

Detailed Estimate

**OD/346/3298/116058/394018/00063620 : Impvt. & Const. of cc road from PATANA KURUDA AWC CENTER TO
MADAN BARIK HOUSE KURUDA
Block : Bahanaga, Gram Panchayat : Kuruda
Created By: PRASANTA GHADAI**

| 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 | Road base | 1.000 | 86.000 | 10.000 | 0.160 | 0.000 | 137.600 | - |
| ii | Cut off walls | 2.000 | 86.000 | 0.750 | 0.500 | 0.000 | 64.500 | - |
| Total Quantity | | | | | 202.1 Cft (Cubic Foot) | | 5.72282528 Cum (Cubic Meter) | |
| Amount | | | | | 5.72282528 X 240.77592 | | 1377.92 | |
| 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 | Below cut off walls | 2.000 | 86.000 | 0.750 | 0.160 | 0.000 | 20.640 | - |
| ii | Road bed | 1.000 | 86.000 | 8.330 | 0.330 | 0.000 | 236.405 | - |
| Total Quantity | | | | | 257.0454 Cft (Cubic Foot) | | 7.27870318272 Cum (Cubic Meter) | |
| Amount | | | | | 7.27870318272 X 1447.535232 | | 10536.18 | |
| 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.

| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
|----------------|--------------|-------|--------|-------|----------------------------------|-------|---------------------------------|-----------|
| i | Cut off wall | 2.000 | 86.000 | 0.750 | 0.830 | 0.000 | 107.070 | - |
| ii | Road Bed | 1.000 | 86.000 | 8.330 | 0.330 | 0.000 | 236.405 | - |
| Total Quantity | | | | | 343.4754 Cft (Cubic Foot) | | 9.72612420672 Cum (Cubic Meter) | |
| Amount | | | | | 9.72612420672 X 6184.17942526 | | 60148.10 | |

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.

| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
|----------------|-------------|-------|--------|--------|-------------------------------|-------|------------------------------|-----------|
| i | Road Bed | 1.000 | 86.000 | 10.000 | 0.330 | 0.000 | 283.800 | - |
| Total Quantity | | | | | 283.8 Cft (Cubic Foot) | | 8.03630784 Cum (Cubic Meter) | |
| Amount | | | | | 8.03630784 X 7624.59883962 | | 61273.62 | |

5. 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 | 2.000 | 86.000 | 2.000 | 0.660 | 0.000 | 227.040 | - |
| ii | Out side | 1.000 | 86.000 | 2.000 | 0.330 | 0.000 | 56.760 | - |
| Total Quantity | | | | | 283.8 Sft (Square Foot) | | 26.3658714 Sqm (Square Meter) | |

| | | |
|--|---------------------------------|------------------|
| Amount | 26.3658714 X 216.23489289764 | 5701.22 |
| Total Amount | | 139037.04 |
| Addition | | |
| Provision for Contingency (+) @ | | 1437.00 |
| Display Citizen Board (+) @ | | 1800.00 |
| Any Other Lumpsum (+) @ | | 1437.00 |
| Provision for survey investigation and quality control (+) @ | | |
| Total Addition | | 4674.00 |
| Grand Net Total Amount | | 143711.04 |

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