

Detailed Estimate

OD/365/3498/120222/388830/00069108 : DRAINAGE SYSTEM AT DORI VILLAGE

Block : Karanjia, Gram Panchayat : Dori

Created By:RADHAGOBINDA

| 1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift | | | | | | | | |
|---|---------------------|-------|--------|-------|----------------------|-------|---------------------------|-----------|
| Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge | | | | | | | | |
| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | CC DRAIN FOUNDATION | 1.000 | 18.300 | 1.150 | 0.900 | 0.000 | 18.941 | - |
| ii | | 1.000 | 12.000 | 1.450 | 0.900 | 0.000 | 15.660 | - |
| Total Quantity | | | | | 34.6005 cum (cum) | | 34.6005 Cum (Cubic Meter) | |
| Amount | | | | | 34.6005 X 240.77592 | | 8330.97 | |
| 2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed | | | | | | | | |
| Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge. | | | | | | | | |
| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | CC DRAIN BASE | 1.000 | 18.300 | 1.450 | 0.150 | 0.000 | 3.980 | - |
| ii | | 1.000 | 12.000 | 1.450 | 0.150 | 0.000 | 2.610 | - |
| Total Quantity | | | | | 6.59025 cum (cum) | | 6.59025 Cum (Cubic Meter) | |
| Amount | | | | | 6.59025 X 854.513732 | | 5631.46 | |
| 3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal | | | | | | | | |
| Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. | | | | | | | | |
| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |

| | | | | | | | | |
|----------------|---------------|-------|--------|-------|---------------------------|-------|----------------------------|---|
| i | CC DRAIN BASE | 1.000 | 18.300 | 1.450 | 0.150 | 0.000 | 3.980 | - |
| ii | | 1.000 | 12.000 | 1.450 | 0.150 | 0.000 | 2.610 | - |
| iii | CC DRAIN WALL | 2.000 | 18.300 | 0.350 | 0.600 | 0.000 | 7.686 | - |
| iv | | 2.000 | 12.000 | 0.350 | 0.600 | 0.000 | 5.040 | - |
| Total Quantity | | | | | 19.31625 cum (cum) | | 19.31625 Cum (Cubic Meter) | |
| Amount | | | | | 19.31625 X 5619.648484 | | 108550.54 | |

4. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc

Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc

| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
|----------------|---------------|-------|--------|-------|----------------------------|-------|--------------------------|-----------|
| i | CC DRAIN WALL | 4.000 | 18.300 | 0.650 | 0.000 | 0.000 | 47.580 | - |
| ii | | 4.000 | 12.000 | 0.650 | 0.000 | 0.000 | 31.200 | - |
| Total Quantity | | | | | 78.78 Sqm (Sqm) | | 78.78 Sqm (Square Meter) | |
| Amount | | | | | 78.78 X 216.39264180804 | | 17047.41 | |

5. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum

Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specifaion and direction of Engineer-in charge.

| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
|-------|----------------|-------|--------|-------|-------|-------|----------|-----------|
| i | DRAIN BED | 1.000 | 18.300 | 0.600 | 0.075 | 0.000 | 0.824 | - |
| ii | | 1.000 | 12.000 | 0.600 | 0.075 | 0.000 | 0.540 | - |
| iii | DRAIN WALL TOP | 2.000 | 18.300 | 0.300 | 0.050 | 0.000 | 0.549 | - |

| | | | | | | | | |
|--|---------------|-------|--------|-------|----------------------|-------|--------------------------|-----------|
| iv | | 2.000 | 12.000 | 0.300 | 0.050 | 0.000 | 0.360 | - |
| Total Quantity | | | | | 2.2725 cum (cum) | | 2.2725 Cum (Cubic Meter) | |
| Amount | | | | | 2.2725 X 7386.882147 | | 16786.69 | |
| 6. Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) | | | | | | | | |
| 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge. | | | | | | | | |
| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | CC DRAIN WALL | 4.000 | 18.300 | 0.650 | 0.000 | 0.000 | 47.580 | - |
| ii | | 4.000 | 12.000 | 0.650 | 0.000 | 0.000 | 31.200 | - |
| Total Quantity | | | | | 78.78 Sqm (Sqm) | | 78.78 Sqm (Square Meter) | |
| Amount | | | | | 78.78 X 193.46352343 | | 15241.06 | |
| Total Amount | | | | | | | 171588.12 | |
| Addition | | | | | | | | |
| Display Citizen Board (+) @ | | | | | | | 3000.00 | |
| Any Other Lumpsum (+) @ | | | | | | | 2208.10 | |
| Provision for survey investigation and quality control (+) @ | | | | | | | | |
| Provision for Contingency (+) @ | | | | | | | 1785.00 | |
| Total Addition | | | | | | | 6993.10 | |
| Grand Net Total Amount | | | | | | | 178581.22 | |

RADHAGOBINDA
JE
Karanjia Block

LOKANATH NAIK
AEE
Karanjia Block

PRADYUMNA KUMAR NAYAK
BDO
Karanjia Block