

MUNICIPAL CORPORATION OF BHILAI

NIT

वार्ड क्र. 38, 39, 43, 49, 50 एवं 51 में 01-01 नग, वार्ड क्र. 44 में 02 नग तथा वार्ड क्र. 45 व 46 में 03-03 नग पेयजल हेतु पानी टंकी निर्माण कार्य।

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

S.N.	PARTICULERS OF ITEMS	Quantity	UOM
1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. In all types of soils.	22.40	Cum
2	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. 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).	5.60	Cum
3	Brick work with modular fly-ash lime bricks (Fal G Bricks) conforming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand)	33.60	Cum
4	Providing and making 12mm thick cement plaster of mix: In Cement mortar 1:5 (1 cement : 5 fine sand)	56.00	Sqm
5	Neat Cement Punning	56.00	Sqm
6	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. 1:1:3 (1 cement : 1 coarse sand : 3 graded stone aggregate 20mm nominal size).	5.60	Cum
7	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	28000.00	Litre
8	Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality: Bib cock (250 grams)	70	Each
9	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	84.00	Meter
10	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 per specification and IS: 694 (2010). 1.0 HP, single phase	14	Set
11	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 per specification. 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	14	Set
12	Providing following size ISI marked FR PVC insulated , PVC sheathed, 3 core submersible copper conductor wire and IS: 694 (2010) 2.5 sq. mm	420.00	Meter


Executive Engineer
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Assistant Engineer
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Sub Engineer
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