

**REQUEST FOR EXPRESSION OF INTEREST
(SELECTION OF INDIVIDUAL DESIGN CONSULTANT)
Disaster Preparedness and Resilience Project (U-PREPARE)**

Loan No. – 9654-IN

Assignment Title: Individual Design Consultant

The Government of India has applied for financing from the World Bank toward the cost of the Uttarakhand Disaster Preparedness and Resilience Project (U-PREPARE), and intends to apply part of the proceeds for consulting services for Individual Design Consultant for Proof checking of the DPRs (Design & Drawings) of proposed bridges under U-PREPARE.

The Program Manager PIU-PWD now invites eligible individuals (“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 (attach curriculum vitae with description of experience in similar assignments, similar conditions, etc.). Firms’ staff may express interest through the employing firm for the assignment and, under such situation, only the experience and qualifications of individuals shall be considered in the selection process. The criteria for shortlisting the Consultant is given below in point no. 2).

1) Scope of work: -

- a) Proof checking and updating Detailed Project Report (DPR) for item rate contract Bridges & issue bridge design safety certificate**
 - i) To prepare bridge Model in design software (Staad, Madas, Sap etc.) or prepare design excel sheets on the basis of General Arrangement Drawing (GAD) in DPR.
 - ii) Check design safety & stability as per IRC codes.
 - iii) If any structure member is unsafe, correct the design and incorporate the design calculation & drawing in DPR.
 - iv) Issue the design safety certificate for corrected design & drawings.
- b) Review & share the Observations on Detailed Project Report (DPR) for EPC contract Bridges & issue bridge design safety certificate after getting the corrected Detailed Project Report (DPR) from EPC designer.**
 - i) To review the Design & drawings submitted by the EPC contractors.
 - ii) Share the Observations/Corrections required as per relevant IRC codes in design & drawings.
 - iii) Issue the design safety certificate after getting the corrected design & drawings from EPC designer.
- c) Proof checking of specific components of bridges as required during construction.**
 - i) Proof checking of Retaining structures as per relevant IRC codes.
 - ii) Proof checking of bridge erection drawing or Launching scheme as per relevant IRC codes.

- iii) Proof checking of Shop Drawing of steel Super-structure.
- iv) Proof checking of bearing design as provided by supplier/manufacture

d) **Site visit if required.**

2) Short Listing Criteria: -

a) Educational qualification

- i) B-Tech or equivalent in Civil Engineering.
- ii) M-Tech or equivalent in Structural Engineering.

b) Work Experience

- i) Minimum 12 years of experience in bridge design specially in steel bridges.
- ii) Designed at least 50 numbers of Major Bridges and in which at least 10 numbers of Bridges designed for the Central/State Government or PSU as per following:
 - (a) 05 Numbers of Steel Major bridges.
 - (b) 05 Numbers of PSC/RCC Major bridges.
- iii) Expertise in latest software in Bridge design & familiar with design challenges in hilly region.

Note: - The above short-listing criteria is minimum mandatory criteria, the Individual not meeting the above-mentioned requirement in point no a) to b) shall not be shortlisted.

3) Payment terms: -

Payment of the Individual Design Consultant-Bridge will be done on the Deliverable's basis attached in Annexure-3 as per the rates quoted by selected Individual Design Consultant.

4) Terms and Conditions: -

a) Modification or Variation: -

Any modification or variation of the terms and conditions of this MOU/Agreement, including any modification or variation of the scope of the work or time or cost, may only be made by written agreement between the Parties through amendment/modification. However, each Party shall give due consideration to any proposals for modification or variation made by the other Party.

b) Additional Services: -

The Consultant shall, if so, required by the client, provide any additional services at rates or man-month rates as per agreement, or as mutually agreed upon, as a variation order.

c) Change of Law clause: -

Program Director / Program Manager U-PREPARE reserve the right to amend/modify/delete/substitute/alter etc. any of the provision of TOR anytime in the Public/Administrative and Project interest.

d) Termination clause: -

This MOU/Agreement may be terminated by either Party as per provisions set up below:

i) By the Client

The Client may terminate this MOU/Agreement in case of the occurrence of any of the events specified in paragraphs (a) through (d) of this Clause. In such an occurrence the Client shall give at least thirty (30) calendar days' written notice of termination to the Consultant.

