

**REQUEST FOR EXPRESSIONS OF INTEREST
(Consulting Services – Consultant Qualification based
Selection (CQS))**

INDIA

MEGHALAYA INTEGRATED TRANSPORT PROJECT

Project ID: P-168097

**Assignment Title: Engagement of Consultancy Services for Design of Minor/ Major
Bridges in the State of Meghalaya**

Reference No. (as per Procurement Plan): IN-PWD-123021-CS-CQS

The Government of Meghalaya has applied for financing from the World Bank toward the cost of the Meghalaya Integrated Transport Project and intends to apply part of the proceeds for consulting services.

The consulting services (“the Services”) include

- (i) to finalize the selection of the most viable/ feasible/ economical site for the construction of bridge on the existing road or on a new road to be constructed by studying the course of the stream, its meandering tendency, existence of firm banks, confluence with other streams, alternative sites, Hydraulic survey, Design Discharge, H.F.L, L.W.L, Scour depth, type of foundation, length of the structure by studying the existing bridges on the river in the vicinity (Upstream & Downstream) and span arrangements.
- (ii) to undertake detailed Hydraulic survey of the finally selected site to decide the design discharge, linear waterway, scour depth, afflux and vertical clearance above H.F.L., including sub-soil investigation etc.
- (iii) to develop cost effective keeping in mind both the options i.e. Steel bridges & RCC bridges, Innovative and Aesthetically pleasing structure with due considerations given to the site conditions & Environment friendly, climate resilient keeping in consideration the hilly terrain and construction friendly designs of Bridges with latest innovative technology. The design shall conform to the specifications & design parameters contained in relevant Indian Roads Congress Codes / Ministry of Road Transport & Highways specifications/ guidelines and circulars (latest versions).
- (iv) to design appropriate river training works including slope pitching, Toe wall, Guide Bunds, apron, launching apron etc, if any required with full justification, keeping in consideration the hilly terrain, and
- (v) Preparation of the General Arrangement Drawing (GAD) and methodology (philosophy) of the design
- (vi) Design of different parts of the Bridge (Structure)
- (vii) Preparation of technical specifications of all the works involved in construction of the bridge project in totality including quality assurance plan for the same

- (viii) Preparation of cost estimate including details of measurements, Bill of Quantities and analysis of rates; and
- (ix) to transfer the technology and develop skill of PWD engineers in design of major/minor bridges.

The Meghalaya Public Works Department (R&B), Government of Meghalaya (PWD) now invites eligible consulting firms (“Consultants”) to indicate their interest in providing the Services. Interested Consultants should provide information demonstrating that they have the required qualifications and relevant experience to perform the Services. The short listing criteria are:

- Experience of the consulting firm
- Turn-over of the existing firm of last 5 consecutive financial year, from the year of REOI.
- Experience of the firm in preparing the cost-effective designs and cost estimates of bridges over river/roads in hill areas specifically in North-Eastern States of the India.
- Qualifications and Experience of the key personnel of the consultancy firm.

The TOR for the activity is also enclosed.

The employer intends to engage the services of a consultant for the aforementioned works.

The attention of interested Consultants is drawn to paragraph 3.17 of the World Bank’s *Procurement Regulations for IPF Borrowers, July 2016* as amended from time to time [*under IBRD Loans and IDA Credits & Grants*] by the World Bank Borrowers, setting forth the World Bank’s policy on conflict of interest.

Consultants may associate with other firms in the form of a joint venture or a sub consultancy to enhance their qualifications.

A Consultant will be selected in accordance with the Consultant’s Qualification based Selection (CQS) method set out in the Consultant Guidelines of the World Bank.

Further information can be obtained at the address below during office hours i.e., 11:00 am to 03:00 pm.

Expressions of interest must be delivered in a written form to the address below (in person, or by mail, or by fax, or by e-mail) by [*insert date*].

O/o The Chief Engineer PWD (R&B), Meghalaya Shillong.

Attn: B.P. Marak, CE(NH)

Address with postal code:

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