

Expression of Interest (EOI) for Empanelment of Bridge Experts in NHIDCL

Subject: -To inspect the failed/completed/on-going structures and checking of bridges/structures proposed in DPR from time to time as and when required for projects in NHIDCL.

1. Introduction

The National Highways & Infrastructure Development Corporation Ltd (NHIDCL) is mandated for the development and maintenance of National Highways, Bridges, Tunnels, and other infrastructure works. To ensure effective monitoring and implementation of bridge works, NHIDCL seeks to empanel qualified Bridge Experts for third-party checks and inspections of various structures.

2. Scope of Work

The empaneled Bridge Experts will be responsible for:

- Inspection of failed, completed, and ongoing structures such as Bridges, VUP, VOP, ROB, RUB, Flyovers etc.
- Study & provide comments on Detailed Project Reports (DPR) of upcoming structures.
- Participate in technical discussions and providing inputs via email or video conferencing as required.

3. Eligibility Criteria

- **Educational Qualification:**
- **(i) Minimum:-** Graduate in Civil Engineering or equivalent from a recognized university.
- **(ii) Desirable :-** Master in structural Engineering
- **Age Limit:** Maximum age of 70 years. Initial empanelment for 2 years, extendable up to 70 years.
- **Disqualification:** Persons blacklisted by MoRTH, State PWDs, NHAI, NHIDCL, or any other Government organization are disqualified.

- **Professional Experience:**

For Bridge Experts:

- a. At least 20 years of total professional experience, with a minimum of 10 years in design / construction/supervision of major bridges /ROBs / RUBs /Underpasses/Flyovers/ Interchanges.
- b. At least 15 years of total professional experience in design / construction / supervision of major bridges (more than 100m spans) / ROBs / RUBs / Underpasses / Flyovers/ Interchanges.

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- c. **Modern Bridge Construction Technology:** Experience in modern bridge construction technologies such as Pre-Cast Segmental, Balance Cantilever construction, Extradosed bridges, and Cable Stayed bridges etc.
 - d. **Additional Qualifications:** Experience in major bridge design/DPR preparation/feasibility study/design review of transportation bridge projects in hilly terrains. Preference may be given to candidates with a Ph.D. or Master's in Structural Engineering/Foundation Engineering/Geotechnical Engineering.

For Retired Government/PSU Engineers: Retired from the post of Superintending Engineer (SE) or equivalent (CGM, ED) and above from MoRTH, CPWD, NHAI, NHIDCL, MES, BRO, State PWD, IRCON, Metro Rail Corporation, IA (Corps of Engineers), etc., with at least 20 years of experience in design / construction / supervision of major bridges (with at least 5 years' experience in more than 100m spans) / ROB's / RUBs / Underpasses / Flyovers/ Interchanges.

4. Evaluation Criteria

The proposals will be evaluated based on the following criteria, with a minimum requirement of 75 marks out of 100:

Sr. No.	Description	Subcategory for Marks	Maximum Marks
1	General Qualification		25
1.1	Degree in Civil Engineering with experience in design and construction of Bridges/Structures		
1.1.1	Experience ≥ 20 Years < 25 years	20	
1.1.2	Experience ≥ 25 Years	25	
2	Ph.D./ master's degree in Structural Engineering/ Foundation Design/Geotechnical Engineering		5
3	Experience in minimum of 10 years in Design / Construction / Supervision of major bridges / ROB's/RUBs/Underpasses/Flyovers/Interchanges.		25
3.1	Experience ≥ 10 years < 15 years	12	
3.2	Experience ≥ 15 years < 20 years	18	
3.3	Experience ≥ 20 projects	25	
4	Experience in Design / Construction / Supervision of major bridges (more than 100m spans) / ROB's / RUBs / Underpasses / Flyovers/ Interchanges.		10
4.1	Experience ≥ 5 projects <10 projects for MJB more than 100 m	04	
4.2	Experience ≥ 10 projects <15 projects for MJB more than 100 m	07	
4.3	Experience ≥ 15 projects for MJB more than 100 m	10	

