

## Detailed Estimate

**OD/360/3440/119190/396290/00112613 : CONSTRUCTION OF CC ROAD FROM SUDARSHAN PRADHAN HOUSE TO UPENDRA PRADHAN HOUSE, VILL- RESO, GP- KHANATA**

**Block : Pattamundai, Gram Panchayat : Khanata**

**Created By: BANDITA BEHURA**

| <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  | CUTOFF      | 2.000 | 234.000 | 0.830 | 0.830 | 0.000                                   | 322.405                          | -         |
| <b>Total Quantity</b>  |             |       |         |       |       | 322.4052 Cft (Cubic Foot)               | 9.12948356736 Cum (Cubic Meter)  |           |
| <b>Amount</b>  |             |       |         |       |       | <b>9.12948356736 X<br/>240.77592</b>    | <b>2198.16</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  | CUTOFF      | 2.000 | 234.000 | 0.830 | 0.500 | 0.000                                   | 194.220                          | -         |
| ii   | ROAD        | 1.000 | 234.000 | 8.330 | 0.330 | 0.000                                   | 643.243                          | -         |
| <b>Total Quantity</b>  |             |       |         |       |       | 837.4626 Cft (Cubic Foot)               | 23.71426095168 Cum (Cubic Meter) |           |
| <b>Amount</b>  |             |       |         |       |       | <b>23.71426095168 X<br/>1181.642632</b> | <b>28021.78</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      | 2.000 | 234.000 | 0.830 | 0.830 | 0.000                                   | 322.405                          | -         |

|                |      |       |         |        |                                   |       |                                  |   |
|----------------|------|-------|---------|--------|-----------------------------------|-------|----------------------------------|---|
| ii             | ROAD | 1.000 | 234.000 | 10.000 | 0.330                             | 0.000 | 772.200                          | - |
| Total Quantity |      |       |         |        | 1094.6052 Cft (Cubic Foot)        |       | 30.99571652736 Cum (Cubic Meter) |   |
| Amount         |      |       |         |        | 30.99571652736 X<br>6578.57846626 |       | 203907.75                        |   |

**4. R.C.C. Work (AR0410a) : Centring & Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas**

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. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height

| SI No          | Description | No    | L       | B     | D                              | CF    | Quantity                       | Deduction |
|----------------|-------------|-------|---------|-------|--------------------------------|-------|--------------------------------|-----------|
| i              | CUTOFF      | 2.000 | 234.000 | 0.660 | 0.000                          | 0.000 | 308.880                        | -         |
| Total Quantity |             |       |         |       | 308.88 Sft (Square Foot)       |       | 28.69587864 Sqm (Square Meter) |           |
| Amount         |             |       |         |       | 28.69587864 X<br>662.689943368 |       | 19016.47                       |           |

**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 specification and direction of Engineer-in charge.

| SI No          | Description | No    | L       | B      | D                            | CF    | Quantity                    | Deduction |
|----------------|-------------|-------|---------|--------|------------------------------|-------|-----------------------------|-----------|
| i              | ROAD        | 1.000 | 234.000 | 10.000 | 0.250                        | 0.000 | 585.000                     | -         |
| Total Quantity |             |       |         |        | 585 Cft (Cubic Foot)         |       | 16.565328 Cum (Cubic Meter) |           |
| Amount         |             |       |         |        | 16.565328 X<br>8049.96175362 |       | 133350.26                   |           |

**Total Amount (A) : 386494.42**

**Additional Components**

| # | Item Name                           | Remark | Amount (in Rs.) |
|---|-------------------------------------|--------|-----------------|
| 1 | Provision for Contingency @ Rs.4000 | -      | 4000            |
| 2 | Display Citizen Board @ Rs.5000     | -      | 5000            |

|   |  |   |      |
|---|--|---|------|
| 3   | Any Other Lumpsum @ Rs.500                                       | - | 500  |
| 4   | Provision for survey investigation and quality control @ Rs.4000 | - | 4000 |
| <b>Additional Components Amount (F) : 13500</b> |  |   |      |

|   |  |  |  |
|---|--|--|--|
| <b>Grand Total Amount (A + F) : 399994.42185213</b> |  |  |  |
|---|--|--|--|

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