

<b>National Highways and Infrastructure Development Corporation Limited (NHIDCL), PMU Dharmanagar under RO-Agartala</b>			
<b>Name of the Work:</b> 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).			
<b>Sl. No.</b>	<b>Name of Test</b>	<b>Brief of Particulars</b>	<b>Quoted Rate (in Rs.) (excl. GST)</b>
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.	
<b>Total Amount (Rs.) (Sl. No. 1+2+3 above)</b>			
<b>Applicable GST @ 18% (Rs.)</b>			
<b>Grand Total (Rs.)</b>			
<b>In Words: Rupees</b>			