

Detailed Estimate

OD/365/3508/120363/388747/00111723 : Const. of CC Drain from Doli Chattar house to Jagabandhu Chattar house at Tangia

Block : Sukruli, Gram Panchayat : Jhadaghosada

Created By:Nanda Kishore Soren

| 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 | 50.300 | 1.200 | 0.750 | 0.000 | 45.270 | - |
| Total Quantity | | | | | | 45.27 cum (cum) | 45.27 Cum (Cubic Meter) | |
| Amount | | | | | | 45.27 X 240.77592 | 10899.93 | |
| 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 | 50.300 | 1.200 | 0.150 | 0.000 | 9.054 | - |
| Total Quantity | | | | | | 9.054 cum (cum) | 9.054 Cum (Cubic Meter) | |
| Amount | | | | | | 9.054 X 951.352532 | 8613.55 | |
| 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. | | | | | | | | |
| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | Bed | 1.000 | 50.300 | 1.200 | 0.100 | 0.000 | 6.036 | - |
| ii | Wall | 2.000 | 50.300 | 0.250 | 0.600 | 0.000 | 15.090 | - |
| Total Quantity | | | | | | 21.126 cum (cum) | 21.126 Cum (Cubic Meter) | |
| Amount | | | | | | 21.126 X 5662.415015 | 119624.18 | |

4. 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 specificaion and direction of Engineer-in charge.

| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
|----------------|-------------|-------|--------|-------|-------|---------------------|--------------------------|-----------|
| i | Bed | 1.000 | 50.300 | 0.600 | 0.050 | 0.000 | 1.509 | - |
| ii | Wall | 2.000 | 50.300 | 0.250 | 0.050 | 0.000 | 1.258 | - |
| Total Quantity | | | | | | 2.7665 cum (cum) | 2.7665 Cum (Cubic Meter) | |
| Amount | | | | | | 2.7665 X 7413.96863 | 20510.74 | |

5. R.C.C. Work (AR0404Ag) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips

Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)

| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
|----------------|-------------|-------|-------|-------|-------|-----------------------------|--------------------------|-----------|
| i | slab | 1.000 | 3.650 | 1.100 | 0.100 | 0.000 | 0.402 | - |
| Total Quantity | | | | | | 0.4015 cum (cum) | 0.4015 Cum (Cubic Meter) | |
| Amount | | | | | | 0.4015 X 12741.120360887 | 5115.56 | |

6. 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 | 4.000 | 50.300 | 0.000 | 0.600 | 0.000 | 120.720 | - |
| Total Quantity | | | | | | 120.72 Sqm (Sqm) | 120.72 Sqm (Square Meter) | |
| Amount | | | | | | 120.72 X 216.23489289764 | 26103.88 | |

7. 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 | | 1.000 | 0.400 | 1.000 | 1.000 | 0.000 | 0.400 | - |
| Total Quantity | | | | | 0.4 Qntl (Quintal) | | 0.4 Qntl (Quintal) | |
| Amount | | | | | 0.4 X 8418.7915619 | | 3367.52 | |

Total Amount (A) : 194235.35

Additional Components

| # | Item Name | Remark | Amount (in Rs.) |
|---|----------------------------------|--------|-----------------|
| 1 | Provision for Contingency @ Rs.0 | - | 0 |
| 2 | Display Citizen Board @ Rs.3000 | - | 3000 |
| 3 | Any Other Lumpsum @ Rs.2764.6 | - | 2764.6 |

Additional Components Amount (F) : 5764.6

Grand Total Amount (A + F) : 199999.94826517

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