

Detailed Estimate

OD/370/3550/121154/426820/00073653 : CONSTRUCTION OF RCC DRAIN AT NARASINGHMUNDA

Block : Gunupur, Gram Panchayat : Regeda

Created By:Ashok Kumar Nayak

| 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 | | | | | | | | |
| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | DRAIN | 1.000 | 75.000 | 0.900 | 0.750 | 0.000 | 50.625 | - |
| ii | LEVELLING | 1.000 | 75.000 | 1.200 | 0.300 | 0.000 | 27.000 | - |
| Total Quantity | | | | | 77.625 cum (cum) | | 77.625 Cum (Cubic Meter) | |
| Amount | | | | | 77.625 X 240.77592 | | 18690.23 | |
| 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. | | | | | | | | |
| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | DRAIN | 1.000 | 75.000 | 0.900 | 0.150 | 0.000 | 10.125 | - |
| Total Quantity | | | | | 10.125 cum (cum) | | 10.125 Cum (Cubic Meter) | |
| Amount | | | | | 10.125 X 491.226832 | | 4973.67 | |
| 3. R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position | | | | | | | | |
| Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge. | | | | | | | | |
| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | SKIN REINFORCEMENT | 2.000 | 75.000 | 0.150 | 0.400 | 1.000 | 9.000 | - |

| | | | | | | | | |
|--|-------------|-------|--------|------------------|----------------------------|-------|---------------------------|-----------|
| Total Quantity | | | | 9 Qntl (Quintal) | | | 9 Qntl (Quintal) | |
| Amount | | | | 9 X 8412.1356417 | | | 75709.22 | |
| 4. Concrete (AR0307a) : Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum | | | | | | | | |
| Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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 | 75.000 | 0.750 | 0.150 | 0.000 | 8.438 | - |
| ii | WALL | 2.000 | 75.000 | 0.150 | 0.750 | 0.000 | 16.875 | - |
| Total Quantity | | | | | 25.3125 cum (cum) | | 25.3125 Cum (Cubic Meter) | |
| Amount | | | | | 25.3125 X 6352.31071954 | | 160792.87 | |
| 5. 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 | WALL | 2.000 | 75.000 | 1.000 | 0.000 | 0.000 | 150.000 | - |
| Total Quantity | | | | | 150 Sqm (Sqm) | | 150 Sqm (Square Meter) | |
| Amount | | | | | 150 X 216.23489289764 | | 32435.23 | |
| Total Amount | | | | | | | 292601.22 | |
| Addition | | | | | | | | |
| Provision for PH Work (+) @ | | | | | | | | |
| Provision for EI Work (+) @ | | | | | | | | |
| Provision for Contingency (+) @ | | | | | | | 3000.00 | |

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|--|------------------|
| Display Citizen Board (+) @ | 4000.00 |
| Any Other Lumpsum (+) @ | |
| Provision for survey investigation and quality control (+) @ | |
| Total Addition | 7000.00 |
| Grand Net Total Amount | 299601.22 |

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