

# NOTICE INVITING e-Tender

West Bengal Medical Services Corporation Limited

**Swasthya Bhawan Complex**

**GN-29/5, Salt Lake, Sector-V**

**Kolkata-700091**

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**GEOTECHNICAL INVESTIGATION FOR “PLANNING, DESIGN AND EXECUTION OF 14  
MULTISPECIALITY/SUPERSPECIALITY HOSPITALS  
UNDER BRGF- SOIL TEST”**

**Bid Reference No: WBMSCL/NIT-35/2013**

**Dated- 28.12.2013**

Managing Director, West Bengal Medical Services Corporation Limited, Swasthya Bhawan Complex , GN-29/5, Sector V , Kolkata- 700 091 , invites sealed tender from bonafied soil exploration firm having experience in similar nature of work for the work “ Planning ,Design and execution of 14 Multispeciality/Superspeciality hospitals under BRGF- Soil Test.” The details may be downloaded from the website [wbtenders.gov.in](http://wbtenders.gov.in). and to be submitted (online) on or before 2:00 P.M on 3<sup>rd</sup> January, 2014. The bidders may also visit websites [www.wbmisc.gov.in](http://www.wbmisc.gov.in) & [www.wbhealth.gov.in](http://www.wbhealth.gov.in) for downloading the tender document.

No of Sites	14 nos. / 2 bore holes per site up to 40m depth.
Bid Security	Rs.20000.00 ( in the form of Bank draft)
Cost of Tender document (non-refundable)	Rs. 500.00 ( in the form of Bank draft)
Security Deposit	10% of the contract amount. To be deducted from the bill
Releasing of Security Deposit	After 3 months from the date of completion of the work.
Last date of Submission of tender	03.01.2014 UP TO 2:00 PM
Date of Opening of Tender document	06.01.2014 at 11:00 A.M
Validity of Tender	60 days from the date of submission of Tender
Time allowed for completion of work	60 days from the date of work order.
Eligibility of participating bidder	Bonafied reliable and resourceful soil exploration firm having executed similar nature of work.

Sd/-  
**Managing Director**

Managing Director, West Bengal Medical Services Corporation Limited invites tender from bonafied, reliable and resourceful soil exploration firm for executing of the Soil Test work: ‘ Planning, Design and Executing of 14 Multispeciality/ Superspeciality Hospitals under BRGF – Soil Test’. Brief details of the terms and condition of work are given below.

1 <b>Schedule I</b>	<b>Scope of work :</b> Test for 14 sites for ‘Planning, Design and Execution of 14 Multispeciality / Superspeciality hospitals under BRGF- Soil Test’	<b>List of Hospitals Described in Table - H</b>
2	Time allowed for completion of work	60 days
3. <b>Schedule I</b>	<b>Eligibility of Participants firms :</b> Soil exploration firm for Soil Test of 14 sites through out West Bengal for “Planning,Design and Execution of 14 Multispeciality /Superspeciality hospitals under BRGF- Soil Test.”	Bonafied, reliable and resourceful Soil exploration firm having experience in similar nature of work.
4	Bid Security	Rs. 20000.00 (in the form of Bank draft) in favour of “ West Bengal Medical Services Corporation Limited.” Payable at Kolkata.
5	Security Deposit	Total 10% of the contract amount to be deducted from the bill.
6	Last date and time of receipt of Tender	03.01.2014 ( up to 2:00 P.M)
7	Date and Time of Tender opening	06.01.2014 ( at 11:00 A.M)
8	Validity of Tender	60 days from the date of submission of tender.
9	Release of Security deposit	After 3 months from the date of completion of work
10	Issuance of Materials	All materials related to the completion of work will have to be supplied by the firm at his own risk and cost including cost of transportation, labor etc.

The tender is invited online and submission of tender will also be online as detailed in NIT. Any bidder willing to take part in process of e-tendering will have to be enrolled & registered with Government e-procurement system by visiting [www.wbtenders.gov.in](http://www.wbtenders.gov.in). The bidder is to click on the link for e-tendering site as given on the web portal.

Each bidder is requested to obtain a class- III b or Class-III c Digital Signature certificate (DSC) for submission of bidders, from the approved service provider of the National Informatics Center (NIC) on payment of requisite amount.

**Technical Bid:**

1. A bidder shall have to furnish digitally signed the following documents with the application for the above mentioned work and marked as 'Technical Bid '
  - a. PAN No.
  - b. VAT No.
  - c. PT CC.
  - d. IT Return for the last three years.
  - e. Experience in similar field.
  - f. Bank draft as bid security/ cost of tender document (separately) in favor of 'West Bengal Medical Services Corporation Limited (Copy shall be furnished with the other document and original shall be deposited to the office of WBMSC prior to the dateline of the date and time of tender submission.)

**Financial Bid:**

The Financial bid consist of the following,

- a) Total cost including all charges and taxes in respect of all the sites/locations taken together.
- b) The cost of individual site inclusive of all charges and taxes shall be furnished in the prescribed format (in .pdf).

Comparison of financial bid will be based on the gross amount of 14 sites/locations.

Each bidder is to quote total amount per site/location and total amount for 14 sites/locations separately. The selected bidder has to take part in Geo-Technical investigations for all the sites.

A bidder shall have to furnish digitally signed "Financial Bid". The financial bid of only of those bidders will be opened who meet all the requirements of the technical bid.

