

# WEST BENGAL MEDICAL SERVICES CORPORATION LIMITED

(Wholly Owned by the Government of West Bengal)

Registered Office: Swasthya Sathi, GN-29, Sector-V, Salt Lake, Kolkata– 700091

Phone: 033-4034-0300 ◊ Email: [info@wbmsc.gov.in](mailto:info@wbmsc.gov.in) ◊ website: [www.wbmsc.gov.in](http://www.wbmsc.gov.in)

**Name of work:** **Geo-Technical investigation of sub-soil (any type soil/rock) in connection with work for “Construction of Student Hostel for 124 seats at Murshidabad Medical College & Hospital, Murshidabad”.**

## NOTICE INVITING TENDER

Bid Reference No: WBMSCL/NIT-134/2018

Dated – 05/07/2018

Managing Director, West Bengal Medical Services Corporation Limited, Swasthya Sathi, GN-29, Sector-V, Kolkata - 700 091, invites sealed quotation from reliable, resourceful, experience and bonafied soil exploration firm having experience in similar nature of work who may be found eligible after scrutiny of the credential to be submitted as per particulars given below and will be received by the Office of the Managing Director West Bengal Medical Services Corporation Limited, Swasthya Sathi for the work **“Geo-Technical investigation of sub-soil (any type soil/rock) in connection with work for “Construction of Student Hostel for 124 seats at Murshidabad Medical College & Hospital, Murshidabad”.**

The details may be available at Notice Board of WBMSCL & website [www.wbmsc.gov.in](http://www.wbmsc.gov.in) from 3:00 P.M. on 06.07.2018

No of Sites	3 bore holes for Murshidabad Medical College & Hospital Campus. Each bore hole will be up to 40 m depth.
Bid Security/EMD	The successful bidder will have to deposit earnest money Rs. 6,000.00 (Rupees. Six Thousand) only (In the form of DD from a scheduled bank drawn in favour of “West Bengal Medical Services Corporation Ltd”) at the time of executing of formal agreement as per rules.
Security Deposit	10% of the contract amount to be deducted from the Bill.
Releasing of Security Deposit	06 (Six) Months from the date of completion of work.
Last date of Submission of Quotation	24.07.2018 Up to 3:00 PM
Date of Opening of Quotation	24..07.2018 at 4:00 PM
Validity of Quotation	60 days from the date of submission of Quotation
Time allowed for completion of	20 days from the date of Work order.

Work	
Eligibility of participating bidder	Bonafied reliable and resourceful soil exploration firm having executed similar nature of Work.
Bid opening Venue	West Bengal Medical Services Corporation Ltd, Swasthya Sathi, GN -29 , Sector – V, Salt Lake, Kolkata – 700091.

Prospective bidders are requested to submit the bid in a sealed cover addressed to the Managing Director, West Bengal Medical Services Corporation Ltd, Swasthya Sathi, GN -29 , Sector – V, Salt Lake, Kolkata – 700091 within the stipulated date & time.

Bidders are instructed to submit their bid consisting of two sealed envelope called “Qualifying Bid” & “Financial Bid”.

**Sd/-  
Managing Director  
& Secretary Health & Family Welfare Department**

Documents comprising the bid : ( Bidders are instructed to submit their bid consisting of two sealed envelope called Qualifying Bid & Financial Bid.)

The Qualifying Bid shall comprise the following: -

- a. PAN No.
- b. PT.
- c. IT Return for the last three years.
- d. Experience in similar field.

The Financial Bid shall comprise the following:

Applicable Rate Schedules as per printed format on the letter head of the intending bidder.

(Rate must be given in the format “A” provided below, on the letter head of the intending bidder. Rate must be inclusive of all taxes, charges in respect of all the sites/location. Any taxes, charges etc shown separately will not be considered. Rate Quote in any other format will be treated as cancelled).

Comparison of financial bid will be based on total amount of the site/location.

Each bidder will submit their rate in format “A” stating at par, % (percentage) above or % (percentage) below.

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

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

**Sd/-  
Managing Director  
& Secretary Health & Family Welfare Department**

Managing Director, West Bengal Medical Services Corporation Limited invites quotation from bonafied reliable and resourceful soil exploration firm for executing of Work: Geo-Technical Investigation of sub-soil in connection with work for **“Geo-Technical investigation of sub-soil (any type soil/rock) in connection with work for Construction of Student Hostel for 124 seats at Murshidabad Medical College & Hospital, Murshidabad”**.

The brief details of terms and condition of work are given below.

