

MUNICIPAL CORPORATION OF BHILAI

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NIT

कार्य का नाम-जोन कं. 03 वार्ड कं. 31 मदर टेरेसा नगर ब्लॉक 46/40 एवं आस-पास ब्लॉकों में सिवरेज लाईन संधारण कार्य।

As Per PWD Building SOR 01.01.2015 & PHE SOR 01.06.2020 and amendment

S.N.	PARTICULARS OF ITEMS	Quantity	UOM
1	Excavation for all types and size of foundation, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5m. lift and lead upto 50m (at least 5m away from the excavated area). Including dressing and leveling of pits. In all types of soil cutting of earth for backline	115.92	Cum
2	Excavation for all types and size of foundation, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5m. lift and lead upto 50m (at least 5m away from the excavated area). Including dressing and leveling of pits. In all types of soil + Extra rate for quantity of work executed in or under water and/ or liquid mud including pumping out water.	115.92	Cum
4	Dismantling of old S.W. pipes including breaking of joints and bed concrete stacking of useful materials near the site within 50 m lead but beyond 20m and disposal of unserviceable materials:200 mm diameter	161.00	Mtr
5	Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead. In cement mortar.	3.60	Cum
	Demolishing cement concrete including disposal of material within 50 metre lead. 1:3:6	6.00	Cum
7	Carriage by mechanical transport upto 5 km lead: Earth 50% of all excavation & brick demolishing	115.92	Cum
9	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.	28.98	Cum
11	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. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	0.600	Cum
13	Constructing brick masonry manhole with well burnt modular clay bricks crushing strength not less than 35kg/cm ² in cement mortar 1:4 (1 cement : 4 coarse sand), R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation in cement concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size) inside plastering 12mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design : Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) :	8	Each
14	DEDUCTION:- Providing and fixing in position precast circular 560mm internal dia SFRC/R.C.C. manhole cover or cover and frame of approved quality:	-8	Each

S.N.	PARTICULARS OF ITEMS	Quantity	UOM
15	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size). +Extra for precast PCC/ RCC work of any mix including form work, hoisting and fixing in Cement Mortar. 1:2 (1 Cement : 2 coarse sand) and finishing with cement plaster in Cement Mortar 1:3 (1 Cement : 3 coarse sand) but excluding reinforcement.	0.72	Cum
16	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete: Thermo-Mechanically treated bars FE 415	72.00	Kg
17	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.	2.88	Cum
18	Providing and Laying and Jointing salt glazed stone ware (S.W.) pipes socket and spigot with stiff cement mortar 1:1 including testing of joints complete 200 mm diameter	161.00	Metre
19	Providing and laying cement concrete 1:5:10 (1 cement:5 fine sand: 10 graded stone aggregate 40 mm nominal size) around S.W. pipe including bed concrete 15 cm thick i/c curing, testing etc. complete for 100mm dia. to 300 mm dia pipe.(For type " Concrete Around")200 mm diameter S.W. Pipe	161.00	Metre

कार्यपालन अभियन्ता
नगर पालिक निगम, मिलालई

सहायक अभियन्ता
नगर पालिक निगम, मिलालई

उप अभियन्ता
नगर पालिक निगम, मिलालई