5	Experience in modern bridge construction technologies such as Pre-Cast Segmental, Balance Cantilever construction, Extradosed bridges, and Cable Stayed bridges.		25
5.1	Experience ≥ 1 projects <3 projects	12	
5.2	Experience ≥ 3 projects <5 projects	18	
5.3	Experience ≥ 5 projects	25	
6	Additional Qualification: Experience in major bridge design/DPR preparation/ feasibility study/ design review of transportation bridge projects in hilly terrains.		10
6.1	Experience ≥ 4 projects < 6 projects	04	
6.2	Experience ≥ 6 projects < 8 projects	07	
6.3	Experience ≥ 8 projects	10	
	Total Marks		100

5. Application Process

Interested Bridge Experts must be registered on the INFRACON portal (www.infracon.nic.in) and upload their credentials and Curriculum Vitae. The duly filled application form, along with the INFRACON CV, should be submitted via post or email by 15.10.2025 to the following address:

Shri Surendra Yadav

GM (Bridge Cell), NHIDCL

1st & 2nd floor, Tower-A, World Trade Center

Nauroji Nagar, New Delhi-110029

Contact No: 011-26768958

Email: Surendra.yadav1962@nhidcl.com / bridgecellnhidcl@gmail.com

NOTE 1: Any change or amendment to this EOI will be posted on the NHIDCL Website only.

NOTE 2: Incomplete applications or those received after the prescribed date shall be summarily rejected.

6. Terms of Reference (ToR)

I. Role and Responsibilities

The Bridge Expert shall be part of an expert committee or work on an individual basis to:

- Conduct site inspections of failed, completed, and ongoing structures such as Bridges, VUP, VOP, ROB, RUB, Flyovers, etc., within NHIDCL projects.
- Submit detailed inspection reports within the specified timeline.

- Study and provide comments on the Detailed Project Reports (DPR) of bridges, VUP, VOP, ROB, RUB, Flyovers, etc., within the specified timeline.

II. Conflict of Interest & System Assessment

The Bridge Expert must ensure there is no conflict of interest with any Contractor, Concessionaire, Authority's Engineer (AE), Independent Engineer (IE), Supervision Consultant (SC), Design Director, Proof Consultant, DPR Consultant or any other entity associated with the project.

The Bridge Expert shall:

- Evaluate the entire system in place by the Contractor, Concessionaire, or Consultant for the construction and maintenance of bridges.
- Review the level of implementation, supervision, and control mechanisms.

III. Reporting & Timelines

The committee or individual Bridge Expert shall adhere to the following reporting and timelines for completion of assignment (T) by NHIDCL:

- **Preliminary Report Submission:** $T1 = T + 4$, where T is the start date of the assignment at site.
- **Final Report Submission:** $T2 = T1 + 10$ days

IV. Compliance & Document Verification

The Bridge Expert shall:

- Ensure compliance with specified requirements as published by IRC, MoRTH, NHAI, BIS, and other relevant standards.
- Include all relevant details and documents in the report.
- Suggest suitable remedial measures and actions to restore failed structures and ensure the continuation of construction and O&M activities.
- Verify adherence to good engineering practices.

V. Implementation Arrangements

The Bridge Expert may:

- Utilize field laboratories established by the Contractor for testing.
- Conduct specific tests in District/Regional/State level laboratories of the employer, NABL accredited labs, or Government engineering colleges.

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- Receive full support from NHIDCL for tasks such as sample collection, transportation, and testing.
 - Have complete access to project documents, assisted by the concerned GM (P) / DGM (P) of NHIDCL.

VI. Confidentiality

The Bridge Expert shall not disclose any technical information or data relevant to the project to any third party without prior written permission from NHIDCL.

