

## Detailed Estimate

**OD/346/3299/275534/392391/00013907 : Const. of CC road from Sudarshan Behera House To Jayanti Gupta House,  
Vill-Rupsa,GP-Rupsa Swamil Hasanpur  
Block : Baleshwar, Gram Panchayat : Rupsa Samilhasanpur  
Created By:ARUN KUMAR SWAIN**

| <b>1. Earth Work (AR0101a) : Earthwork in ordinary soil within 50m, initial lead and 1.5m, initial lift</b>   |             |       |        |       |                           |       |                               |           |
|---|-------------|-------|--------|-------|---------------------------|-------|-------------------------------|-----------|
| Earth work in ordinary soil 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 direction of the Engineer-in-charge.  |             |       |        |       |                           |       |                               |           |
| SI No   | Description | No    | L      | B     | D                         | CF    | Quantity                      | Deduction |
| i   | side wall   | 2.000 | 69.000 | 1.500 | 0.750                     | 0.000 | 155.250                       | -         |
| Total Quantity  |             |       |        |       | 155.25 Cft (Cubic Foot)   |       | 4.3961832 Cum (Cubic Meter)   |           |
| Amount  |             |       |        |       | 4.3961832 X 149.3184      |       | 656.43                        |           |
| <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   | side walll  | 2.000 | 69.000 | 1.500 | 0.160                     | 0.000 | 33.120                        | -         |
| ii  | bed         | 1.000 | 69.000 | 8.000 | 0.330                     | 0.000 | 182.160                       | -         |
| Total Quantity  |             |       |        |       | 215.28 Cft (Cubic Foot)   |       | 6.096040704 Cum (Cubic Meter) |           |
| Amount  |             |       |        |       | 6.096040704 X 1103.630232 |       | 6727.77                       |           |
| <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. |             |       |        |       |                           |       |                               |           |
| SI No   | Description | No    | L      | B     | D                         | CF    | Quantity                      | Deduction |
| i   | bed         | 2.000 | 69.000 | 1.500 | 0.330                     | 0.000 | 68.310                        | -         |

|                |      |       |        |       |                                |       |                                |   |
|----------------|------|-------|--------|-------|--------------------------------|-------|--------------------------------|---|
| ii             | wall | 1.000 | 69.000 | 1.000 | 3.250                          | 0.000 | 224.250                        | - |
| iii            | wall | 1.000 | 69.000 | 1.000 | 2.750                          | 0.000 | 189.750                        | - |
| iv             | road | 1.000 | 69.000 | 8.000 | 0.330                          | 0.000 | 182.160                        | - |
| Total Quantity |      |       |        |       | 664.47 Cft (Cubic Foot)        |       | 18.815664096 Cum (Cubic Meter) |   |
| Amount         |      |       |        |       | 18.815664096 X<br>6323.2690947 |       | 118976.51                      |   |

#### 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        | 1.000 | 69.000 | 10.000 | 0.330                        | 0.000 | 227.700                      | -         |
| Total Quantity |             |       |        |        | 227.7 Cft (Cubic Foot)       |       | 6.44773536 Cum (Cubic Meter) |           |
| Amount         |             |       |        |        | 6.44773536 X<br>7933.0208509 |       | 51150.02                     |           |

#### 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              | side walll  | 2.000 | 69.000 | 1.000 | 3.000                            | 0.000 | 414.000                        | -         |
| ii             | side wall   | 2.000 | 69.000 | 1.000 | 2.500                            | 0.000 | 345.000                        | -         |
| iii            | road        | 2.000 | 69.000 | 1.000 | 0.330                            | 0.000 | 45.540                         | -         |
| Total Quantity |             |       |        |       | 804.54 Sft (Square Foot)         |       | 74.74417962 Sqm (Square Meter) |           |
| Amount         |             |       |        |       | 74.74417962 X<br>216.23489289764 |       | 16162.30                       |           |

|  |                  |
|--|------------------|
| <b>Total Amount</b>  | <b>193673.03</b> |
| <b>Addition</b>  |                  |
| Provision for Contingency (+) @                              | 1936.73          |
| Display Citizen Board (+) @                                  | 2500.00          |
| Any Other Lumpsum (+) @                                      | 1890.00          |
| Provision for survey investigation and quality control (+) @ |                  |
| <b>Total Addition</b>  | <b>6326.73</b>   |
| <b>Grand Net Total Amount</b>                                | <b>199999.76</b> |

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**Baleshwar Block**

**DEEPTANSHU PARIDA**  
**AEE**  
**Baleshwar Block**

**Uttam Kumar Jena**  
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