

Detailed Estimate

OD/363/3469/119763/428409/00067284 : CONSTRUCTION OF PAVER BLOCK ROAD AT TALAGADLA
Block : Dasamantapur, Gram Panchayat : Chikamba
Created By:Haladhar Sial

| 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 | Levelling for paver | 1.000 | 101.000 | 3.400 | 0.000 | 0.000 | 343.400 | - |
| Total Quantity | | | | | 343.4 Sqm (Sqm) | | 343.4 Sqm (Square Meter) | |
| Amount | | | | | 343.4 X 4.6662 | | 1602.37 | |
| 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 | Protection for paver | 4.000 | 3.400 | 0.200 | 0.200 | 0.000 | 0.544 | - |
| ii | | 2.000 | 101.000 | 0.200 | 0.200 | 0.000 | 8.080 | - |
| iii | Drain | 1.000 | 2.500 | 1.500 | 0.600 | 0.000 | 2.250 | - |
| Total Quantity | | | | | 10.874 cum (cum) | | 10.874 Cum (Cubic Meter) | |
| Amount | | | | | 10.874 X 240.77592 | | 2618.20 | |
| 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 | Paver road base | 1.000 | 101.000 | 3.000 | 0.150 | 0.000 | 45.450 | - |
| ii | Drain Base | 1.000 | 2.500 | 1.500 | 0.100 | 0.000 | 0.375 | - |
| Total Quantity | | | | | 45.825 cum (cum) | | 45.825 Cum (Cubic Meter) | |
| Amount | | | | | 45.825 X 718.820232 | | 32939.94 | |
| 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 | Drain Base | 1.000 | 2.500 | 1.500 | 0.150 | 0.000 | 0.563 | - |
| ii | Drain Wall | 2.000 | 2.500 | 0.375 | 0.500 | 0.000 | 0.938 | - |
| Total Quantity | | | | | 1.5 cum (cum) | | 1.5 Cum (Cubic Meter) | |
| Amount | | | | | 1.5 X 5777.77034094 | | 8666.66 | |
| 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 specificaion and direction of Engineer-in charge. | | | | | | | | |
| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | Protection & cutoff for paver | 4.000 | 3.400 | 0.200 | 0.430 | 0.000 | 1.170 | - |
| ii | | 2.000 | 101.000 | 0.200 | 0.430 | 0.000 | 17.372 | - |
| iii | Drain base | 1.000 | 2.500 | 0.600 | 0.050 | 0.000 | 0.075 | - |
| iv | Wall top | 2.000 | 2.500 | 0.300 | 0.050 | 0.000 | 0.075 | - |
| Total Quantity | | | | | 18.6916 cum (cum) | | 18.6916 Cum (Cubic Meter) | |
| Amount | | | | | 18.6916 X 7276.99887178 | | 136018.75 | |

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 | Drain wall | 4.000 | 2.500 | 0.550 | 0.000 | 0.000 | 5.500 | - |
| ii | Paver block side | 2.000 | 101.000 | 0.430 | 0.000 | 0.000 | 86.860 | - |
| iii | Paver block end wall | 4.000 | 3.400 | 0.430 | 0.000 | 0.000 | 5.848 | - |
| Total Quantity | | | | | 98.208 Sqm (Sqm) | | 98.208 Sqm (Square Meter) | |
| Amount | | | | | 98.208 X 217.02363744964 | | 21313.46 | |

7. 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 | Paver road | 1.000 | 101.000 | 3.000 | 0.000 | 0.000 | 303.000 | - |
| Total Quantity | | | | | 303 Sqm (Sqm) | | 303 Sqm (Square Meter) | |
| Amount | | | | | 303 X 628.038 | | 190295.51 | |
| Total Amount | | | | | | | 393454.89 | |
| Addition | | | | | | | | |
| Provision for Contingency (+) @ | | | | | | | 1500.00 | |
| Display Citizen Board (+) @ | | | | | | | 4000.00 | |
| Any Other Lumpsum (+) @ | | | | | | | 1045.10 | |

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| Provision for survey investigation and quality control (+) @ | |
| Total Addition | 6545.10 |
| Grand Net Total Amount | 399999.99 |

JE
Dasamantapur Block

Abhishek Sarangi
AEE
Dasamantapur Block

SIDDHESWAR NAYAK
BDO
Dasamantapur Block