

## Detailed Estimate

**OD/361/3452/119463/386086/00015543 : CONSTRUCTION OF CC ROAD FROM RAMACHANDRA MAHANTA HOUSE TO  
AWC JALIKHUNTA NELUNG GP NELUNG  
Block : Kendujhar Sadar, Gram Panchayat : Nelung  
Created By:Ratikanta Lenka**

| <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   |             |       |        |        |                                    |       |                              |           |
| Sl No   | Description | No    | L      | B      | D                                  | CF    | Quantity                     | Deduction |
| i   | Cut of wall | 2.000 | 95.000 | 0.830  | 0.500                              | 0.000 | 78.850                       | -         |
| Total Quantity  |             |       |        |        | 78.85 Cft (Cubic Foot)             |       | 2.23277968 Cum (Cubic Meter) |           |
| <b>Amount</b>   |             |       |        |        | <b>2.23277968 X<br/>240.77592</b>  |       | <b>537.60</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.  |             |       |        |        |                                    |       |                              |           |
| Sl No   | Description | No    | L      | B      | D                                  | CF    | Quantity                     | Deduction |
| i   | Cut of wall | 2.000 | 95.000 | 0.830  | 0.250                              | 0.000 | 39.425                       | -         |
| ii  | Road Area   | 1.000 | 95.000 | 10.330 | 0.250                              | 0.000 | 245.337                      | -         |
| Total Quantity  |             |       |        |        | 284.7625 Cft (Cubic Foot)          |       | 8.06356276 Cum (Cubic Meter) |           |
| <b>Amount</b>   |             |       |        |        | <b>8.06356276 X<br/>745.201432</b> |       | <b>6008.98</b>               |           |
| <b>3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal</b>   |             |       |        |        |                                    |       |                              |           |
| Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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. |             |       |        |        |                                    |       |                              |           |
| Sl No   | Description | No    | L      | B      | D                                  | CF    | Quantity                     | Deduction |
| i   | Cut of wall | 2.000 | 95.000 | 0.830  | 0.750                              | 0.000 | 118.275                      | -         |

|   |             |       |        |        |                                  |       |                                 |           |
|---|-------------|-------|--------|--------|----------------------------------|-------|---------------------------------|-----------|
| ii  | Road Area   | 1.000 | 95.000 | 10.330 | 0.330                            | 0.000 | 323.845                         | -         |
| Total Quantity  |             |       |        |        | 442.1205 Cft (Cubic Foot)        |       | 12.5194377744 Cum (Cubic Meter) |           |
| Amount  |             |       |        |        | 12.5194377744 X<br>5559.73071476 |       | 69604.70                        |           |
| <b>4. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum</b>  |             |       |        |        |                                  |       |                                 |           |
| 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. |             |       |        |        |                                  |       |                                 |           |
| Sl No   | Description | No    | L      | B      | D                                | CF    | Quantity                        | Deduction |
| i   | Road Area   | 1.000 | 95.000 | 12.000 | 0.250                            | 0.000 | 285.000                         | -         |
| Total Quantity  |             |       |        |        | 285 Cft (Cubic Foot)             |       | 8.070288 Cum (Cubic Meter)      |           |
| Amount  |             |       |        |        | 8.070288 X<br>7295.90893412      |       | 58880.09                        |           |
| <b>5. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc</b>   |             |       |        |        |                                  |       |                                 |           |
| 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   | Cut off     | 4.000 | 95.000 | 0.000  | 0.500                            | 0.000 | 190.000                         | -         |
| ii  | Road        | 2.000 | 95.000 | 0.000  | 0.250                            | 0.000 | 47.500                          | -         |
| Total Quantity  |             |       |        |        | 237.5 Sft (Square Foot)          |       | 22.0644625 Sqm (Square Meter)   |           |
| Amount  |             |       |        |        | 22.0644625 X<br>216.23489289764  |       | 4771.11                         |           |
| <b>Total Amount</b>   |             |       |        |        |                                  |       | <b>139802.47</b>                |           |
| <b>Addition</b>   |             |       |        |        |                                  |       |                                 |           |
| Provision for Contingency (+) @   |             |       |        |        |                                  |       | 1438.00                         |           |
| Display Citizen Board (+) @   |             |       |        |        |                                  |       | 2000.00                         |           |
| Any Other Lumpsum (+) @   |             |       |        |        |                                  |       | 547.52                          |           |
| Provision for survey investigation and quality control (+) @  |             |       |        |        |                                  |       |                                 |           |

|                               |                  |
|-------------------------------|------------------|
| <b>Total Addition</b>         | <b>3985.52</b>   |
| <b>Grand Net Total Amount</b> | <b>143787.99</b> |