1 Schedule I	<p>Scope of Work:</p> <p>Geotechnical investigation of soil including mobilization and demobilization charges of plants, equipments and personnel, transportation of soil samples including laboratory test (i.e Liquid Limit &amp; Plastic Limit, Sieve analysis, Hydrometer analysis, Natural moisture content, Dry Density, Sp. Gravity, Unconfined Compression, Consolidation, Direct shear test etc. as required) and submission of soil report comprising of bore logs, laboratory test results, graphs/charts, Bearing capacity of shallow and deep foundation as applicable in five sets complete. [03 nos bore hole of nominal dia of 150 mm and 40 m depth below ground level or up to refusal (<math>N \geq 100</math>) whichever is earlier.</p>	<p>Details of Hospital Described in Table - H</p>
2	Time allowed for completion of Work	20 days
3	<p>Eligibility of Participants:</p> <p>Soil Exploration firm for Soil Test of 01 site for <b>“Geo-Technical investigation of sub-soil (any type soil/rock) in connection with work for Construction of Student Hostel for 124 seats at Murshidabad Medical College &amp; Hospital, Murshidabad”</b>.</p>	<p>Bonafied, reliable and resourceful Soil exploration firm having experience in similar nature of Work.</p>
4	Release of Security Deposit	06 (Six) months from the date of completion of work.
5	Issuance of Materials	<p>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, labour etc.</p>
6	Interim Report	<p>Six original copies of Interim report shall be furnished within 15 days from the date of work order.</p>

TABLE - H

SL. NO.	DISTRICT	NAME OF HOSPITAL
1	Murshidabad	Murshidabad Medical College & Hospital

**FORMAT - A**

BOQ of Geo-Technical investigation of sub-soil (any type soil/rock) in connection with work for "Construction of Student Hostel for 124 seats at Murshidabad Medical College & Hospital, Murshidabad".

Sl No.	Description of Item	Quantity	Unit	Rate (Rs.)	Amount (Rs)
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	1	L.S	28,280.00	28,280.00
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.	1	L.S	1,809.92	1,809.92
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 drilling mud "Bentonite of suitable consistency" is used to prevent collapse of bore hole.				
	i) Depth 0m to 10m	30	meter	328.05	9,841.44
	ii) Depth greater than 10m and upto 20m	30	meter	395.92	11,877.60
	iii) Depth greater than 20m and upto 30m	30	meter	475.10	14,253.12
	iv) Depth greater than 30m. and upto 40m	30	meter	531.66	15,949.92
4	<b>Laboratory Investigation:</b>				
	i) Liquid Limit as per IS 2720 (Part - V).	6	each	395.92	2,375.52
	ii) Plastic Limit as per IS 2720 (Part - V)	6	each	395.92	2,375.52
	iii) Grain size analysis by Sieving as per IS 2720 (Part - IV).	6	each	599.54	3,597.22
	iv) Grain size analysis by Hydrometer Method as per IS 2720 (Part - IV).	6	each	780.53	4,683.17
	v) Determination of Water Content as per IS 2720 (Part - II).	3	each	158.37	475.10
	vi) Determination of Specific Gravity as per IS 2720 (Part - III).	6	each	520.35	3,122.11
	vii) Direct Shear Test as per IS 2720 (Part - XIII).	3	each	644.78	1,934.35
	viii) Determination of Unconfined Compression Strength as per IS 2720 (Part - X). a) Remoulded.	6	each	1,040.70	6,244.22
	ix) Determination of Sand Content as per IS 2720 (Part - IV).	3	each	463.79	1,391.38
	x) Determination of Shrinkage Factor as per IS 2720 (Part - VI).	3	each	576.91	1,730.74

	xi) Determination of Water Content Dry Density relation using light compaction as per IS 2720 (Part – VII).	3	each	1,300.88	3,902.64
	xii) Determination of Water Content Dry Density relation using heavy compaction as per IS 2720 (Part – VIII).	3	each	1,798.61	5,395.82
	xiii) Determination of Density Index (Relative Density of cohesion less soil) as per IS 2720 (Part – XIV).	3	each	1,040.70	3,122.11
	xiv) Tri-Axial Shear Test.a) Determination of Shear strength Parameters of a specimen tested in Unconsolidated Undrained Tri-axial compression without measurement of pore water pressure as per IS 2720 (Part –XI).	3	each	1,040.70	3,122.11
	xv) Determination of Consolidation Properties as per IS 2720 (Part – XIV).	3	each	1,040.70	3,122.11
5	Standard Penetration Tests (S.P.T.) by Split Spoon Sampler in the bore hole as per IS 2131.				
	(i) 0.0m - 10.0m	9	each	395.92	3,563.28
	(ii) 10.0m-20.0m	9	each	520.35	4,683.17
	(iii) 20.0m-30.0m	9	each	644.78	5,803.06
6	Preparation and submission of report in 6 (Six) hard copies and one soft (pdf) copy including video of all SPT, 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 calculation of waterways and complete design of foundation including analysis of Bearing Capacities and settlements in bound and presentable form complete as per direction of Engineer-in-Charge.				
	a) Detailed Investigation	1	L.S	14,140.00	14,140.00
				<b>Total =</b>	<b>1,56,795.63</b>
				<b>Say Total =</b>	<b>1,56,796.00</b>

Amount in words: Rupees One Lakh Fifty Six Thousand Seven Hundred Ninety Six only

(Note:- All rates are inclusive GST and other taxes & cess)

Agreed to do the work "At Par Rate"/.....% (Below or Above) the schedule rate

