financing from the International Development Association (IDA) towards the cost of **Strategic Road Connectivity and Trade Improvement Project** and intends to apply part of the proceeds for consulting services. The consulting services (“the Services”) includes **hiring 1 (One) Individual Consultant as indicated in the table below in order to implement the project efficiently.**

Anticipated date for commencement of the services is **August 2025** and the tentative duration of the assignment of the individual consultant is depicted in the same table.

The Ministry of Physical Infrastructure and Transport, Department of Roads (DoR), now invites eligible individual Consultants for the assignment title mentioned below to indicate their interest in providing the Services, indicating the contract number. Interested Individual Consultants should provide latest Curriculum Vitae (CV) and any other information demonstrating that they have the required qualifications and relevant experience to perform the Services. The details of contract and duration for the specialist position is indicated below:

S.N.	Contract no.	Assignment Title	Duration of Total service	Market Approach
1	SRCTIP-DOR-CS-IND-46	Geotechnical Engineering Expert (GEE) at DoR-GESU	24 months	Open and National

The attention of interested Consultants is drawn to Section III, Paragraphs, 3.13, 3.15 and 3.16 of World Bank’s Procurement Regulations for IPF Borrowers, 6th edition February 2025 (“Procurement Regulations”), setting forth the World Bank’s policy on conflict of interest. A consultant will be selected in accordance with the Selection Methods for Individual Consultant set out in the World Bank, Procurement Regulations for IPF Borrowers, Sixth Edition February 2025.

Interested Consultant may obtain Terms of Reference (ToR) for the mentioned assignment title and relevant information from <https://dor.gov.np/home/notices>.

Further information can be obtained at the address below during office hours.

Expression of interest must be delivered in written form to the address below (in Person or by email) by **1st July, 2025 office hours.**

Attention: Project Director
Strategic Road Connectivity and Trade Improvement Project,
Babarmahal, Kathmandu, Nepal
Tel: +977-01-5903753
Email: dorfc@dor.gov.np; Website: <http://www.dor.gov.np>

Government of Nepal
Ministry of Physical Infrastructure and Transport
Department of Roads
Development Cooperation Implementation Division (DCID)
Strategic Road Connectivity & Trade Improvement Project (SRCTIP)

Terms of Reference
for
Geotechnical Engineering Expert (GEE) at DOR-GESU

Contract Identification No: -SRCTIP-DOR-CS-IND-46

June, 2025

Government of Nepal
Ministry of Physical Infrastructure & Transport
Department of Roads
Development Corporation & Implementation Division (DCID)
Strategic Road Connectivity & Trade Improvement Project (SRCTIP)

**Terms of Reference (ToR) for Geotechnical Engineering Expert
(GEE) at DOR-GESU**

1. INTRODUCTION

Government of Nepal (GoN) has received financing from the International Development Association ("World Bank") towards the cost of Strategic Road Connectivity and Trade Improvement Project (SRCTIP). The Department of Roads (DoR), Development Cooperation Implementation Division under the Ministry of Physical Infrastructure and Transport (MoPIT) is the implementing agency for the Component 2 & 3 of this project, and is responsible for the implementation, management, supervision and coordination. A Project Coordination Unit (PCU) has been established under the Development Cooperation Implementation Division (DCID) of DoR for carrying out activities related to the project which is responsible for coordination and implementation of the respective project activities. The PCU comprises of a Project Director (PD), Project Coordinators and Project Engineers (PE). There are other technical and managerial support staffs/consultants working within the PCU.

The Project Development Objective (PDO) of SRCTIP is to improve the efficiency and safety of selected transport infrastructure, improve the efficiency of cross-border trade, and strengthen capacity for strategic road network management in Nepal. SRCTIP comprises the following four components:

Component 1: Trade Facilitation

Component 2: Regional Road Connectivity

Component 3: Institutional Strengthening

Component 4: Contingent Emergency Response

To strengthen the institutional capacity of DoR under Component 3; DOR-DCID intends to support DoR-Geo Environmental Social Unit (GESU) by hiring a Geotechnical Engineering Expert to work on road side slope management activities and geotechnical services for highways, tunnels and bridges and related retaining structures. For the implementation of this component, the human resources available with the Department of Roads need support from the consultant in various aspects of program implementation. Therefore, Department of Roads, SRCTIP, Project Coordination Unit intends to hire individual consultant to support GESU for the effective implementation of program. This terms of reference has been prepared for an individual Consultant for the post of **Geotechnical Engineering Expert**. He or she will be working in GESU, DoR after assigned by DDG, Development Corporation & Implementation Division (DCID). The objective, role and responsibility of the post will be as described but not limited to followings.

