

# 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 ♦ website: www.wbmsc.gov.in

**Name of work:** Geo-Technical investigation of sub-soil (any type soil/rock) in connection with work for proposed Barasat Government Medical College in the state of West Bengal at Bonomalipur Mouza (J.L No.- 80 & Khatian No.- 2806) and Uttarhat Mouza (J.I No.- 78 & Khatian No.- 3772) in the District of North 24 Parganas.

## NOTICE INVITING TENDER

**Bid Reference No: WBMSCL/NIT- 155 /2018**

**Dated – 03/ 08 /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 proposed Barasat Government Medical College in the state of West Bengal at Bonomalipur Mouza (J.L No.- 80 & Khatian No.- 2806) and Uttarhat Mouza (J.I No.- 78 & Khatian No.- 3772) in the District of North 24 Parganas**".

The details may be available at Notice Board of WBMSCL & website [www.wbmsc.gov.in](http://www.wbmsc.gov.in) from 12:00 P.M. on 04.08.2018

No of Sites	3 bore holes for <b>Bonomalipur Mouza (J.L No.- 80 &amp; Khatian No.- 2806)</b> and 2 bore holes for <b>Uttarhat Mouza (J.I No.- 78 &amp; Khatian No.- 3772)</b> ) in the District of North 24 Parganas. Each bore hole will be up to 40 m depth.
Bid Security/EMD	Every bidder will have to deposit earnest money <b>Rs. 4637.00 (Rupees. Four Thousand Six Hundred Thirty Seven)</b> only (In the form of DD from a scheduled bank drawn in favour of "West Bengal Medical Services Corporation Ltd") at the time of submission of bid. EMD of unsuccessful bidders will be returned.
Security Deposit	10% of the contract amount to be deducted from the Bill.
Releasing of Security Deposit	One year from the date of completion of work.
Last date of Submission of Quotation	14.08.2018 up to 12:00 PM
Date of Opening of Quotation	14.08.2018 at 01:00 PM
Validity of Quotation	60 days from the date of submission of Quotation
Time allowed for completion of Work	20 days from the date of Work order.
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.

Special Terms & Condition	<p>1. Whenever accepted bid value is 80% or less of the Estimate put to tender, additional performance security @10% of the tendered amount shall be deposited by the successful bidder in the form of Bank Guarantee from any schedule bank before issuance of the work order.</p> <p>2. Failure of submission of additional performance security within seven working days from the date of issuance of Letter of Acceptance, his Earnest Money will be forfeited.</p>
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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. Submission of tender through Post will not be accepted. Tender has to be submitted by the agency or his authorized representative. At the time of opening the owner of the agency or his authorized representative may present.

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 in figure and word must be given in the format “A” provided below, on the letter head of the intending bidder. Rate must be inclusive of all taxes. Any additional expenditure over the tender amount will not be paid. Any taxes, charges etc shown separately will not be considered. Rate Quote in any other format will be treated as cancelled).

Each bidder will submit their rate in format ‘A’ stating at par, % (percentage) above or % (percentage) below. The selected bidder has to take part in Geo-Technical investigations for the sites.

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 proposed Barasat Government Medical College in the state of West Bengal at Bonomalipur Mouza (J.L No.- 80 & Khatian No.- 2806) and Uttarhat Mouza (J.I No.- 78 & Khatian No.- 3772) in the District of North 24 Parganas”**.

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

1 Schedule I	<b>Scope of Work:</b> 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 & 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.[10 nos bore hole of nominal dia of 150 mm and 40 m depth below ground level or up to refusal (N ≥ 100) whichever is earlier.	<b>Details of Land Described in Table - H</b>
2	Time allowed for completion of Work	20 days
3	<b>Eligibility of Participants:</b> Soil Exploration firm for Soil Test of 02 (Two) site for <b>“Geo-Technical investigation of sub-soil (any type soil/rock) in connection with work for proposed Barasat Government Medical College in the state of West Bengal at Bonomalipur Mouza (J.L No.- 80 &amp; Khatian No.- 2806) and Uttarhat Mouza (J.I No.- 78 &amp; Khatian No.- 3772) in the District of North 24 Parganas”</b> .	Bonafied, reliable and resourceful Soil exploration firm having experience in similar nature of Work.
4	Release of Security Deposit	Six Months from the date of completion of work.
5	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, labour etc.
6	Interim Report	Four original copies of Interim report shall be furnished within 15 days from the date of work order.