7. Remuneration and Expenses

Sr. No.	Particulars	Amount Payable
1	Per day fee during site inspection	Rs. 30,000/- per day
2	Lodging & Boarding charges per day	Lodging & Boarding will be arranged by concerned PMU, as per entitlement of ED level officers. During travelling their Food is arranged by RO/PMU Rs. 2000/- per day.
3	Travelling Expenses	(i) Economy class air fare/first class AC railway fare. (ii) If the travel from the residence to airport, railway station and back is by road then the fair pay will be Rs. 20/- per Km. Travel from Airport, railway station of visiting state will be arranged by concern RO/PMU. Note:- The tickets are to be purchased from Balmer Lawrie and company, Ashok Tours and travels or IRCTC. A copy of the ticket indicating the amount paid along with boarding pass is required to be submitted along with TA bill.
4	Travel by AC Taxi/by own car	Rs. 20/- per Km (Idle travel of own car after drop/ for pickup is not payable)
5	DA during journey period	Rs. 2,000/- DA per day
6	Fee for preparation of inspection report	Rs. 30,000/- (Lumpsum)
7	Fee for preparation of follow-up compliance report	Rs. 10,000/- (Lumpsum)
8	Fee for peer review of DPR Bridges	Rs. 30,000/- per DPR/project
9	Miscellaneous	No additional fee shall be payable for any other work.

Note:

- Lodging, boarding and travelling expenses may be allowed only for those experts who are residing 100 km away from the place of meeting/ Visit.
- The Expert may visit to the Northern States and Border States and also to Neighboring countries for the projects entrusted to NHIDCL.
- The payment to the Bridge Experts will be released after submission of final report by the expert committee on recommendation of concerned RO's after approval of Competent Authority.
- The payment to the Bridge experts will be released after the comments of bridges DPR and its PATSC presentation recommended by concerned ED(T) and after approval of Competent Authority in NHIDCL.

✓ 27-08-2015

Annexure- I

Recommendation for Empanelment of Bridge Expert for Projects in NHIDCL

(For retired Government/PSU Engineers)

Format of Curriculum Vitae (CV) (For Empanelment as Special Project Monitor)	
	Affix recent photograph

A.	Personal Details			
1.	Name			
2.	Date of Birth (dd/mm/yyyy)			
3.	Correspondence Details			
	Address			
4.	Mobile Number			
5.	Alternate Contact Number			
6.	E-mail Address			
7.	Organization from which retired			
8.	Post from which retired			
9.	Date of Retirement			
10.	Membership of Professional Bodies			
B. Qualification (Graduation and above)				
Sr.No.	Year of Passing	Degree/Qualification	Institution/University	Discipline
1.				
2.				
3.				

Sl no	Employer/organisation	Post/Designation	From	To	Location/place of posting	Brief Description and duties and Responsibilities

C. Employment Details of 20 years prior to Date of retirement:-

D. Work Experience After Retirement Date						
S.No	Employer/ Organization	Post/Designation	Duration		Location/place	Brief Description of Duties and Responsibilities
			From	To		
1.						
2.						
3.						
4.						

DECLARATION

I hereby declare that:

1. The information furnished above is correct.
2. The undersigned has not been debarred/blacklisted by any Government (Centre/State)/PSU or any other Organization.
3. It is also certified that at the time of superannuation, no disciplinary proceedings and/or vigilance cases and/or criminal cases were pending nor have they been initiated against me after retirement superannuation.

I, the undersigned, certify that to the best of my knowledge and belief, this Bio-Data furnished by me correctly describes my educational qualifications, my experiences and about myself. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if empanelled as Bridge Expert by NHIDCL.

Signature of the Candidate
(Name of the Candidate)

Date:

(On the letter head of the recommending authority. It should have full name, Designation, address and telephone number of the signatory, so that it can be verified.

