

## Detailed Estimate

**OD/370/3556/121244/426721/00099657 : Const of CC road at Sdhepaguda new street**  
**Block : Ramanaguda, Gram Panchayat : Nilamguda**  
**Created By:LADI RABINDRA KUMAR**

| <b>1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b>  |                              |       |        |       |                            |       |                                 |           |
|--|------------------------------|-------|--------|-------|----------------------------|-------|---------------------------------|-----------|
| 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  | Earth work excavation in F&P | 1.000 | 55.000 | 3.650 | 0.100                      | 0.000 | 20.075                          | -         |
| ii   | Cutoffs                      | 2.000 | 55.000 | 0.300 | 0.200                      | 0.000 | 6.600                           | -         |
| <b>Total Quantity</b>  |                              |       |        |       | <b>26.675 cum (cum)</b>    |       | <b>26.675 Cum (Cubic Meter)</b> |           |
| <b>Amount</b>  |                              |       |        |       | <b>26.675 X 240.77592</b>  |       | <b>6422.70</b>                  |           |
| <b>2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b>  |                              |       |        |       |                            |       |                                 |           |
| 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  | Filling Sand                 | 1.000 | 55.000 | 3.650 | 0.100                      | 0.000 | 20.075                          | -         |
| <b>Total Quantity</b>  |                              |       |        |       | <b>20.075 cum (cum)</b>    |       | <b>20.075 Cum (Cubic Meter)</b> |           |
| <b>Amount</b>  |                              |       |        |       | <b>20.075 X 596.408232</b> |       | <b>11972.90</b>                 |           |
| <b>3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b>   |                              |       |        |       |                            |       |                                 |           |
| 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  | Cutoff walls                 | 2.000 | 55.000 | 0.300 | 0.100                      | 0.000 | 3.300                           | -         |
| ii   | Road Base                    | 1.000 | 55.000 | 3.650 | 0.100                      | 0.000 | 20.075                          | -         |

|                |                           |                          |
|----------------|---------------------------|--------------------------|
| Total Quantity | 23.375 cum (cum)          | 23.375 Cum (Cubic Meter) |
| Amount         | 23.375 X<br>5297.83485242 | 123836.89                |

#### 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 specificaion and direction of Engineer-in charge.

| SI No          | Description | No    | L      | B     | D                         | CF    | Quantity                 | Deduction |
|----------------|-------------|-------|--------|-------|---------------------------|-------|--------------------------|-----------|
| i              | Road top CC | 1.000 | 55.000 | 3.650 | 0.100                     | 0.000 | 20.075                   | -         |
| Total Quantity |             |       |        |       | 20.075 cum (cum)          |       | 20.075 Cum (Cubic Meter) |           |
| Amount         |             |       |        |       | 20.075 X<br>6879.13247654 |       | 138098.58                |           |

#### 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              | Road side C&S | 2.000 | 55.000 | 0.000 | 0.200                | 2.000 | 44.000                | -         |
| Total Quantity |               |       |        |       | 44 Sqm (Sqm)         |       | 44 Sqm (Square Meter) |           |
| Amount         |               |       |        |       | 44 X 216.55039071844 |       | 9528.22               |           |

Total Amount (A) : 289859.28

#### Additional Components

| # | Item Name                       | Remark                                  | Amount (in Rs.) |
|---|---------------------------------|---|-----------------|
| 1 | Provision for Contingency @ 1%  | -                                       | 2898.5928425687 |
| 2 | Display Citizen Board @ Rs.5000 | -                                       | 5000            |
| 3 | Any Other Lumpsum @ Rs.2242.12  | Any Item of Quntity Deviation if any... | 2242.12         |

Additional Components Amount (F) : 10140.712842569

Grand Total Amount (A + F) : 299999.99709944

**LADI RABINDRA KUMAR**  
**JE**  
**Ramanaguda Block**

**HARE KRUSHNA PANDA**  
**AEE**  
**Ramanaguda Block**

**PRADYUMNA MANDAL**  
**BDO**  
**Ramanaguda Block**