- (a) If the Consultant fails to remedy a failure in the performance of its obligations hereunder, as specified in TOR.
- (b) If the Consultant becomes insolvent or bankrupt or enter into any agreements with their creditors for relief of debt or take advantage of any law for the benefit of debtors or go into liquidation or receivership whether compulsory or voluntary.
- (c) If the Client, in its sole discretion and for any reason whatsoever, decides to terminate this MOU/Agreement.
- (d) Furthermore, if the Client determines that the Consultant has engaged in Fraud and Corruption in competing for or in executing the MOU/Agreement, then the Client may, after giving fifteen (15) calendar days written notice to the Consultant, terminate the Consultant's employment under the MOU/Agreement.

ii) By the Consultant

The Consultant may terminate this MOU/Agreement, by not less than thirty (30) calendar days written notice to the Client, in case of the occurrence of any of the events specified in paragraphs (a) through (b) of this Clause.

- (a) If the Client fails to pay any money due to the Consultant pursuant to this MOU/Agreement and not subject to dispute pursuant to within forty-five (45) calendar days after receiving written notice from the Consultant that such payment is overdue.
- (b) If the Client is in material breach of its obligations pursuant to this MOU/Agreement and has not remedied the same within forty- five (45) calendar days (or such longer period as the Consultant may have subsequently approved in writing) following the receipt by the Client of the Consultant's notice specifying such breach.

e) Dispute Clause: -

The dispute in MOU/Agreement will be addressed by Program Director, PMU-UPREPARE (Adjudication/Arbitration clause is not applicable).

f) Other Clauses: -

1. Consultant must assure Correctness and quality of Bridge Design checking and recommendation as per relevant IRC Code.
2. The rates quoted by the Consultant shall be exclusive of GST which will be paid / adjusted by the Employer at the time of payment of the bills of the consultant and shall be deemed to be Inclusive of all other taxes that the Consultant will have to pay for the performance of this Contract. The Employer will perform such duties In regard to the deduction of such taxes at source (TDS) as per applicable law. The rates of GST at the time of payment of the bills of the Consultant.
3. Consultant must join the online/offline meetings when required.

5) Expressions of Interest (EOI) must include the following: -

- a) Submit the CV with educational & work experience as per attached format Annexure-01.
- b) Submit the Detail list of 50 numbers of Major Bridges as per Annexure-02.
- c) Submit the experience certificate of 10 numbers of Bridges as following:
 - (i) 05 Numbers of Steel Major bridges.
 - (ii) 05 Numbers of PSC/RCC Major bridges.
- d) *Interested consultants (including firms)* has to submit the GST number. In case of non-availability of GST number, a declaration has to be submitted along with the proposal with a condition that they must avail the GST numbers if get selected.
- e) Submit the rates in Quotation Performa for Individual Design Consultant-Bridge attached in Annexure-03 in separate sealed envelope.
- f) The EOI should contain sufficient supporting document to substantiate the claim of the Individual Design Consultant towards their qualification as per the shortlisting criteria.

Final Selection process of Individual Design Consultant will be done after the carefully scrutinization of the documents submitted by the various interested consultants shortlisting would be done according to point no. 2 mentioned above. The award for Individual design Consultant would be given according to comparative cost effectiveness based on annexure-03 as proposed by the interested Consultants.

The attention of interested consultants (including firms) is drawn the Bank's "[Procurement Regulations for IPF Borrowers World Bank Procurement regulations for IPF Borrowers Fourth Edition November 2020](#) ("Procurement Regulations"), setting forth the World Bank's policy on conflict of interest.

Further information can be obtained at the address below during office hours between 10:00 AM to 05:00 PM.

Expression of Interest must be delivered in a written form to the address below (in person, or post only, no other means shall be accepted) by 12-March-2025 at 05:00 PM.

to:

PROJECT IMPLEMENTATION UNIT

The World Bank Assisted

UTTARAKHAND DISASTER PREPAREDNESS AND RESILIENCE PROJECT (U-PREPARE), INDIA

Attn: Shri. Vineet Kumar, Program Manager, PIU-PWD, U-PREPARE.