2. OBJECTIVE

The main objective of the consultancy service is to provide support in overall geotechnical works as per requirement of GESU. Besides this, the consultant is required to assist/support Bridge Branch, DCID and other concerned offices as directed by DoR. The objectives are:

1. To provide expert's service on geotechnical investigations, site assessment and design of road side slopes, retaining structures, bridges and tunnels and other areas identified by GESU and/or as directed by DoR.
2. To assess the potential adverse impacts of the development project on the stability of slopes, and impact on the soil, water and natural environment.
3. To provide appropriate recommendations and remedies as well as mitigation measures to be adopted in case of failures of slopes/structures.
4. To prepare training packages and conduct trainings and workshops related to the geotechnical investigations, analysis, design of retaining structures and remedial measures, soil bio-engineering and geotechnical aspects of the road, bridges, tunnel etc.

3. SCOPE OF SERVICES

With the above set of objectives, the Geotechnical Engineering Expert is required to support and assist GESU in areas & manner listed but not limited to the followings:

1. Undertake field trips to the designated area and carry out field surveys to confirm desk study interpretation and gather supplementary data.
2. Identify, assess and prepare instability inventory maps (landslides, erosion, debris flow, scouring, toe erosion, creep, subsidence, land degradation, rock fall, planner failure, wedge failure, toppling etc.) within the study area; indicate the level of hazard posed by the instabilities; and prepare the slope map of the study area indicating the slope classification and level of hazards posed by the topography.
3. Identify, assess, and prepare the landslide maps for the instabilities and mark all water bodies (springs, creek, stream both seasonal and perennial, seepage, river etc) that have impacts on the study area in the map.
4. Assess the impacts on land use with particular emphasis on critical watershed areas, loss of agricultural and forest land, and impact of settlement/movement/cracks on the land use.
5. Identify and assess the strength of geological materials by conducting necessary field and laboratory test and analysis.
6. Assess the correlation between instabilities and geology (rock type, soil, and deposits), topography (slopes), land use, hydrology (rainfall, seepages and ground water) and determine the most significant factors that are responsible for causing the instabilities. If required, geophysical investigation should be conducted to verify the depth of groundwater, slip circle etc.

7. Analyze the stability of rock/soil slopes based on all probable instability factors and determine if the excavated rock/soil faces are likely to fail (planar sliding along a discontinuity, wedge failure, or toppling failure or any other).
8. Identify if the identified risk areas of ground are still moving or likely to move (evidence of tension cracking, high ground water, inflow of surface water, ground creep etc.)
9. Determine requirement for engineering structures such as retaining walls, landscaping, complementary bioengineering application or any other.
10. Assess the risks to existing infrastructure (houses, transmission towers, religious structures etc).
11. Recommend remedial measures for the prevention of instability problem.
12. On the basis of field information and analysis, recommend sustainable remedial measures such as soil nailing, anchoring, rock netting, horizontal drilled drains etc. as per site requirement.
13. Present the findings of site assessments and geotechnical investigation reports to GESU and/or DoR concerned office.
14. Carry out research work of various problematic slope areas, land subsidence, road subsidence, upheaval, bridge subsidence sites etc. under the jurisdiction of DoR and recommend the long-term remedial measures.
15. Review the existing bioengineering publications, norms etc. and recommend expertise suggestions for required improvements.
16. Assess the scope of bioengineering measures on roadside slopes.
17. Conduct training in slope stability, geotechnical remedial measures and bioengineering techniques for DoR engineers. Besides the trainings, with help of GESU and DCID hold at least 2 workshops per year to share the experiences of cases dealt in the various road sectors with details such as problems of slope instability, investigations carried out, analysis and identification of causes, alternative designs thought, selection of best alternative design with reason, design for mitigation/prevention, execution of the designed measures, monitoring of performance and maintenance, and outcome, as well as preparations for emergencies due to disasters before monsoon season.
18. Support GESU and/or DoR officials for preparing training packages, conducting trainings, monitoring of its effectiveness & recommending rooms for improvements.
19. Assist and support GESU/DoR in all other matters in their expertise as directed by GESU.

