

Terms of Reference (Brief)

for

Consultancy service for Design Check and Construction Supervision of Bridge Construction Works in Narayanghat-Mugling Road

Background

The Road Sector Development Project Second Additional Financing (RSDP-AF II) with support from World Bank is aimed at achieving three key outcomes that support the project development objective (PDO): (i) Strengthening and / or replacement of vulnerable bridges; (ii) Enhanced resilience of RSDP roads; (iii) Strengthened planning for SRN roads and bridges

The PDO for the project is to provide all season road access thereby reducing travel time and improving access to economic centres and social services for the residents of beneficiary districts.

Part of the funding will be used for Consulting Service for Design Check and Construction Supervision of Construction of 14 (fourteen) number of Bridges in Narayanghat-Mugling Road with financing from World Bank under Road Sector Development Project Additional Financing II. The Narayanghat-Mugling road is under improvement stage to double lane bituminous standard with the support from World Bank under Nepal India Regional Trade and Transport Project (NIRTTP). There are other four bridges in Narayanghat-Mugling Road, which is under construction to two lane standard under financial support from NIRTTP.

The DOR now intends to engage an International consulting firm with specific experience in structural design check of design of bridges delivered by the Contractor as well as in construction supervision of bridges. The bridges are expected to have aesthetically pleasing, technically sound, durable and economically viable.

Objectives

- To conduct Structural design Check of the bridges delivered by the Contractor
- To ensure the bridges to be aesthetically pleasing, technically sound, durable and economically viable
- To act as an Engineer for construction Supervision of the bridges

REPORTING REQUIREMENT AND TIME SCHEDULE FOR DELIVERABLES

The consultant shall submit the deliverables both in hard and soft copies (in editable mode) as below with the following schedule

SN	Deliverables	No of hard copies	Time from the commencement
1	Inception report	6	15 days from the contract signing
2	Monthly Progress Report	6	every month
3	Quarterly Progress Report	6	every four months

Duration

The assignment shall be completed within a duration of 30 months from commencement.

Input from Clients

Consultant will work in close collaboration with DOR, Foreign Cooperation Branch, Road Sector Development Project and project office. The DOR will provide existing information and other documents related to the assignment.

The Consultant will make his own arrangements for office space, office furniture, computers, transport, site visits and consumables during service and make provision for the same in his financial proposal. No provision of purchase of vehicles shall be made by the consultants in their financial proposal.

TEAM COMPOSITION

The Consulting firm will require to team comprising following personnel with necessary administrative staff and support staff:

1. Team Leader (International)
2. Bridge Engineer (international)
3. Structural Engineer
4. Geologist
5. Resident Engineer
6. Assistant Resident Engineer
7. Inspector of Works
8. Material Engineer
9. Environmentalist
10. Sociologist
11. Senior Laboratory Technician