

Detailed Estimate

OD/363/3469/119776/428949/00067281 : CONSTRUCTION OF PAVER BLOCK ROAD AT PURIMUNDA

Block : Dasamantapur, Gram Panchayat : Podagada

Created By:Pratap Kumar Sahoo

| 1. Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation | | | | | | | | |
|---|-------------|-------|---------|-------|--------------------|-------|--------------------------|-----------|
| Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface. | | | | | | | | |
| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | ROAD | 1.000 | 105.000 | 3.000 | 0.000 | 0.000 | 315.000 | - |
| Total Quantity | | | | | 315 Sqm (Sqm) | | 315 Sqm (Square Meter) | |
| Amount | | | | | 315 X 4.6662 | | 1469.85 | |
| 2. 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 | 2.000 | 105.000 | 0.250 | 0.250 | 0.000 | 13.125 | - |
| ii | P. WALL | 1.000 | 5.000 | 0.300 | 0.300 | 0.000 | 0.450 | - |
| iii | END CUTOFF | 4.000 | 3.000 | 0.300 | 0.300 | 0.000 | 1.080 | - |
| Total Quantity | | | | | 14.655 cum (cum) | | 14.655 Cum (Cubic Meter) | |
| Amount | | | | | 14.655 X 240.77592 | | 3528.57 | |
| 3. 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 | ROAD | 1.000 | 105.000 | 3.000 | 0.120 | 0.000 | 37.800 | - |
| Total Quantity | | | | | 37.8 cum (cum) | | 37.8 Cum (Cubic Meter) | |
| Amount | | | | | 37.8 X 587.318232 | | 22200.63 | |
| 4. 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. | | | | | | | | |
| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | P. WALL | 1.000 | 5.000 | 0.300 | 0.600 | 0.000 | 0.900 | - |
| Total Quantity | | | | | 0.9 cum (cum) | | 0.9 Cum (Cubic Meter) | |
| Amount | | | | | 0.9 X 5794.6045523 | | 5215.14 | |
| 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 | CUTOFF | 2.000 | 105.000 | 0.250 | 0.350 | 0.000 | 18.375 | - |
| ii | END CUTOFF | 4.000 | 3.000 | 0.300 | 0.400 | 0.000 | 1.440 | - |
| Total Quantity | | | | | 19.815 cum (cum) | | 19.815 Cum (Cubic Meter) | |
| Amount | | | | | 19.815 X 7300.7431961 | | 144664.23 | |
| 6. 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 | 105.000 | 3.000 | 0.000 | 0.000 | 315.000 | - |

| Total Quantity | | 315 Sqm (Sqm) | | 315 Sqm (Square Meter) | | | | |
|---|-------------|------------------------|---------|-------------------------|-------|-------|----------|-----------|
| Amount | | 315 X 624.132 | | 196601.58 | | | | |
| 7. 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 SIDE | 2.000 | 105.000 | 0.000 | 0.350 | 0.000 | 73.500 | - |
| ii | P. WALL | 2.000 | 5.000 | 0.000 | 0.600 | 0.000 | 6.000 | - |
| iii | END CUTOFF | 4.000 | 3.000 | 0.000 | 0.300 | 0.000 | 3.600 | - |
| Total Quantity | | 83.1 Sqm (Sqm) | | 83.1 Sqm (Square Meter) | | | | |
| Amount | | 83.1 X 217.18138636004 | | 18047.77 | | | | |
| Total Amount | | 391727.78 | | | | | | |
| Addition | | | | | | | | |
| Provision for Contingency (+) @ | | 3917.28 | | | | | | |
| Display Citizen Board (+) @ | | 4354.94 | | | | | | |
| Any Other Lumpsum (+) @ | | | | | | | | |
| Provision for survey investigation and quality control (+) @ | | | | | | | | |
| Total Addition | | 8272.22 | | | | | | |
| Grand Net Total Amount | | 399999.99 | | | | | | |

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