

MUNICIPAL CORPORATION OF BHILAI

NIT

वार्ड क्र. 38 सोनिया गांधी नगर में सीवर लाईन संधारण कार्य।

(As Per PWD Building SOR 01.01.2015)

S.N.	PARTICULERS 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. +Extra rate for quantity of work executed in or under water and/ or liquid mud including pumping out water.	193.23	Cum
2	Carriage by mechanical transport upto 5 km lead: Sludge	193.23	Cum
3	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.	76.13	Cum
4	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).	13.66	Cum
5	Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete : 150 mm diameter	145.00	Metre
6	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round S.W. pipes including bed concrete 150mm thick as per standard design: 150 mm diameter S.W. pipe	145.00	Metre
7	Providing and constructing brick masonry chamber for underground pipe and and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm ² in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design :		
A	Inside dimensions 455x610 mm and 45 cm deep for single pipe line :	4	Each
B	Inside dimensions 500x700 mm and 45 cm deep for pipe line with one or two inlets :	4	Each
C	Inside dimensions 600x 850 mm and 45 cm deep for pipe line with three or more inlets :	4	Each



Executive Engineer
Municipal Corporation
Bhilai

Assistant Engineer
Municipal Corporation
Bhilai



Sub-Engineer
Municipal Corporation
Bhilai