NIT

कार्यालयों में रैन वाटर हार्वेस्टिंग निर्माण कार्य।

| | | जोन क्र.—02 वैशालीनगर अंतर्गत शासकीय कार्यालयों में रैन वाटर हार्वेस्टिंग निर्माण | | | |
|------|---|---|------------|---------|--|
| | | PWD Build | ding SOR 0 | .01.201 | |
| S.No | T | Description and details of work | Qty. | Unit | |
| 1 | 1 | Dismantling terrazzo or mosaic or glazed vitreous or patent cement or tiled flooring or dado skirting | | | |
| | | of any thickness without sub base. | 13.500 | sqm | |
| 2 | | Demolishing cement concrete including disposal of material within 50 metre lead. 1:3:6 or richer | 1.380 | Cum | |
| | 3 | 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. | | | |
| L | | In all types of soil | 26.340 | 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. 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 40mm nominal size). | 0.780 | Cum | |
| | 5 | 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. | 0.36 | Cum | |
| | 6 | Half brick thick honey comb brick work with modular well burnt clay bricks of crushing strength not less than 35 kg/sqcm and water absorption not more than 20% upto plinth level. Cement Mortar | 27.00 | Cum | |
| | 7 | Half brick thick (9cm) brick masonry with modular well burnt clay bricks of crushing strength not less than 35 kg/sqcm and water absorption not more than 20% upto plinth level: Cement Mortar 1:3 (1 cement : 3 coarse sand) | 25.500 | Cum | |
| | 8 | | 52.80 | sqm | |
| | 9 | coarse sand 3 graded stone aggregate 20mm nominal size). | 1.560 | Cum | |
| | 1 | 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. | 1.560 | Cum | |
| | 1 | 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: Cold twisted bar / Hot rolled deformed steel | 93.60 | kg | |
| | | Supplying, filling, spreading & leveling stone boulders/ Gravels/ Coarse sand, in recharge pit, in the required layers and thickness, for all leads & lifts, all complete as per direction of Engineer-in- | | | |

charge. (excavation of pit will be paid separately). Stone boulders of size range 5 cm to 20 cm, in

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

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. Tee/ Tee with door/

Stone boulders of size range 5 cm to 20 cm, in recharge pit

expansion etc complete. 110 mm dia pipe.

Bend 45°/ Bend 90° 110 mm

Gravels of size range 5 mm to 10 mm, over the existing layer of boulders

Coarse sand of size range 1.5 mm to 2 mm over existing layer of gravel

5.64

2.82

1.86

2.82

51.00

30.00

Cum

Cum

Cum

Cum

mtr

each

12

13

14

recharge pit

| | ON SOR ITEM | dows, ventilators and the like complete. | , | |
|----|--------------|--|--------|----|
| * | | | | |
| 16 | COAL # | | 180.00 | kg |
| 17 | ALUM | | 36.00 | kg |
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