MUNICIPAL CORPORATION BHILAI (C.G.)

NIT

कार्य का नाम :– वार्ड 03 कोसानगर स्थित शासकीय पूर्व मा.शाला का संधारण कार्य।

(As Per PWD Building SOR 01.01.2015 & Electric SOR 01.06.2020)

S.No.	Description and details of work	Qty.	Unit
1	Providing and laying ceramic glazed floor tiles conforming to IS : 15622 of approved size, make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete. 12.9.1 Size 300x300mm	456.00	Sqm
2	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:In Cement Mortar 1:6 (1 cement : 6 fine sand)	240.00	Sqm
3	Providing and applying 2mm thick ready mix exterior grade approved make putty (manufactured with cow dung processing) on walls to make the surface smooth and even.	1128.75	Sqm
4	Wall painting with premium emulision (plastic)manufactured with cow dungprocessing emulsion paint of required shade to give e an even shade On new work (two or more coats)	760.86	Sqm
5	Painting exterior surface with SMOOTH exterior emulsion paint manufactured with cow dung to give protective and decorative finish including cleaning washing of surface etc. complete with: On new work (Two or more coats applied @ 1.43 ltr/10 sqm)	708.86	Sqm
6	Painting on old work (one or more coats) to give an even shade with: Satin synthetic enamel paint	250.00	Sqm
7	Cement concrete flooring with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement. 12.3.1 40 mm thick	120.00	Sqm
8	Carrying out the resistivity survey by VES method using Schlumberger configuration for locating the proper spot for drilling of tube well within the selected habitation, including otography, interpretation of resistivity data and submission of report in the desired format along with resistivity readings, necessary graph and photographs. (only successful point is payable)	1.00	Point
9	Boring/drilling bore well perfectly vertical for the specified depth suitable to receive required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of ngineer–in-charge upto 90 metre depth below ground level.		
10	All types of soil	25.00	Mtr
11	Rocky strate including Boulders.150 mm nominal dia	65.00	Mtr
12	Supplying, assembling, lowering and fixing in vertical position in bore well,ISI marked G.I. casing pipe (Plain) medium class in 4 to 7 meters length one end fitted with socket as per IS: 1239 (Part-1&Part-2) 1992 with IVth revision (Up-to-date amendments), of reputed & approved make, including required hire & labour charges, fittings & accessories, all complete, for all depths, as per direction of Engineer- in-charge.150 mm nominal dia	25.00	Mtr

13	Development of tube well in accordance with IS : 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity aircompressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laboratory, i/c disinfection of tube well, all complete, including hire & labour charges of air compressor, tools & accessories etc., all as per requirement and direction of Engineer-in-charge.	6.00	Hors
14	Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for bore well of:	1.00	Each
15	Providing ISI Mark 32 mm dia G.I. (B class) riser pipe and M.S. plunger rod in 3 meter length socketed on one end as per IS: 1239 (Part I) 1990 with up to date amendments and socket as per IS: 2062/1990 up to date amendments.	30.00	Mtr
16	Suppling, installation esting and commisioning of submersible pump set for water suppy system with submersible motor directly coupled to multi-stage submeresible pump of specified discharge capacity head, delivery sizein existing bore well including 2 set of suitable size holding clamps made out of 50mm*6mm MS flat with suitable submersible cable of standerd lengh.	1.00	Each
17	Supply estalation testing and commisioning 1-3 Hp 1 phase submersible motorstarter cum control wall/floor mounted type made out of not less than 1.6 mm thick MS sheet and comprising of following panal mounting switchgerars of there in including connection inter connection etc as requird. a phase including lamps with fuses and toggle switches 1 set b.1/2/3 Hp 1 phase DOL staeter with over loadand no volt relay 1 no c. 25 A C curve DPMCB 1 NO D. ammeter 0--A	1.00	Each
18	Cement concrete flooring with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement.	150.00	Mtr
19	Providing & laying 60mm thick precast interlocking concrete blocks of approved size (approx 305 sqcm) and shape/ pattern, over 40 mm thick average complete coarse sand bed with joints of 3mm thick filled by fine sand including leveling with surface vibrator, temping and sweeping etc. complete of minimum compressive strength of 250 kg/sq.cmPigment Coloured (rubber mould) precast interlock concrete blocks	400.00	Sqm

Executive Engineer
Municipal Corporation
Bhilai (C.G)

Asstt. Engineer
Municipal Corporation
Bhilai (C.G)

Sub. Engineer
Municipal Corporatio
Bhilai (C.G)