

NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Road Transport & Highways)

The National Highways Authority of India (NHAI) is responsible for development, maintenance and management of National Highways entrusted to it and for matters connected therewith or incidental thereto.

NHAI invites applications for the post of Geotechnical Engineer on contract basis to work in Design Division of NHAI. Details of post(s) and terms & conditions as well as period of engagement, eligibility, experience etc. are as under: -

A. Name of the posts -

Sr. No.	Name of the Post	No. of Post*	Deployment
1.	Geotechnical Engineer	One (01)	NHAI HQ, New Delhi

** Number of posts may increase / decrease as per requirement of NHAI.*

B. Eligibility Criteria:

For Educational Qualification, Eligibility Criteria, Age Limit and Experience, please refer to **Appendix- A.**

C. Roles and Responsibility of Geotechnical Engineer:

The Geotechnical Engineer shall provide independent technical review, advisory, and quality assurance services to NHAI on all geotechnical aspects of highway, bridge, and associated infrastructure projects during planning, design, construction, and maintenance periods. The responsibilities shall include, but not be limited to, the following:

- A. Review and assess ground investigation reports, geological and geotechnical data, laboratory and field test results, and interpretation of subsurface conditions.
- B. Verify the adequacy of geotechnical design parameters, design basis reports, design assumptions, and compliance with relevant IRC, IS, MoRTH, international standards and engineering best practices.
- C. Review and evaluate the design of shallow and deep foundations, including open foundations, pile foundations, well foundations, and other special foundation systems for bridges, structures, and highway facilities.
- D. Review and assess safe bearing capacity, settlement analyses, foundation stability, pile capacity, scour considerations, and seismic performance of foundations.
- E. Review and evaluate the design of embankments, high fills, bridge approaches, and ground improvement measures, including preloading, vertical drains, stone columns, vibro-compaction, deep soil mixing, geosynthetic reinforcement, soil stabilization, and other suitable ground treatment techniques.
- F. Review and assess the design of Reinforced Earth (RE) walls, Mechanically Stabilized Earth (MSE) walls, retaining walls, soil-nailed structures, and other earth retention systems, including internal, external, and global stability.
- G. Review and evaluate slope stability analyses, landslide mitigation measures, rockfall protection systems, and stabilization works for cut and fill slopes.
- H. Review geotechnical aspects of river training works, erosion protection measures, drainage systems, and other ancillary structures.
- I. Review seismic, liquefaction, and soil-structure interaction analyses and provide recommendations for mitigation of geotechnical hazards.

- J. Review construction methodologies, temporary works, excavation support systems, dewatering schemes, and foundation construction procedures from a geotechnical perspective.
- K. Review instrumentation, monitoring plans, and construction-stage performance data related to settlements, lateral movements, pore pressures, and slope behaviour.
- L. Examine and provide technical recommendations on alternative foundation systems, ground improvement solutions, value engineering proposals, design modifications, and geotechnical risk mitigation measures.
- M. Conduct site inspections, participate in technical review meetings, and provide expert advice to NHAI on geotechnical issues arising during design, construction and maintenance.
- N. Prepare review reports, technical notes, observations, and recommendations, and assist NHAI in ensuring safe, durable, resilient, and cost-effective geotechnical solutions throughout the project lifecycle.
- O. To share knowledge with NHAI officials by involving them in the above-mentioned activities.
- P. Any other work assigned by Member /CGM (T)/ GM (T), Design Division.

Q. Duration :-

The period of engagement for Experts shall initially be for upto two years, which may be extended/ curtailed based on the requirements of NHAI and satisfactory performance with the approval of the Chairman.

R. Method of Recruitment -

- I. All the applications received in response to the positions advertised will be scrutinized and shortlisted by the Scrutiny / Screening Committee in accordance with eligibility and other conditions prescribed.
- II. The Scrutiny / Screening Committee would recommend the list of eligible candidates (based on eligibility criteria / weightage specified at **Appendix - A**) for interview by the Interview/ Selection Committee. Number of candidates for interview shall be decided by Scrutiny/ Screening Committee.

S. Remuneration (per month) -

- I. Remuneration Structure and TA/DA entitlement is as shown in tabulation below. Annual increment @ 5% of the previous year's remuneration shall be granted w.e.f. 1st January or 1st July every year on continuing the services subject to minimum of 06 months service without any break.