Date:- xx.xx.xxxx

To,
The Managing Director,
NHIDCL
1st & 2nd Floor, Tower-A, World Trade Center
Nauroji Nagar, New Delhi-110029

Subject: Recommendation for Empanelment of Bridge Expert for projects in NHIDCL
Project

Sir,

Shri (name of the candidate), was a regular employee of (name of the State Government department/Government of India organisation/PSU) and has retired from the active service on (Date of retirement).

2. Shri... (name of the candidate) has high ethical standards and his/her integrity is beyond doubt. No penalty related to corrupt practices was imposed on him during his active Government service and no departmental enquiry is pending against him.

3. This department has no objection for his empanelment as Bridge Expert for Projects in NHIDCL.

Yours sincerely,

Signature of the Recommending Authority
(Name and Designation)

Annexure-II

(For Independent/Individual Engineer)

BIODATA FORMAT TO BE SUBMITTED WITH PROPOSAL

1. Proposed position
2. Name
3. Contact address with
Tel. No. & e-mail ID
4. Date of birth
5. Nationality
6. Educational qualification:
7. Other training
8. Language & degree or proficiency:
9. Membership of professional societies:
10. Countries of work experience
11. Name of the firm where working
(indicate whether full time/ part time employee or retainer)
12. Years with the firm
13. Employment record
Name of the employer
Position held
Description of duties
14. Overall Professional Experience in Bridge Engineering (in years)
15. Details of the Related Work Experience

Item	Sl.no	Brief description of the project/study	Name of the Client	Cost of Consultancy work (Rs. in lakhs)	Period of Completion	Description of the actual services provided by the key person
					Date of start	Date of Completion

NOTE: -The CVs must be signed by technical personnel and counter-signed by authorized representative in ink on each and every page and should not be older than three months from the date of submission of application. Photograph of the Technical personnel shall be affixed on their respective CVs. The contact address with telephone / mobile number, e-mail ID of the Technical personnel should also be furnished. The CV must include the self-attested copies of the educational qualification for graduation and post-graduation in civil engineering. Distance/Correspondence Education for post-graduation shall not be acceptable. Unsigned CVs or CVs with incomplete information shall not be evaluated.

Annexure-III

(For Consulting Firms)

RELEVANT SERVICES CARRIED OUT BY THE FIRM WHICH ILLUSTRATES THEIR BEST QUALIFICATIONS

Project Name		Country	Project location within Country
Date of Agreement:		Professional staff provided: a. No. of staff b. no. of man-months	
Name and address of client:			
Start date (month/year)	Completion date	Approx. value of consultancy services: (cost as per Agreement in INR(Lakhs) [In case of Agreement with proof shall be submitted])	
Whether project was done alone or as a JV or in association with other firm/ firms:			
No. of man-months of professional staff provided by associated firm (s)			
Name of Senior staff involved and functions performed: (Functions performed by the associated firm (s) to be given separately)			
Narrative Description of Project:			
Length of Bridge (in m)		Span configuration of bridge (in m):	
Design review/proof Checking of Bridges			

Annexure-IV

Detailed Information in respect of TECHNICAL PERSONNEL available with the FIRM

S.no	Name	Academic Qualification Degree (Civil) /Masters*	Name of Academic Institute	Year of Passing	No. of years' experience in Bridge Engineering with type of bridges	Signature of respective technical personnel

Sign of the Authorized Signatory of the firm

- Doctoral /Masters in structural engineering with relevant experience may be preferred.

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Annexure-V

Under taking regarding NON-DEBARRMENT/ BLACKLIST/DETAILS OF LITIGATION HISTORY

Annexure-VI

**Undertaking for willingness for availability for the assignment from the
person/firm**

DECLARATION/UNDERTAKING BY APPLICANT

I/We hereby solemnly undertake/declare that the particulars stated in this application for empanelment in NHIDCL are true and correct to the best of my/our knowledge and belief. Any information, if found to be incorrect, wrong or misleading, will render me/us liable to rejection of my/our application and cancellation of empanelment at any stage even after empanelment and suitable action as per concerned department will be taken against me/us.

