



NAGAR PALIK NIGAM BHILAI

NIT

वार्ड क्र.-25 हाउसिंग बोर्ड 32 एकड जुनियर एमआईजी 28 के सामने सीवरेज लाईन संघारण कार्य।

| S.NO | PARTICULAR | Qty | Unit |
|------|--|---------------|-------------|
| 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. | | |
| | | 166.63 | Cum |
| 2 | Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand) | | |
| | soak pit | 3.20 | Cum |
| 3 | Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand) | | |
| | soak pit | 16.00 | sqm |
| 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 | 235.00 | mtr. |
| 3 | 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: | | |
| | 200 mm diameter S.W. pipe | 235.00 | mtr. |
| 5 | Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the roportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete : | | |
| | 200 mm diameter | 235.00 | mtr. |
| 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. | | |
| | 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40mm nominal size). | | |
| | | 2.81 | Cum |
| 7 | Providing and laying nominal mix reinforced cement concrete with crushed stone ... 20mm nominal size).+ Extra for precast PCC/ RCC work of any mix including form .. 1:3 (1 Cement : 3 coarse sand) but excluding reinforcement. | | |
| | | 3.53 | Cum |
| 8 | 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 | 105.98 | Kg |
| 9 | Providing and constructing brick masonry chamber for underground pipe and bends with well burnt modular clay with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design : | | |

| | | |
|--|--------------|-------------|
| Inside dimensions 600x 850 mm and 45 cm deep for pipe line with three or more inlets : Extra for depth beyond 45 cm total depth 1 m. | | |
| 10 Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete. 110 mm dia pipe. | 18.00 | No |
| 11 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS : 13592 (heavy) jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion. | 3.00 | Mtr. |
| | 2.00 | No. |

(Signature)

ASSTT.ENGINEER

Nagar Palik Nigam, Bhilai

(Signature)
SUB ENGINEER

Nagar Palik Nigam, Bhilai

EXECUTIVE ENGINEER

Nagar Palik Nigam, Bhilai