

# MUNICIPAL CORPORATION BHILAI (C.G.)


## NIT

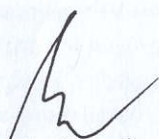
कार्य का नाम :- वार्ड-67 सेक्टर 08 इस्पात भवन का विस्तारीकरण कार्य।

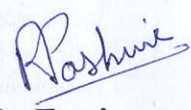
Pwd Building Sor 01.01.2015

S.No.	Description and details of work	Qty.	Unit
1	Repairs to plaster in patches of area 2.5 sq. metres and under including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls with cement mortar 1:4 (1 cement : 4 fine sand) complete including disposal of rubbish to the dumping ground within 50metres lead : Thickness more than 15mm and upto 20mm	250.00	Sqm
2	Providing and laying six course damp proof treatment in basement, sump, reservoir etc. consisting of first, third, fifth course of blown type petroleum bitumen of IS grade 85/25 hot @ 1.6kg/ sqm and 2nd & 4th course of self finished bitumen tar felt with priming coat with bitumen solution applied at the rate of 0.25 litre per sqm and sixth and final course of stone grit 6mm and down pea sized gravel spreaded at 0.008 cum per sqm including preparation of surface by grouting cracks, providing C.C. fillets, rounding of corners and cleaning and drying of the surface before priming coat is applied complete.	500.00	Sqm
3	Brick work with modular well burnt (open bhatta) clay bricks of crushing strength not less than 20 kg/sqcm and water absorption not more than 25% in foundation and plinth in:	20.00	Cum
4	Painting exterior surface with PREMIUM ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc.complete with:On old work (One or more coats applied @ 0.83 ltr/ 10 sqm)	5000.00	Sqm
5	Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade.On old work (one or more coats)	2000.00	Sqm
6	Painting on new work (two or more coats) to give an even shade with: Satin synthetic enamel paint	95.58	Sqm
7	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 250kg/sq.cm	738.00	Sqm
8	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.	88.56	Cum
9	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.	4.56	Cum
10	Supplying and stacking of good earth at site including royalty, loading, unloading and carriage upto 5 km (earth measured in stacks will be reduced by 20% for payment).	250.00	Cum
11	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 photography, 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

S.No.	Description and details of work	Qty.	Unit
12	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 Engineer-in-charge upto 90 metre depth below ground level. All types of soil 150 mm dia.	25.00	Mtr.
13	Rocky strata including Boulders. 150 mm nominal dia	75.00	Mtr.
14	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 ----- 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.
15	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 --- charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge beyond 90 metre & upto 150 metre depth below ground level. Rocky strata including Boulders.150 mm dia.	13.50	Mtr.
16	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" notchmethod or any other approved method, measuring static level & drawdown etc. by step drawdown method, collecting water samples & getting tested in approvedlaboratory, 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.	10.00	Hour
17	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: 150 mm nominal dia	1.00	Each
18	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.	42.00	Mtr.
19	Supplying, installation esting and commisioningof submersible pump set for water supply system with submersible motor directly coupled to multi-stage submersible pump of specified discharge capacity head ,delivery sizein existing bore well including 2 set of suitable size holding clamps made out of 50mm x 6mm MS flat with suitable submersible cable of standard lengh.	1.00	Each
20	supply installation 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 panel mounting switchgerars of there in including connection inter -connection etc. as requird. a. phase indicating lamps with fuses and toggle switches 1 set b. 1/2/3 HP 1 phase DOL starter with over loadand no volt relay 1 no c. 25 A C curve DPMCB 1 NO D ammeter 0.1 A set	1.00	Each
21	FOR ELECTRIFICATION & SANITARY WORK 15%	195214.00	Rs

  
**Executive Engineer**  
Municipal Corporation  
Bhilai (C.G)

  
**Asstt. Engineer**  
Municipal Corporation  
Bhilai (C.G)

  
**Sub. Engineer**  
Municipal Corporatio  
Bhilai (C.G)