



GOVT. OF WEST BENGAL  
OFFICE OF THE EXECUTIVE ENGINEER  
COOCH BEHAR IRRIGATION DIVISION  
DEBI BARI, COOCH BEHAR.  
Tel & Fax: (03582) 228305

**N.I.Q.No- 09 of 2015-16 of Executive Engineer, CoochBehar Irrigation Division**

Sealed quotation in plain paper are hereby invited by the undersigned for the following work from the Registered Experienced Firms/Organization for geotechnical Investigation in such type of works which will be received up to 3.00 p.m. on 08/03/2016 and the same will be opened at 3.30 p.m. on same day in presence of the participating suppliers who will present at the time.

Name of the work- "Detailed soil test for Construction of Diversion channel of river Mora Torsa for a length of 485m in connection with Construction Cooch Behar Airport in P.S. Kotwali Dist. Cooch Behar"

Sl. No	Description of item	Unit	Qty	Rate including all taxes (If any)	Amount including all taxes (If any)
1	Mobilisation Charges of all tools & Plants along with accessories, material, labour, supervision etc. at site of work required in connection with boring and testing work, including setting up boring rigs and shifting to different Bore-hole points etc. and also including withdrawal of same from the site after completion of work, complete as per direction of Engineer-in-Charge. a) Detailed Investigation	Each	1.00		
2	Carriage of all Disturbed & Undisturbed Samples from site of work to the Divisional office or elsewhere including loading and unloading as per direction of Engineer-in-Charge. Detailed Investigation.	Each	1.00		
3	Labour for making Bore-Holes of 150mm to 250mm dia. by any standard method to any depth below ground level / bed level in all kinds of soil like clay, silt, sand, stiff clay, mixed soils etc. except rocks (for the purpose of collecting Disturbed & Un disturbed soil samples, conducting Standard Penetration Test at suitable intervals etc.) including preparation and submission of bore-log as per IRC : 75 and 78 and Clause 2400 of Specifications for Road & Bridge Works (5th Revision), Published by IRC, and also including hire charges of tools and plants complete as per the direction of Engineer-in-Charge. a) When Casing pipe is used to prevent collapse of bore hole (casing pipe to be finally withdrawn) (i) Depth 0m to 10m.	Metre	92.00		
4	Laboratory Investigation:				
a	Grain size analysis by Sieving as per IS 2720 (Part – IV).	Each	30.00		
b	Determination of Specific Gravity as per IS 2720 (Part – III).	Each	9.00		

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Sl. No	Description of item	Unit	Qty	Rate including all taxes (If any)	Amount including all taxes (If any)
c	Direct Shear Test as per IS 2720 (Part – XIII).	Each	27.00		
d	Determination of Sand Content as per IS 2720 (Part – IV).	Each	18.00		
e	Determination of Water Content Dry Density relation using heavy compaction as per IS 2720 (Part – VIII).	Each	5.00		
f	Laboratory Determination of California Bearing Ratio on Disturbed / Remoulded samples as per IS: 2720, Part XVIII.	Each	5.00		
5	Field Investigation: Collection of Samples from the bore hole made as per B-a				
a	Undisturbed	Per sample	9.00		
b	Disturbed	Per sample	45.00		
c	Standard Penetration Tests (S.P.T.) by Split Spoon Sampler in the bore hole as per IS 2131. i) 0.0m - 10.0m	Each	48.00		
6	Preparation and submission of report in 6 (Six) copies, giving all relevant information data like site plan, Bore log and water table, test results, calculations, discussions, suggestions and recommendations in respect of suitable foundation etc. including determination of silt factor including analysis of Bearing Capacities and settlements in bound and presentable form complete as per direction of Engineer-in-Charge. a) Detailed Investigation	L.S	1.00		

Quotation must be submitted with self attested xerox copy of PAN, Professional Tax, Trade license, VAT registration certificate, Experience certificate etc. Time of completion of work is 15(Fifteen) days.

The intending quotationers will have to quote their rates both in figure & word for the specified item of work in accordance with the specification, terms & conditions given above. The acceptance of the quotation will rest upon the competency of the Superintending Engineer, North East Irrigation Circle-I. Club Road, Jalpaiguri.

*Sd/- 01.3.16*  
Executive Engineer  
Cooch Behar Irrigation Division  
Cooch Behar

Memo. No- 326 (10)

Dated - 01.03.16,

Copy forwarded to the:-

- 1) Superintending Engineer, North East Irrigation circle –I, Club Road, Jalpaiguri (in duplicate).
- 2) Executive Engineer, Cooch Behar Division Social Sector, P.W. Dte., Cooch Behar.
- 3-6) Sub-Divisional Officer, Tufanganj /CoochBehar /Mathabhanga Irrigation Irrigation Sub-Division and Coochbehar Investigation Sub-Division No-I.
- 7-8) Sr. Divisional Accountants Officer/ Estimator
- 9) Office Notice Board.
- 10) Secretary, Contractors' Association, Cooch Behar.

*Sd/- S.K. Saha*  
Executive Engineer  
Cooch Behar Irrigation Division  
Cooch Behar