Failing to fulfill the requirements and eligibility criteria set in the tender document will make the bidders Bid invalid. WBMSC reserves the right to cancel or reject any or all of the Bids without assigning any reason whatsoever.

Sd/-  
**Managing Director**

**SCOPE OF WORK FOR GEO-TECHNICAL INVESTIGATION FOR 'PLANNING, DESIGN AND EXECUTION OF 14 MULISPECIALITY/SUPERSPECIALITY HOSPITAL UNDER BRGF- SOIL TEST' IN DIFFERENT DISTRICT OF WEST BENGAL.**

Item	Description of Item (one site/location only)
1	Mobilization of all tools & plant along with accessories, material, labours, supervision etc. at site of work required in connection with boring and testing work including setting up boring rig and shifting to different bore hole points etc. and also including withdrawal of the same from the site after completion of work, complete as per direction of Engineer-in-charge.
2	Labour for making boreholes of 150 mm to 250 mm 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 soil etc. except rock ( for the purpose of collecting standard penetration tests at suitable interval etc.) including hire charges of tools and plants complete as per 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 0.0m – 10.0m (ii) Depth greater than 10.0m and upto 20.0m (b) When drilling mud “ Bentonite of suitable consistency” is used to prevent collapse of bore hole : (i)Depth greater than 20.0 m and upto 30.0m (ii) Depth greater than 30.0 m and upto 40.0m
3	Labour for collecting undisturbed soil sample of 10.0 cm dia about 40.0 cm long at intervals of 3.0 m,2.0m and 1.5m or at change of strata as required upto any depth , with the help of standard sampling tube including filling the tube at both ends with Paraffin wax ( 25.0mm thick) numbering leveling, packing etc. and also including hire charges of tools and plants complete as per direction of Engineer-in-charge.
4	Labour for conducting standard penetration test (S.P.T) in the bore hole already made at intervals of 3.0 m,2.0m and 1.5m or at change of strata as required upto any depth in all kinds of soil like clay,silt,sand and stiff clay etc. except rock including collection of sample for further testing keeping all records and submission of results in prescribed proforma and also including hire charges of tools and plants complete as per direction Engineer-in-charge as Per IS 2131
5	Performing laboratory tests of undisturbed soil samples as per standard procedure including tabulation of test result in Prescribed proforma as per direction of Engineer-in-charge A. Undisturbed sample/Disturbed sample. (a). Liquid limit & Plastic limit as per IS 2720 pt.V (b) Sieve Analysis as per IS 2720 pt IV (c) Hydrometer Analysis as per IS 2720 pt.IV (d) Natural Moisture Content and Dry Density as per IS 2720 pt.II (e) Specific Gravity as per IS 2720 pt.IV (f) Unconfined Compression as per IS 2720-X (g) Tri axial Compression as per IS 2720 pt. XI

	(h) Consolidation as per IS 2720 pt. XV (i) Chemical test on soil ( Ph, Chloride and Sulphate) (j) Chemical test on water (Ph,Chloride and Sulphate) (k) Direct shear Test
6	Preparation and submission of report in six copies giving all relevant information date like site plan, bore log and water table, test result, calculation, discussion suggestion and recommendation in respect of suitable foundation etc.including determination of bearing capacity and settlement in bound and presentable form complete as per direction of Engineer-in-charge. (a) Detailed Investigation

**Table - H**

<b>Sl No.</b>	<b>List of Hospitals</b>
1	Raiganj DH ( Uttar Dianajpur)
2	Balurghat DH ( Daskhin Dianajpur)
3	Chachal SDH (Malda)
4	Jangipur SDH (Murshidabad)
5	Jalpaiguri DH ( Jalpaiguri)
6	Gopiballavpur RH (Paschim Medinipur)
7	Egra RH (Purba Medinipur)
8	Panskura RH (Purba Medinipur)
9	Ghatal SDH ( Pashim Medinipur)
10	Jhargram SDH (Pashim Medinipur)
11	Nayagram (II) RH (Pashim Medinipur)
12	Barjora RH ( Bankura)
13	Suri DH (Birbhum)
14	Baruipur SDH( South 24-Parganans)

**Format for site wise cost for Geotechnical Investigation for  
“Planning, Design and Execution of 14  
Multispeciality/Superspeciality Hospitals under BRGF- Soil  
Test.”**

<b>SI No.</b>	<b>Name of the Sites/Locations</b>	<b>Cost ( including of all charges &amp; taxes in INR)</b>
1	Raiganj DH ( Uttar Dianajpur)	
2	Balurghat DH ( Daskhin Dianajpur)	
3	Chachal SDH (Malda)	
4	Jangipur SDH (Murshidabad)	
5	Jalpaiguri DH ( Jalpaiguri)	
6	Gopiballavpur RH (Paschim Medinipur)	
7	Egra RH (Purba Medinipur)	
8	Panskura RH (Purba Medinipur)	
9	Ghatal SDH ( Pashim Medinipur)	
10	Jhargram SDH (Pashim Medinipur)	
11	Nayagram (II) RH (Pashim Medinipur)	
12	Barjora RH ( Bankura)	
13	Suri DH (Birbhum)	
14	Baruipur SDH( South 24-Parganans)	
<b>Total Cost*</b>		

\* Total Cost to be filled in the BOQ in .xls file.