4. QUALIFICATION REQUIREMENT

The Consultant for the post of GEE should have following expertise and education:

Area	Qualifications and Experience of the Consultant
Education	Minimum: ▪ Master's Degree in Geotechnical Engineering/Engineering Geology or related fields. Preferable: ▪ PhD in Geotechnical Engineering/Engineering Geology or relevant field ▪ Training in Slope stability Analysis and prevention works or related field/Training in Bio-Engineering (Duration of training : 2 (two) weeks minimum)
Experience	A. General: ▪ Minimum: 15 years ▪ Preferable: 20 years B. Specific: i. Experience as geotechnical engineer in Road /Bridge Works ▪ Minimum: 5 years ▪ Preferable: 15 years ii. Assessment of slope, slope stability analysis and preparation of design for slope stabilization ▪ Minimum: 5 nos ▪ Preferable: 10 nos iii. Experience in Conducting Training in geotechnical aspects ▪ Minimum: 1 no ▪ Preferable: 3 nos iv. Additional Requirements: ▪ Registered in Nepal Engineering Council as per Nepal Engineering Council Act, 2055 (1999) or subsequent revision
Language	▪ Fluent in English and Nepali

5. REMUNERATION

The remuneration to the Individual Consultant shall be on the monthly basis, as a time-based contract. Expenses including per diem incurred through field and training visit to project sites/ field offices shall be reimbursed in arrears as incurred subject to approval of the travel by the GESU. Reimbursable expenses shall be paid as per contract. The consultant shall submit a detailed time-sheet showing the days and activities done under the DOR-GESU which will be verified by GESU and recommended for payment to DCID.

6. DURATION OF CONSULTANT'S SERVICE

The duration of the consulting services shall be for 24 months. The Consultant shall commence the work at least within two weeks from the date of signing the agreement. The contract may be terminated, if the project does not need the service due to the project's change in management needs and or poor performance of the consultant.

7. WORKING DAYS, LEAVE AND OVERTIME

The official working days and holidays will be as per GON official calendar. There shall be no extra payment for any overtime work. The Consultant should submit the monthly work plan at the start of each month.

Well in advance the Consultant should plan his/her work plan showing the site visits and let the DOR-GESU, Bridge Branch (BB), Federal Road Supervision and Monitoring Offices (FRSMO), and Road Division /Project Office (RDO/PO) know his/her program. A good coordination with the DRO's responsible team will be required while visiting the respective road/bridge sites.

8. TAXATION

The Consultant shall be fully responsible for all taxes imposed by Government of Nepal. The Consultant must be registered in VAT after signing the contract agreement, if not registered. The consultant will be responsible for the costs of the premium of any insurance plan including accidental insurance he/she takes up.

9. REPORTING

The Consultant should report bi-monthly to the Unit Chief of DOR- GESU or to the concerned offices authorized in an acceptable format not later than 15th day after the end of each reporting period.

10. LOGISTIC AND OTHER ASSISTANCE PROVIDED BY THE CLIENT

The Consultant will be provided an office space in the premises of the Department of Roads including furniture and internet. Training hall shall be provided by the client for conducting training to DoR officials. The expert has to manage the logistics and other requirements for the training by himself/herself (at DOR or at site).

Options for site visit transport: (1) Transport expenditures incurred during visit to work sites shall be reimbursed as per actual bill, (2) For the purpose of visiting road/bridge sites and works accomplishment a vehicle with driver shall be arranged by GESU/ or concerned offices as far as possible. This vehicle shall be exclusively used for the proposed works together with the other field-based team members or visiting persons from the GESU, Bridge Branch, FRSMO, and RDO.

DoR, BB, GESU and RDO will provide access to necessary DoR documents, contract documents, design, QAP, quality control, work schedule, and other relevant data available in the office for performance of the Consultant's service.

11. CONSULTANT'S RESPONSIBILITY

While working with the GESU, the Consultant shall be fully responsible for managing the taxes and accidental and or medical insurance that required covering his/her expenses. Tax clearance certificate and accidental insurance shall be submitted by the consultant in due course of time. The Consultant shall be responsible in managing his/her own lodging and other requirement during site visits.

Though mainly responsible to the GESU the Consultant should be working along with and reporting to the DROs, FRSMO office, BB, and DCID as required.

The Consultants shall not, during the term of this Contract and after its expiration, disclose any proprietary or confidential information relating to the Services, this Contract or the Client's business or operations without the prior written consent of the Client. The Consultant shall keep full records relating to all aspects of the work covered by his service contract. All original drawings, work sheets, field notes, computer programs, reports and other documents relating to the study shall become the property of the Government.

In addition to the above, the Consultant shall submit the reports not limited to the following during the course of services:

- The GEE shall prepare bi-monthly, and special highlighted reports separately to DOR-GESU and other concerned offices.
- Completion Report at the end of Service period.

12. AGREEMENT

The Consultant shall be required to enter into an agreement with Development Cooperation Implementation Division, Department of Roads on time-based Contract as per the provision of World Bank, Procurement Regulations for IPF Borrowers, Sixth Edition February 2025. An agreement shall be signed by both parties before the commencement of the work.