5th Floor, USDMA Building, 36 IT Park, Sahastradhara Road,

Dehradun, Uttarakhand-PIN: -248013

Contact No:- 9411166945, 9759001154

email: piupwd@ukdisasterrecovery.in

Website: www.ukdisasterrecovery.in

Annexure-1

TEMPLATE FOR CURRICULUM VITAE (CV)

Name of Expert:	
Date of Birth:	
Country of Citizenship/Residence:	

Education:

Year of Passing	Qualifications (M-tech/M. E/MSc-Structural engineering & B-tech/B. E in civil engineering)	Name of the Institution/college	Grade/ Percentage/ CGPA

Employment record relevant to the assignment: { Starting with present position, list in reverse order. Please provide dates, name of employing organization, titles of positions held, types of activities performed and location of the assignment, and contact information of previous clients and employing organization(s) who can be contacted for references. Past employment that is not relevant to the assignment does not need to be included. }

Period	Employing organization and your title/position. Contact information for references	Country	Summary of activities performed relevant to the Assignment

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Reference to Prior Work/Assignments that Best Illustrates Capability to Handle the Assigned Tasks

Certification:

{ day/month/year}

Date _____

Annexure -2
List of 50 Numbers of bridges designed for any PSU or state/central Government.

Sr. No.	Name of Bridge	Type of Bridge	Span length	Name of Client
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2				
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Annexure-3
Quotation Performa for Individual Design Consultant-Bridge (Deliverable's basis)

Sr No.	Items	Major Activity	Rates of Major Activity (Excluding GST)	Sub Activities involved but not limited to following
1	2	3	4	5
1	Bridge Work	Proof checking of Shallow Foundation as per relevant IRC codes	Rs.....	Checking of Bore log data & Geotechnical report.
				Checking of Hydrological Data.
				Design checking of shallow foundation
		Proof checking of deep foundation as per relevant IRC codes	Rs.....	Checking of Bore log data & Geotechnical report.
				Checking of Hydrological Data.
				Design checking of shallow foundation
		Proof checking of substructure based on relevant IRC codes	Rs.....	Design checking of Abutment/ Pier shaft.
				Design checking of Abutment/ Pier cap.
		Proof checking of super-structure upto 60 Mtr Span based on relevant IRC codes	Rs.....	Design checking of RCC/ PSC/ Steel Girder or Truss.
				Design checking of Deck slab.
		Proof checking of super-structure above 60 Mtr Span based on relevant IRC codes	Rs.....	Design checking of RCC/ PSC/ Steel Girder or Truss.
				Design checking of Deck slab.
2	Protection Work	Proof checking of Retaining structure based on relevant IRC codes.	Rs.....	Checking of Geotechnical Data
				Stability checks of Retaining Structure.
				Design check of Retaining Structure.
3	Mis-cellaneous Works	Proof checking of bridge erection drawing or Launching scheme.	Rs.....	Checking of erection methodology
				Checking of stress reversal in members.
		Proof checking of shop Drawing of steel Super-structure	Rs.....	Checking of camber profile as per IRC code
				Checking of connection details.
		Proof checking of bearing design as provided by supplier/ manufacturer	Rs.....	Checking of bearing arrangement plan.
				Checking of bearing design calculation.
		Proof checking of connection joints.	Rs.....	Checking of connection design calculation.
		Site visit charges per day if required. (Vehicle will be provided by Employer)	Rs.....	

Note: Maximum time to complete any activity shall not be more than 03 days.

TERMS OF REFERENCES FOR INDIVIDUAL DESIGN CONSULTANT- BRIDGE

Assignment Title	:	Individual Design Consultant – Bridge
Project	:	Uttarakhand Disaster Preparedness & Resilience Project (U-PREPARE)
Location	:	PIU- PWD, U-PREPARE, 5 th floor USDMA Building, IT Park, Dehradun
Start Date	:	Immediately.
Responsible to	:	Program Manager/Dy. Program Manager, PIU-PWD.
Responsible for	:	Assist the PMU/PIU for review of Design of Bridge proposed under U-PREPARE
Type of Input	:	Intermittent
Duration of assignment:		Maximum duration of assignment shall be from Feb-25 to August-25 with intermittent input as per the requirement of project.
Consultancy Fee	:	As per deliverables basis (enclosed) (Consultancy for the above assignment as per rate quoted in deliverables paid on submission of invoice after verification of activities performed.)

Individual Design Consultant Qualification:

(I) Educational qualification

- a) B-Tech or equivalent in Civil Engineering.
- b) M-Tech or equivalent in Structural Engineering.

(II) Work Experience

- a) Minimum 12 years of experience in bridge design specially in steel bridges.
- b) Designed at least 50 numbers of Major Bridges and in which at least 10 numbers of Bridges designed for the Central/State Government or PSU as per following:
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Scope of Work:

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Program Director /Program Manager U-PREPARE reserve the right to amend/modify/delete/substitute/alter etc. any of the provision of TOR anytime in the Public/Administrative and Project interest.
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3. Consultant must join the online/offline meetings when required.