

## Expression of Interest for Empanelment of Tunnel Expert

The National Highways & Infrastructure Development Corporation Ltd (NHIDCL) has been mandated for development and maintenance of the National Highways, Bridges, Tunnels and other Infrastructure works like construction of buildings, Multi Modal Logistics Park, Multi-Level car parking, Bus ports, water supply work, waste water management etc. There is need for third party checks/inspection of works for effective monitoring and implementation of Tunnels. NHIDCL therefore feels that the services of officers of the rank of Superintending Engineer (SE) & above for e.g., Chief Engineer (CE), Engineer-in-Chief (E-in-C), Additional Director General (ADG), Director General (DG) who have retired from service can be gainfully utilized including technical personnel from consulting firms, Independent Engineers, PSUs, IITs/NITs.

For this purpose, a panel of Tunnel Expert shall be prepared and empanelled members shall be assigned, various tasks related to NHIDCL Tunnel projects along with study of DPR of Tunnel from time to time as and when required. In addition to this, the technical proposal and issues shall be forwarded to the Tunnel Experts over e-mail, and if required discussed through VC.

The Tunnel Expert shall include domain specialists such as Civil/Mining Engineers, Geologists, Tunnel Excavation/Geology Experts, and E&M Experts (Ventilation, Lighting, Firefighting & other Instrumentation) with extensive experience in the field of design, construction, supervision, operation & maintenance of tunnel projects. The individual shall have sound knowledge of relevant IRC codes, BIS standards, and other international standards applicable to tunnelling works. The expert should also be well-versed with the specifications and standards of the Ministry of Road Transport & Highways (MoRTH), Central Public Works Department (CPWD), and other agencies related to infrastructure projects;

### 1. Tunnel Experts (Multi-disciplinary):

- a) Graduate Degree in Civil Engineering / Mining Engineering / Electrical & Mechanical Engineering / Instrumentation Engineering / Geology (B.Sc. /M.Sc. in Geology) from a recognized university.
- b) Total professional experience of at least 20 years.
- c) Professional Experience of at least 15 years in handling major tunnelling projects
- d) He should be involved in at least 10 years in construction/construction supervision and O&M of major Road/Rail/Metro tunnel projects.
- e) At least 5 years' experience in supervision of tunnel projects of length equal to or more than 4 km of tunnel.
- f) He should have handled at least two projects in Construction Supervision of tunnels projects of length equal to or more than 4 km of tunnel.
- g) Experience in tunnel design/DPR preparation/feasibility study/design review of transportation Tunnel projects of length equal or more than 4 Km.
- h) Applicants possessing specialised experience in **Tunnel Boring Machine (TBM)** methodology and **Underwater tunnelling** are encouraged to apply.

Also, for Tunnel Monitoring & instrumentation part, domain experts from Computer Science/ Instrumentation Engineering with similar experience in tunnel instrumentation & monitoring may also submit the application for empanelment.

Note: Masters/Ph.D in either of the Geotechnical Engineering, Tunnel Engineering, Ventilation System, Rock Mechanics, Structural Engineering, and CS/Instrumentation Engineering would be preferred.

#### **For retired Government/PSU Engineers (format in Annexure-I)**

- (i) Degree in Civil Engineering or a degree in Geology (B.Sc. in Geology) from a recognized university.
- (ii) The person should have retired from the post of Superintending Engineer (SE) having 10 years or more experience or. equivalent (CGM, ED) and above from MoRTH (CES Roads), CPWD (CES), NHAI, NHIDCL, MES, BRO, PWD, IRCON, Metro Rail Corporation, IA (Corps of Engineer), **KRCL** etc. Persons due for retirement in next 1 months i.e., till **22<sup>nd</sup> May 2026** can also apply.
- (iii) The person should have experience in execution/planning/monitoring of Tunnel projects in India / abroad.
- (iv) The maximum age for Tunnel Expert is **70 years**. The Tunnel Expert shall be empanelled initially for a period of 2 years to a maximum limit of 70 years age.
- (v) Persons blacklisted by MoRTH, State PWDs, NHAI, NHIDCL or any other Government organization shall be deemed to be disqualified.
- (vi) Person should have worked in MoRTH, State PWD, NHAI, NHIDCL or any Govt. organization on the post of SE or equivalent & above (last salary slip to be provided on submission of application).

#### **For Experts from private Consulting Firms/Contractors/Independent Engineer/Authority Engineer (format in Annexure-II)**

- (i) Degree in Civil Engineering having 20 years' experience in Design and construction supervision of major tunnel projects (Road/Rail/Metro) of length equal to or more than 4 km.
- (ii) Further, for domain experts from private sector, particularly those having specialised experience in **TBM methodology** and **Underwater tunnelling**, the prescribed years of experience criteria may is not mandatory. Such experts shall be empanelled based on their demonstrated expertise and may be considered for engagement on case-to-case basis, depending upon project-specific requirements, suitability, and interaction with NHIDCL

The details specify in Annexure-II.

NOTE- Annexure- III and Annexure-IV may be filled by all interested candidates.

**Last date for submission of Application: 22.05.2026.**

For detailed Terms and Conditions please visit-[www.nhidcl.com](http://www.nhidcl.com)

The dully filled application form may be submitted through post or email on before 22.05.2026 on the following address & email.