**TABLE - H**

SL. NO.	DISTRICT	NAME OF LAND
1	North 24 Parganas	<b>Bonomalipur Mouza (J.L No.- 80 &amp; Khatian No.- 2806) and</b>
2	North 24 Parganas	<b>Uttarhat Mouza (J.I No.- 78 &amp; Khatian No.- 3772)</b>

## FORMAT - A

Geo-Technical investigation of sub-soil (any type soil/rock) in connection with work for proposed Barasat Government Medical College in the state of West Bengal at Bonomalipur Mouza (J.L No.- 80 & Khatian No.- 2806) and Uttarhat Mouza (J.L No.- 78 & Khatian No.- 3772) in the District of North 24 Parganas.

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	50	meter	328.05	16,402.40
	ii) Depth greater than 10m and upto 20m	50	meter	395.92	19,796.00
	iii) Depth greater than 20m and upto 30m	50	meter	475.10	23,755.20
	iv) Depth greater than 30m. and upto 40m	50	meter	531.66	26,583.20
4	<b>Laboratory Investigation:</b>				
	i) Liquid Limit as per IS 2720 (Part – V).	10	each	395.92	3,959.20
	ii) Plastic Limit as per IS 2720 (Part – V)	10	each	395.92	3,959.20
	iii) Grain size analysis by Sieving as per IS 2720 (Part – IV).	10	each	599.54	5,995.36
	iv) Grain size analysis by Hydrometer Method as per IS 2720 (Part – IV).	10	each	780.53	7,805.28
	v) Determination of Water Content as per IS 2720 (Part – II).	5	each	158.37	791.84
	vi) Determination of Specific Gravity as per IS 2720 (Part – III).	10	each	520.35	5,203.52
	vii) Direct Shear Test as per IS 2720 (Part – XIII).	5	each	644.78	3,223.92
	viii) Determination of Unconfined Compression Strength as per IS 2720 (Part – X). a) Remoulded.	10	each	1,040.70	10,407.04
	ix) Determination of Sand Content as per IS 2720 (Part – IV).	5	each	463.79	2,318.96

	x) Determination of Shrinkage Factor as per IS 2720 (Part – VI).	5	each	576.91	2,884.56
	xi) Determination of Water Content Dry Density relation using light compaction as per IS 2720 (Part – VII).	5	each	1,300.88	6,504.40
	xii) Determination of Water Content Dry Density relation using heavy compaction as per IS 2720 (Part – VIII).	5	each	1,798.61	8,993.04
	xiii) Determination of Density Index (Relative Density of cohesion less soil) as per IS 2720 (Part – XIV).	5	each	1,040.70	5,203.52
	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).	5	each	1,040.70	5,203.52
	xv) Determination of Consolidation Properties as per IS 2720 (Part – XIV).	5	each	1,040.70	5,203.52
5	Standard Penetration Tests (S.P.T.) by Split Spoon Sampler in the bore hole as per IS 2131.				
	(i) 0.0m - 10.0m	15	each	395.92	5,938.80
	(ii) 10.0m-20.0m	15	each	520.35	7,805.28
	(iii) 20.0m-30.0m	15	each	644.78	9,671.76
8	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>2,31,839.44</b>
<b>Say Total =</b>					<b>2,31,839.00</b>

Amount in words: Rupees Two Lakh Thirty One Thousand Eight Hundred and Thirty Nine only

(Note:- All rates are inclusive taxes)

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