

Detailed Estimate

OD/365/3500/120253/389420/00077439 : Const. of CC road from Duvia Tubewell Chhaka to Sankirtan Mandap
Block : Kuliana, Gram Panchayat : Kuchej
Created By:SRIMANTA SETHI

| 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 | Cutoff wall both side | 2.000 | 43.000 | 0.250 | 0.200 | 0.000 | 4.300 | - |
| ii | road bed of undulated portion | 1.000 | 15.000 | 3.650 | 0.600 | 0.000 | 32.850 | - |
| Total Quantity | | | | | 37.15 cum (cum) | | 37.15 Cum (Cubic Meter) | |
| Amount | | | | | 37.15 X 240.77592 | | 8944.83 | |
| 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 | cutoff wall | 2.000 | 43.000 | 0.250 | 0.075 | 0.000 | 1.613 | - |
| ii | road bed | 1.000 | 43.000 | 3.150 | 0.100 | 0.000 | 13.545 | - |
| Total Quantity | | | | | 15.1575 cum (cum) | | 15.1575 Cum (Cubic Meter) | |
| Amount | | | | | 15.1575 X 1089.884132 | | 16519.92 | |
| 3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal | | | | | | | | |
| Cement concrete (1:3:6) with 4 cm. hard granite(Crusher 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 | cutoff wall | 2.000 | 43.000 | 0.250 | 0.225 | 0.000 | 4.838 | - |
| ii | road bed | 1.000 | 43.000 | 3.650 | 0.100 | 0.000 | 15.695 | - |
| Total Quantity | | | | | 20.5325 cum (cum) | | 20.5325 Cum (Cubic Meter) | |
| Amount | | | | | 20.5325 X 6283.5092428 | | 129016.15 | |

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 specifaion and direction of Engineer-in charge.

| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
|----------------|------------------|-------|--------|-------|----------------------------|-------|----------------------------|-----------|
| i | wearing concrete | 1.000 | 43.000 | 3.650 | 0.075 | 0.000 | 11.771 | - |
| Total Quantity | | | | | 11.77125 cum (cum) | | 11.77125 Cum (Cubic Meter) | |
| Amount | | | | | 11.77125 X 7804.6710306 | | 91870.73 | |

5. 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.

| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
|----------------|--------------------|---------|--------|-------|----------------------------|-------|-------------------------|-----------|
| i | skin reinforcement | 145.000 | 3.600 | 0.000 | 0.000 | 0.395 | 206.190 | - |
| ii | skin reinforcement | 14.000 | 42.950 | 0.000 | 0.000 | 0.395 | 237.514 | - |
| Total Quantity | | | | | 443.7035 Kg (Kilo Gram) | | 4.437035 Qntl (Quintal) | |
| Amount | | | | | 4.437035 X 8416.2696929 | | 37343.28 | |

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 | cut off wall | 4.000 | 43.000 | 0.000 | 0.100 | 0.000 | 17.200 | - |
| ii | road side | 2.000 | 43.000 | 0.000 | 0.175 | 0.000 | 15.050 | - |
| Total Quantity | | | | | 32.25 Sqm (Sqm) | | 32.25 Sqm (Square Meter) | |
| Amount | | | | | 32.25 X 216.23489289764 | | 6973.58 | |
| Total Amount | | | | | | | 290668.49 | |
| Addition | | | | | | | | |
| Provision for Contingency (+) @ | | | | | | | 3000.00 | |
| Display Citizen Board (+) @ | | | | | | | 4000.00 | |
| Any Other Lumpsum (+) @ | | | | | | | 2331.00 | |
| Provision for survey investigation and quality control (+) @ | | | | | | | | |
| Total Addition | | | | | | | 9331.00 | |
| Grand Net Total Amount | | | | | | | 299999.49 | |

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