Sh. Ashutosh Mishra  
GM (Road Tunnel Cell), NHIDCL  
1<sup>st</sup> & 2<sup>nd</sup> floor, Tower-A, World trade Center  
Nauroji Nagar, New Delhi-110029  
Contact No: - 011-26768965 / +91 9818724043  
Email: [tunnel-cell@nhidcl.com](mailto:tunnel-cell@nhidcl.com)

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

## Terms of Reference for Empanelment of Tunnel Experts

1. The Tunnel expert shall be the part of expert committee or individual basis to be deputed to site to inspect the failed/ completed/on- going tunnels in NHIDCL projects and submit the report in specified timeline. They (Tunnel Experts) will also be assigned the work of study of DPR of these Tunnels and provide their comments in the specified timeline.
  2. The Expert has to review the DPR prepared by the consultants as per the latest codes/guidelines/specifications. Expert is expected to review all the reports submitted by the consultant and visit the site and furnish their recommendation to be adopted in the DPR to minimise the risk and to ensure fast and safe execution of work. Their recommendation has to be submitted within a fortnight.
  3. There shall be no conflict of interest of the expert with the Contractor/Concessionaire/AE/ IE/SC etc. associated with the project.
  4. The above Committee or individual (Tunnel Expert) shall assess entire system in place by the Contractor/Concessionaire/ Consultant for construction/maintenance of Tunnel and its level of implementation, supervision and control.
  5. The above Committee or individual (Tunnel Expert) shall also verify compliance to specified requirements as published by IRC, MORTH, NHAI, BIS & as per good engineering practices.
  6. The above Committee or individual (Tunnel Expert) shall carry out technical analysis and find the reasons of failure along with fixing the reasons of failure and submit its preliminary report **within 3 days** and final report in 7 days to Member concerned.
  7. All relevant details/ documents shall be clearly mentioned in the report. The suitable remedial measures/ actions to restore the failed structures including restoration of further construction/ O&M activities shall also be recommended.
  8. The implementation arrangements shall be carried out in either of the following to the Tunnel Expert:
    - (i) Field Laboratories established by the Contractor.
    - (ii) For Specific tests: testing to be done in District/ Regional/State level laboratories of the employer/NABL accredited labs/ Government engineering Colleges.
- NHIDCL shall provide full support in performing task assigned to Tunnel Expert, including support in taking samples, transportation of samples to the laboratory and testing in presence of representative of implementing authority. NHIDCL shall also bear all associate expenses. The Tunnel Expert shall have complete access to the documents pertaining to the project and for this purpose he shall be assisted in his independent evaluation by concerned GM (P) / DGM (P) of NHIDCL.
9. The committee shall adhere to the following timelines for completion of the assignment; starting from the date of assignment (T) by NHIDCL.
    - a. Site visit,  $T_1=T+1$  day
    - b. Submission of preliminary Report,  $T_2 =T_1+3$  days
    - c. Submission of Final Report,  $T_3=T_2+4$  days

10. The experts shall not disclose any technical information & data relevant to the project to any third party without prior written permission from the NHIDCL.

11. The Tunnel experts may be paid the fees & expenses as under:

Sr.No	Particulars	Amount Payable
1.	Per day fee during site inspection	Rs. 25,000/- per day
2.	Lodging & Boarding charges per day	Lodging & Boarding will be arranged by concerned PMU, Arrangements will be as per entitlement of ED level officers.  <b>Food Charges/Boarding / DA (in addition to Lodging)</b>  During travelling their food is arranged by RO/PMU Rs. 2000/- per day. (DA) will be admissible.
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 arrange by concern RO/PMU.  <b>Note- The tickets are to be purchased from the 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.</b>
4.	Travel by AC Taxi/by own car from residence to Airport/nearest station for performance of assignment and from Airport/Nearest Station to residence on completion of assignment.	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 Tunnels	Rs. 30,000/- per DPR/project
9	Miscellaneous	No additional fee shall be payable for any other work.

Note:

- a. Lodging, boarding and travelling expenses may be allowed only for those experts who are residing 100 km away from the place of meeting/ Visit.
- b. The Expert visits to the Northern States and Border states and also to Neighbouring countries for the projects entrusted to NHIDCL.
- c. The payment to the Tunnel Experts will be released after submission of final report by the expert committee on recommendation of concerned RO & Tunnel division HQ after approval of Competent Authority.

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Recommendation for Empanelment of Tunnel Expert for Projects in NHIDCL

(For retired Government/PSU Engineers)

<b>Format of Curriculum Vitae (CV) (For Empanelment as Tunnel Expert)</b>	
	<b>Affix recent photograph</b>

<b>A.</b>	<b>Personal Details</b>			
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>B, Qualification (Graduation and above)</b>				
Sr.No.	Year of Passing	Degree/Qualification	Institution/University	Discipline
1.				
2.				

**C. Employment Details of 20 years prior to date of retirement**

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

**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.						

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## 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:

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(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:-

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

Subject: Recommendation for Empanelment of Tunnel 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 Tunnel Expert for Projects in NHIDCL.

Yours sincerely,

Signature of the Recommending Authority  
(Name and Designation)

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(For Independent/Individual Experts)  
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 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. The INFRACON CV may also be send along with proposal.

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

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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.

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