

NATIONAL COMPETITIVE BIDDING

(THROUGH NOTICE INVITING QUOTATION MODE)

Name of the Work Quotation for Detailed Survey using (i) MASW (Multi-Channel Analysis of Surface Waves), (ii) ERT (Electrical Resistivity Tomography) Technique and (iii) Contour Map of the area indicated with a yellow rectangle for Cracks developed on the carriageway and breast wall at Ch. 65+950 (approx.) in the month of August 2024 within the vicinity and downhill of the slope of Tlakshi village on Kanchanpur-Vaghmun section of NH-44A (Package-III).

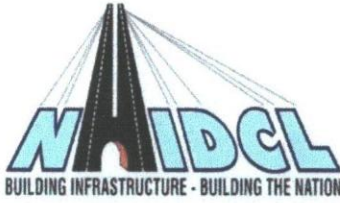
NHIDCL/PMU Dmr/Tlakshi/5(25)/2024-25/2474

Date: 21.02.2025

National Highways & Infrastructure Development Corporation Ltd. (hereinafter called "the Employer") invites NIQ on item rate basis for the works mentioned below from the experienced organizations of survey using (i) MASW (Multi-Channel Analysis of Surface Waves), (ii) ERT (Electrical Resistivity Tomography) Technique and (iii) Contour Map of the area indicated with a yellow rectangle (in Annexure-II), excluding those firms who have been declared as non-performing by MoRT&H/NHAI/NHIDCL or the firms those are blacklisted/debarred for specified period by MoRT&H/NHAI/NHIDCL:

Sl. No.	Name of work/Contract Package
1	Quotation for Detailed Survey using (i) MASW (Multi-Channel Analysis of Surface Waves), (ii) ERT (Electrical Resistivity Tomography) Technique and (iii) Contour Map of the area indicated with a yellow rectangle for Cracks developed on the carriageway and breast wall at Ch. 65+950 (approx.) in the month of August 2024 within the vicinity and downhill of the slope of Tlakshi village on Kanchanpur-Vaghmun section of NH-44A (Package-III).

2. Date of Publishing: **24.02.2025**.
3. Last date of submission of NIQ on **11.03.2025** up to **1700 Hrs**.
4. Work has to be completed in 30 (Thirty) days from the date of commencement of work. Rate of each item are requested to be quoted in the enclosed format (*Annexure-I*).
5. The site for the work is available.
6. The interested bidder can submit quotation dully filled for the same and submit "PMU-Dharmanagar, 2nd floor to SBI (Bazar Branch), Thana Road, Dharmanagar, North Tripura District, PIN: 799250" or "RO-Agartala 3rd floor, U.D. Bhawan, Shakuntala Road, Agartala Tripura-799001" before **11.03.2025** upto **1700 Hours**.



राष्ट्रीय राजमार्ग एवं अवसंरचना विकास निगम लिमिटेड
सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार
परियोजना अनुवीक्षण इकाई - धर्मनगर



NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED
MINISTRY OF ROAD TRANSPORT & HIGHWAYS, GOVERNMENT OF INDIA
PROJECT MONITORING UNIT - DHARMANAGAR

भारत सरकार का उद्यम

A Government of India Enterprise

7. NHIDCL reserves the right to accept/reject any or all the Quotation without assigning any reasons thereof.
8. The complete survey & report should be in accordance with MoRTH circular no. RW/NH-33044/32/2019-S&R(P&B) dated 13.11.2019, RW/NH-33044/32/2019-S&R(P&B) dated 25.02.2020 & RW/NH-33044/32/2019-S&R(P&B) dated 28.02.2020.
9. Kindly note that no extension shall be granted in this work being the urgent nature of work.
10. Kindly note that the sub-surface data and the contour map shall be complete in all aspects, must include all the necessary data for the full satisfaction of the Geotechnical expert team of IIT-Kharagpur.

(Col. V S Meel, Retd.)
General Manager (Projects)
NHIDCL, PMU-Dharmanagar

National Highways and Infrastructure Development Corporation Limited (NHIDCL), PMU Dharmanagar under RO-Agartala			
Name of the Work: Quotation for Detailed Survey using (i) MASW (Multi-Channel Analysis of Surface Waves), (ii) ERT (Electrical Resistivity Tomography) Technique and (iii) Contour Map of the area indicated with a yellow rectangle for Cracks developed on the carriageway and breast wall at Ch. 65+950 (approx.) in the month of August 2024 within the vicinity and downhill of the slope of Tlakshi village on Kanchanpur-Vaghmun section of NH-44A (Package-III).			
Sl. No.	Name of Test	Brief of Particulars	Quoted Rate (in Rs.) (excl. GST)
1	Conducting & submission of Geophysical investigation report for Multichannel Analysis of Surface Waves (MASW) at the land slide prone area of Tlakshi at design Ch.65+950 (approx.).	One 220-m (approx.) long transect should be investigated with MASW. The MASW transects should run along the base of the slide i.e., the hillside shoulder of the highway in such a way that the sinking portion should also been covered; The investigation needs to provide one vertical slice of shear wave velocity (at 25 m/s contour interval) and one similar sliced of bulk resistivity along their entire length and all as directed at site. The formation should be characterized to a depth of 50 m (measured vertically).	
2	Conducting & submission of Geophysical investigation report for Electrical Resistivity Tomography (ERT) at the land slide prone area of Tlakshi at design Ch.65+950 (approx.).	One 220-m (approx.) long transect should be investigated with ERT. The ERT transects should run along the base of the slide i.e., the hillside shoulder of the highway; The investigation needs to provide one vertical slice of shear wave velocity (at 25 m/s contour interval) and one similar sliced of bulk resistivity along their entire length and all as directed at site. The formation should be characterized to a depth of 50 m (measured vertically).	
3	Preparation of Contour Map	Contour Map of the area indicated with a yellow rectangle in Annexure-II attached and as directed at site.	
Total Amount (Rs.) (Sl. No. 1+2+3 above)			
Applicable GST @ 18% (Rs.)			
Grand Total (Rs.)			
In Words: Rupees			

