

No.RW/NH-33054/4/91-DO II

Dated, the 23rd October, 1991

To

The Chief Engineers (dealing with National Highways and other Centrally Sponsored Schemes), Public Works Department of all States and Union Territories, Director General (Works), Central Public Works Department, Director General Border Roads and Chairman, National Highways Authority of India.

Subject: Soil/Sub-surface investigation for road and bridge works on National Highways and under other Centrally Sponsored Schemes
- Entrusting to prequalified geotechnical consultants

It has been the experience that a large number of highway projects are being adversely affected due to improper soil investigations resulting in unreliable and inaccurate soil data. The Ministry felt it necessary to prepare a panel of geo-technical consultants in order to ensure that the geo-technical data collected at the time of investigations for road and bridge projects are representative and reliable. Keeping this in view, the Ministry had earlier invited applications from experienced geo-technical consultants through a questionnaire issued to consulting firms known for their capability and expertise, and also through an open advertisement in the leading Newspapers and based on the recommendations of a Committee set up to look into these applications, Ministry issued a list of prequalified geo-technical consulting firms for carrying out soil/sub-surface investigations for road and bridge works on National Highways and under other Centrally sponsored Schemes vide Ministry's letter No. RW/NH-33054/35/88-DO II dated 5th June, 1990 and 25th September, 1990 respectively. Subsequently, with a view for enlarging the list of prequalified geo-technical consultants and also to give an opportunity to those who could not apply earlier for prequalification, the Ministry invited applications for prequalification from geo-technical consultants through a Press Notice issued in leading Newspapers on 25.1.1991. The Ministry appointed a Committee to look into the applications received, who have recommended prequalification of the following firms under each of the categories mentioned below :

Categories (a) & (b)**For road projects, high embankment design, soft ground treatment and minor bridges**

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|-------|--|------------------------------------|
| (i) | Terracon Engineers,
Calcutta-700033 | 12, Charu Chandra Place (East) |
| (ii) | C.E. Testing Company | 20-D, Dover Place, Calcutta-700019 |
| (iii) | P.K. Dey & Associates,
Estate, VIP Road,
Calcutta-700054 | Flat-123, Block-9, Hudco |
| (iv) | Constell Consultants Private Ltd.
7, Sristidhar,
Dutta Lane, (Hatibagan),
Calcutta-700006 | |

Category (c)**For Major Bridges**

- | | | |
|-------|---|-------------------------|
| (i) | Terracon Engineers,
(East), Calcutta-700033 | 12, Charu Chandra Place |
| (ii) | C.E. Testing Company,
Calcutta-700019 | 20-D, Dover Place |
| (iii) | Constell Consultants Pvt. Ltd.,
7, Sristidhar,
Dutta Lane (Hatibagan),
Calcutta-700006 | |

2. You are requested to refer to Appendix-1 of this Ministry's letter No. RW/NH-33054/35/89-DO II dated the 5th June, 1990 issued in the context of the earlier prequalification of geo-technical consultants, wherein a supplementary list of Government Institutions capable of handling geo-technical investigations for the highway sector was given. The following institution may also now be included in Appendix : 1 "Regional Research Laboratory, Jorhat, Assam".

A modified Appendix 1 is enclosed herewith. Further, as brought out in the above referred, the State/U.T. PWDs could also consider entrusting the geo-technical investigation work to one of these institutions in their respective regions, subject to the proviso that adequate infrastructure to carry out the investigations meeting the requirements of the specific work, is available with them and they are in a position to take up such works satisfying the prescribed targets for completion.

3. The present prequalification of the above mentioned geo-technical consultants for different categories of work will be in force upto March, 1992, on which date the earlier prequalification of June, 1990 and September, 1990 also terminates.

4. I am, therefore, directed to state that quotations for future geo-technical investigation work for road and bridge works on National Highways and under other Centrally Sponsored Schemes may be taken only from the geo-technical consultants prequalified in para 1 above and the geo-technical consultants already prequalified vide this Ministry's letter No: RW/NH-33054/35/89-DO II dated 5th June, 1990 and RW/NH-33054/35/89-DO II dated the 25th September, 1990 respectively. However, such works could also be entrusted to government institutions listed in Appendix 1, subject to the proviso mentioned in para 2 above.

5. Other guidelines/instructions contained in this Ministry's letter No. RW/NH-33054/35/89-DO II dated 5th June, 1990 may please be complied with.

6. The contents of this letter may please be brought to the notice of all officers in your Department dealing with works on National Highways and under other Centrally Sponsored Schemes.

LIST OF GOVERNMENT INSTITUTIONS CAPABLE OF HANDLING GEO-TECHNICAL INVESTIGATIONS FOR THE HIGHWAY SECTOR

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| 1. Central Soil & Materials Research Station
Olof Palme Marg, Hauz Khas,
New Delhi-110016 | 14. Kerala Engineering Research Institute,
Peechi-680653
(Kerala) |
| 2. Central Water & Power Research Station
Pune-411024
(Maharashtra) | 15. Irrigation & Power Research Institute
Amritsar-143001 (Punjab) |
| 3. Central Road Research Institute,
Mathura Road,
New Delhi-110020 | 16. Department of Civil Engineering
Indian Institute of Science
Bangalore-560012 |
| 4. Maharashtra Engineering Research Institute,
Dindori Marg,
Nashik-400004
(Maharashtra) | 17. Department of Civil Engineering
Indian Institute of Technology
Hauz Khas
New Delhi 100016 |
| 5. Gujarat Engineering Research Institute
Race Course
Vadodara-390007
(Gujarat) | 18. Department of Civil Engineering
Indian Institute of Technology,
Powai
Bombay-400078 |
| 6. Highway Research Station
Guindy
Madras-600025 | 19. L.B.S. Centre for Science & Technology
Extra Police Road
Nandavanam
Trivandrum-695033 |
| 7. Andhra Pradesh Engineering Research Laboratories
Himayetsagar
Hyderabad-500030
(Andhra Pradesh) | 20. Department of Civil Engineering
Motilal Nehru Regional Engineering College
Allahabad-211004 |
| 8. Karnataka Engineering Research Station
Krishnarajasagara-571607
(Karnataka) | 21. Regional Research Laboratory
Jorhat-785006
(Assam) |
| 9. Soil Mechanics & Research Division
Chepauk
Madras-600005 | |
| 10. U.P. Irrigation Research Institute
Roorkee-247667
(Uttar Pradesh) | |
| 11. Central Building Research Institute
Roorkee
(Uttar Pradesh) | |
| 12. River Research Institute
West Bengal, 2nd Floor,
11-A, Mirja Ghalib Street,
Calcutta-700087 (West Bengal) | |
| 13. Irrigation Research,
Narmada Bhavan,
Tulsi Nagar Qtrs. 1250,
Bhopal-462005
(Madhya Pradesh) | |