

MUNICIPAL CORPORATION OF BHILAI

NIT

वार्ड क्र. 29 बापूनगर तालाब भरने हेतु नलकूप खनन पाईप लाईन एवं अन्य विकास कार्य।


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

S.N.	PARTICULARS OF ITEMS	Quantity	UOM
1	Providing and laying in trenches G.I. pipes medium class complete with G.I. fittings including excavation of trenches, refilling the same and testing of joints complete: A) 40 mm dia. nominal bore	535.00	Metre
2	B) 25 mm dia. nominal bore		
3	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end): a) 25 mm. nominal bore.	700.00	Metre
4	b) 40 mm dia. nominal bore	6	Each
5	Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality: Bib cock (250 grams)	15	Each
		40	Each
6	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)	3	Point
7	Boring/drilling bore well perfectly vertical for the specified depth suitable to receive required dia for casing/ strainer pipe, by suitable method prescribed----- 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.	120.00	Meter
8	Rocky strata including Boulders. 150 mm dia.		
9	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 -----& 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.	210.00	Meter
		105.00	Meter
10	Development of tube well in accordance with IS : 2800 (part I) and IS: 11189, to establish maximum rate of usable ----- 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.	21.00	Hr
11	Providing and fixing M.S. clamp of required dia to the top of casing/ housing pipe of tube well as per IS: 2800 (part I), including necessary bolts & nuts of required size complete. 150 mm clamp.	3	Each
12	Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete: 25 mm dia. nominal bore	210.00	Meter
13	Electric SOR 01.06.2020 Supplying, installation, testing and commissioning of submersible pump set for water supply system with submersible motor directly coupled to multi-stage submersible pump of specified discharge capacity, head, delivery size in existing bore well including 2 sets of suitable size holding clamps made out of 50 mm X 6 mm MS flat, connection with suitable submersible cable of standard length etc. as required. 2.0 HP, single phase	3	Set
14	Electric SOR 01.06.2020 Supply, installation, testing and commissioning of 1-3 HP 1 phase submersible motor starter cum control wall/ floor mounted type made out of not less than 1.6 mm thick MS sheet and comprising of following panel mounting switchgears there in including connection inter-connection etc. as required. a) Phase indicating lamps with fuses and toggle switches 1 set b) 1/2/3 HP 1 phase DOL starter with over load and no volt relay 1 No c) 25 A "C" curve DPMCB 1 No d) Voltmeter 0-250 V 1 set e) Ammeter 0-10 A 1 set	3	Set

S.N.	PARTICULARS OF ITEMS	Quantity	UOM
15	Electric SOR 01.06.2020 Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/ concealed, steel/ PVC conduit/ PVC casing capping as required. 2 x 2.50 sq. mm.	264.00	Meter
16	Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade. On new work (two or more coats)	6283.20	Sqm
17	Providing and planting following herbs in garden including preparation of soil, base plantation, providing and spreading different fertilizers, soil and sand: Hedges like Alife, Dorenta, Tikoma etc	20000	Each
18	Hibiscus (Flower)/ Rose	200	Each
19	Providing and planting of 3"0" to 4"0" heighted wasingtonia, filipharia/bismarkia novelist plam plants with 1"6" x 1"6" depth pit formation and soil preparation, (Mixing organic manure and plant"s protection insecticide). Up to 4 month maintenance.	230	Each
20	Providing and planting of 4"0" to 5"0" heighted Ficus prestige/Blackiana plants with 1"6" x 1"6" depth pit formation and soil preparation, (Mixing organic manure and plant"s protection insecticide). Up to 4 month maintenance.	355	Each
21	Providing and planting of Bogenbelia dwarf, chandni dwarf, kaner dwarf vr flower bearing plants with 0"9" x 0"9" depth pit formation and soil preparation work"s, (Mixing organic manure and plant"s protection insecticide). Up to 4 month maintenance.	300	Each
22	Providing and planting of dwarf red Ekalyha plants showing mass effect view with 0"9" x 0"9" x 1"0" depth pit formation and soil preparation work"s, (Mixing organic manure and plant"s protection insecticide). Up to 4 month maintenance.	200	Each
23	Providing and planting of plumeria (Champa) 2"0" to 3"0" heighted plants with 1"0" x 1"0" x 1"6" depth pit formation and soil preparation work"s, (Mixing organic manure and plant"s protection insecticide). Up to 4 month maintenance.	300	Each
24	Providing and planting of Golden durenta multi branches plants for showing mass effect in 0"6" x 0"6" distance with soil preparation work"s, (Mixing organic manure and plant"s protection insecticide). Up to 4 month maintenance.	100	Each


Executive Engineer
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Assistant Engineer
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Sub-Engineer
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