

Detailed Estimate

OD/354/3378/117862/412577/00017507 : CONSTRUCTION O CC CUM PAVER ROAD FROM KUMBHARA SAHI TO ANANTA NAGAR DAKHINAPUR

Block : Kukudakhandi, Gram Panchayat : Dakhinapur

Created By:ASWIN SUBUDHI

| 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 | CUTOFF WALL EXCAVATION | 2.000 | 40.000 | 0.300 | 0.300 | 1.000 | 7.200 | - |
| Total Quantity | | | | | 7.2 cum (cum) | | 7.2 Cum (Cubic Meter) | |
| Amount | | | | | 7.2 X 240.77592 | | 1733.59 | |
| 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 | cutoff wall | 2.000 | 40.000 | 0.300 | 0.100 | 1.000 | 2.400 | - |
| ii | Road Base | 1.000 | 40.000 | 4.500 | 0.100 | 1.000 | 18.000 | - |
| Total Quantity | | | | | 20.4 cum (cum) | | 20.4 Cum (Cubic Meter) | |
| Amount | | | | | 20.4 X 804.488432 | | 16411.56 | |
| 3. 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 | Side Cutoff wall | 2.000 | 40.000 | 0.230 | 0.350 | 1.000 | 6.440 | - |

| | | | | | | | | |
|--|-----------------|----------------------------|--------|----------------------------|-------|-------|----------|-----------|
| Total Quantity | | 6.44 cum (cum) | | 6.44 Cum (Cubic Meter) | | | | |
| Amount | | 6.44 X 7143.7167286 | | 46005.54 | | | | |
| 4. miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC | | | | | | | | |
| Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge. | | | | | | | | |
| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | Road | 1.000 | 40.000 | 4.500 | 0.000 | 1.000 | 180.000 | - |
| Total Quantity | | 180 Sqm (Sqm) | | 180 Sqm (Square Meter) | | | | |
| Amount | | 180 X 630.5826 | | 113504.87 | | | | |
| 5. Road Work (AR1311i) : Spreading metal for patch or pothole repairs and consolidation with H.R.R. with crusher dust | | | | | | | | |
| Supplying and spreading metal for patch or pothole repairs and consolidation with H.R.R. or rammers with crusher dust and sand blinding, etc. complete including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and direction of Engineer-in-Charge. | | | | | | | | |
| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | Pothole filling | 1.000 | 3.500 | 1.250 | 0.150 | 1.000 | 0.656 | - |
| ii | Pothole filling | 1.000 | 5.500 | 2.000 | 0.150 | 1.000 | 1.650 | - |
| iii | Pothole filling | 1.000 | 4.000 | 1.650 | 0.150 | 1.000 | 0.990 | - |
| iv | Pothole filling | 1.000 | 2.150 | 1.550 | 0.150 | 0.000 | 0.500 | - |
| v | Pathole filling | 1.000 | 6.500 | 0.900 | 0.150 | 0.000 | 0.878 | - |
| Total Quantity | | 4.673625 cum (cum) | | 4.673625 Cum (Cubic Meter) | | | | |
| Amount | | 4.673625 X 2589.4557915604 | | 12102.15 | | | | |
| 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

| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
|--|-------------|-------|--------|-------|----------------------|-------|-----------------------|-----------|
| i | Cutoff wall | 4.000 | 40.000 | 0.000 | 0.200 | 0.000 | 32.000 | - |
| Total Quantity | | | | | 32 Sqm (Sqm) | | 32 Sqm (Square Meter) | |
| Amount | | | | | 32 X 216.23489289764 | | 6919.52 | |
| Total Amount | | | | | | | 196677.22 | |
| Addition | | | | | | | | |
| Provision for Contingency (+) @ | | | | | | | 2000.00 | |
| Display Citizen Board (+) @ | | | | | | | 1322.00 | |
| Any Other Lumpsum (+) @ | | | | | | | 0.00 | |
| Provision for survey investigation and quality control (+) @ | | | | | | | | |
| Total Addition | | | | | | | 3322.00 | |
| Grand Net Total Amount | | | | | | | 199999.22 | |

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