



## WEST BENGAL MEDICAL SERVICES CORPORATION LIMITED

(A Company wholly owned by the Government of West Bengal)

Swasthya Sathi, GN-29, Sector V, Salt Lake, Kolkata 700091

### Corrigendum – 1 to Bidding Documents for

Geo-Technical investigation of sub-soil (any type soil/rock) in connection with work for proposed Jhargram Medical College in the state of West Bengal at Junglekhas Mouza (JL No- 395) and in the campus of Jhargram District Hospital in the District of Jhargram

**Bid Reference No.: WBMSCL/NIT-94/2018**

**Dated: 11/05/2018**

Sl No.	Page No.	Section	Para / Sl No.	Current Clause / Provision	Changed Clause / Provision
1	2	<b>The Financial Bid shall the following:</b>	2	Rate in 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 additional expenditure over the tender amount will be paid. Any taxes, charges etc shown separately will not be considered. Rate Quote in any other format will be treated as cancelled.	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 be paid. Any taxes, charges etc shown separately will not be considered. Rate Quote in any other format will be treated as cancelled
2	2	<b>The Financial Bid shall the following:</b>	4	Each bidder is to quote total amount and item wise breakup rate for the site/location in (Format 'A'). The selected bidder has to take part in Geo-Technical investigations for the sites.	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.
3	3	<b>The brief details of terms and condition of work are given below</b>	3	Soil Exploration firm for Soil Test of 02 (Two) site for "Geo-Technical investigation of sub-soil in connection with work for 'Planning, Design and Execution 'Planning, Design and Construction of Jalpaiguri Government Medical College at Kharia Mouza opposite to multi specialty hospital and in the campus of Jalpaiguri District Hospital in the District of Jalpaigri.	Soil Exploration firm for Soil Test of 02 (Two) site for "Geo-Technical investigation of sub-soil (any type soil/rock) in connection with work for proposed Jhargram Medical College in the state of West Bengal at Junglekhas Mouza (JL No- 395) and in the campus of Jhargram District Hospital in the District of Jhargram".

Sl No.	Page No.	Section	Para / Sl No.	Current Clause / Provision	Changed Clause / Provision
4		Format - A		BOQ of Geo-Technical investigation of sub-soil (any type soil/rock) in connection with work for planning, design and construction of Jhargram Medical College in the state of West Bengal at Junglekhas Mouza and in the campus of Jhargram District Hospital in the District of Jhargram.	Revised BOQ of Geo-Technical investigation of sub-soil (any type soil/rock) in connection with work for planning, design and construction of Jhargram Medical College in the state of West Bengal at Junglekhas Mouza and in the campus of Jhargram District Hospital in the District of Jhargram is attached

Sd/-

Managing Director

WBMSCL

## FORMAT - A

Geo-Technical investigation of sub-soil (any type soil / rock) in connection with work for proposed Jhargram Medical College in the state of West Bengal at Junglekhas Mouza (JL No- 395) and in the campus of Jhargram District Hospital in the District of Jhargram.

SI 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	70	meter	₹ 328.05	₹ 22,963.36
	ii) Depth greater than 10m and upto 20m	70	meter	₹ 395.92	₹ 27,714.40
	iii) Depth greater than 20m and upto 30m	70	meter	₹ 475.10	₹ 33,257.28
	iv) Depth greater than 30m. and upto 40m	70	meter	₹ 531.66	₹ 37,216.48
4	<b>Laboratory Investigation:</b>				
	i) Liquid Limit as per IS 2720 (Part - V).	14	each	₹ 395.92	₹ 5,542.88
	ii) Plastic Limit as per IS 2720 (Part - V)	14	each	₹ 395.92	₹ 5,542.88
	iii) Grain size analysis by Sieving as per IS 2720 (Part - IV).	14	each	₹ 599.54	₹ 8,393.50
	iv) Grain size analysis by Hydrometer Method as per IS 2720 (Part - IV).	14	each	₹ 780.53	₹ 10,927.39
	v) Determination of Water Content as per IS 2720 (Part - II).	7	each	₹ 158.37	₹ 1,108.58
	vi) Determination of Specific Gravity as per IS 2720 (Part - III).	14	each	₹ 520.35	₹ 7,284.93

SI No.	Description of Item	Quantity	Unit	Rate (Rs.)	Amount (Rs)
	vii) Direct Shear Test as per IS 2720 (Part – XIII).	7	each	₹ 644.78	₹ 4,513.49
	viii) Determination of Unconfined Compression Strength as per IS 2720 (Part – X). a) Remoulded.	14	each	₹ 1,040.70	₹ 14,569.86
	ix) Determination of Sand Content as per IS 2720 (Part – IV).	7	each	₹ 463.79	₹ 3,246.54
	x) Determination of Shrinkage Factor as per IS 2720 (Part – VI).	7	each	₹ 576.91	₹ 4,038.38
	xi) Determination of Water Content Dry Density relation using light compaction as per IS 2720 (Part – VII).	7	each	₹ 1,300.88	₹ 9,106.16
	xii) Determination of Water Content Dry Density relation using heavy compaction as per IS 2720 (Part – VIII).	7	each	₹ 1,798.61	₹ 12,590.26
	xiii) Determination of Density Index (Relative Density of cohesion less soil) as per IS 2720 (Part – XIV).	7	each	₹ 1,040.70	₹ 7,284.93
	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).	7	each	₹ 1,040.70	₹ 7,284.93
	xv) Determination of Consolidation Properties as per IS 2720 (Part – XIV).	7	each	₹ 1,040.70	₹ 7,284.93
5	Standard Penetration Tests (S.P.T.) by Split Spoon Sampler in the bore hole as per IS 2131.				
	(i) 0.0m - 10.0m	21	each	₹ 395.92	₹ 8,314.32
	(ii) 10.0m-20.0m	21	each	₹ 520.35	₹ 10,927.39
	(iii) 20.0m-30.0m	21	each	₹ 644.78	₹ 13,540.46
6	<b>FIELD TEST ON ROCKS :</b>				
	Boring and drilling of rocks and collection / recovery of rock core including supplying information on the physical condition and type of rock, length of pieces of core, joints, colour, weathering changes and other effects in the drilling logs as per IS 4464 and IS 5313 complete.				
	a) By Diamond Drills	7	each	₹ 2,092.72	₹ 14,649.04
7	<b>LABORATORY TEST ON ROCKS</b>				
	(i) Compressive Strength of Rock as per IS 1121 (Part-I)	7	per sample	₹ 656.10	₹ 4,592.67
	(ii) Transverse Strength of Rock as per IS 1121 (Part-II)	7	per sample	₹ 769.22	₹ 5,384.51
	(iii) Tensile Strength of Rock as per IS 1121 (Part – III)	7	per sample	₹ 656.10	₹ 4,592.67
	(iv) Shear Strength of Rock as per IS 1121 (Part - IV).	7	per sample	₹ 599.54	₹ 4,196.75

SI No.	Description of Item	Quantity	Unit	Rate (Rs.)	Amount (Rs)
	(v) Determination of True Specific Gravity as per IS 1122	7	per sample	₹ 520.35	₹ 3,642.46
	(vi) Determination of Water Absorption as per IS: 1124	7	per sample	₹ 260.18	₹ 1,821.23
	(vii) Determination of Toughness of rock.	7	per sample	₹ 644.78	₹ 4,513.49
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>₹ 3,50,276.08</b>

Amount in words: Rupees Three Lakh Fifty Thousand Two Hundred Seventy Six and Paise Eight only

(Note:- All rates are inclusive taxes)

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