S. No.	Name of the Post	Remuneration per Month (Rs.)	Admissibility of TA/DA during site visit
1	Geotechnical Engineer	3,50,000.00	Equivalent to DGM, NHAI

- T. The other terms & conditions of engagement will be in accordance to NHAI Policy **Guidelines** for engagement of External Professionals and as amended from time to time.
- U. Corrigendum or Addendum or Cancellation to this advertisement, if any, shall be **published** only on the website of NHAI. Therefore, the candidates are advised to check the website of NHAI regularly.

NHAI will have the right to terminate the contract at any time, without assigning any reason.

Procedure to apply

- i. Applications are to be submitted online only. The procedure to be followed for filling up the online application is given in the online application portal, which can be accessed at <http://www.nhai.gov.in>. Eligible candidates may apply online on the link provided on the website of NHAI by **14.08.2026 (06:00 PM)**.
- ii. It may please be noted that the applications received through post/courier/fax shall not be considered.
- iii. Applications not submitted properly or incomplete applications in any respect, especially without details of work experience and salary details shall be liable for rejection. The candidates are advised to fill out the application format carefully in accordance with the eligibility criteria and experience mentioned above. It may be noted that any subsequent clarification regarding job profile/experience etc. at a later date will not be entertained under any circumstances. All qualifications should have been acquired from Indian Universities/Institutes, recognized by UGC or AICTE (whichever is applicable) or any other appropriate statutory authority in India.
- iv. The crucial date for determination of eligibility shall be the last date prescribed for receipt of applications.
- v. Mere submission of applications shall not give the candidates any right to be called for selection.

Important Terms & Conditions

- i. The persons engaged shall provide full-time services to NHAI during their period of engagement and they would not be permitted to take up any other assignment during the period of their engagement with the NHAI. The person will be engaged on contract basis under the prevailing guidelines/rules, for a fixed period and no claim, whatsoever, shall be admissible for regularization / absorption in NHAI.
- ii. TA/DA shall neither be admissible to the personnel at the time of joining the assignment on appointment nor at the time of relieving on its completion (or otherwise).
- iii. The candidates engaged will be required to attend office or visit field on all working days and also on holidays, if required, on account of exigencies of work.
- iv. NHAI shall have the right to terminate the contract at any time, without assigning any reason. However, the contract may be terminated by either of the parties any time after serving one month's advance notice or payment/recovery of one month's salary in lieu of notice during the subsistence of the contract.

Other Terms & Conditions

- i. Canvassing or bringing influence in any form will disqualify the candidature.
- ii. NHAI reserves the right to raise/relax the eligibility conditions, depending on the response and/or requirement.
- iii. NHAI reserves the right not to fill up any or all the posts notified at its discretion and vacancies may also be increased/decreased depending upon organizational requirements.
- iv. NHAI reserves the right to cancel/restrict/enlarge/modify/reopen/alter the recruitment process, if the need so arises, without issuing any further notice or assigning any reason thereof.
- v. Corrigendum or Addendum or Cancellation to this advertisement, if any, shall be published only on the website of NHAI and will not be published in the newspapers. Therefore, the candidates are advised to check the website of NHAI regularly.

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1. Geotechnical Engineer

S. No	Description	Requirement	Weightage
1	Educational Qualification		Not Having Essential Educational Qualification - Not Eligible
	Essential	Graduate in Civil Engineering or equivalent	20 marks
	Desirable	Post Graduate in Geotechnical Engineering / Soil Mechanics / Rock Mechanics or equivalent	5 marks
2	Essential Experience		
	Total Professional Experience	Minimum 8 years	i. Not having 8 years' experience- Not Eligible ii. Having 8 years' experience - 15 Marks Two marks shall be awarded for every additional year experience after 8 years' experience up to a maximum of 10 marks.
	Experience of Review of Geotechnical Reports	Minimum 6 years	(i) Not having 6 years' experience- Not Eligible (ii) Having 6 years' experience - 30 Marks Two marks shall be awarded for every additional year experience after 6 years' experience up to a maximum of 20 marks.
3	Age Limit	Maximum 55 years as on the last date submission of application	

DECLARATION

I have carefully gone through the vacancy circular/advertisement and I solemnly declare and undertake that all the information furnished by me is true, correct and complete to the best of my knowledge and belief. I undertake that, if at any stage of the selection or even after selection, any of the information furnished by me is found to be false, incorrect or misleading, then my service/engagement will stand cancelled / terminated without assigning me any reason. I will produce the original documents in support of the information furnished when so ever required by the employer. I also certify that there is no conflict of interest with any concessionaires / stakeholders / staff associated with NHAI.

Date: _____

Signature of the Candidate

Place: _____

Name of the Candidate: _____