

## Detailed Estimate

**OD/369/3541/120971/409591/00075871 : CONSTRUCTION OF CC ROAD FROM BADAS MAA MANGALA PITHA TO  
UDAYA NATH HOUSE**

**Block : Kanas, Gram Panchayat : Badas**

**Created By:UDAYABHANU MOHANTY**

| <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 off     | 1.000 | 27.950 | 0.250 | 0.250                | 1.000 | 1.747                      | -         |
| ii   | cut off     | 2.000 | 9.860  | 0.250 | 0.250                | 1.000 | 1.233                      | -         |
| Total Quantity   |             |       |        |       | 2.979375 cum (cum)   |       | 2.979375 Cum (Cubic Meter) |           |
| Amount   |             |       |        |       | 2.979375 X 240.77592 |       | 717.36                     |           |
| <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 off     | 1.000 | 27.950 | 0.250 | 0.100                | 1.000 | 0.699                      | -         |
| ii   | cut off     | 2.000 | 9.860  | 0.250 | 0.100                | 1.000 | 0.493                      | -         |
| iii  | road        | 1.000 | 27.950 | 9.860 | 0.250                | 1.000 | 68.897                     | -         |
| Total Quantity   |             |       |        |       | 70.0885 cum (cum)    |       | 70.0885 Cum (Cubic Meter)  |           |
| Amount   |             |       |        |       | 70.0885 X 605.053832 |       | 42407.32                   |           |
| <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              | cut off     | 1.000 | 27.950 | 0.250 | 0.150                        | 1.000 | 1.048                       | -         |
| ii             | cut off     | 2.000 | 9.860  | 0.250 | 0.150                        | 1.000 | 0.740                       | -         |
| iii            | road        | 1.000 | 27.950 | 9.860 | 0.100                        | 1.000 | 27.559                      | -         |
| Total Quantity |             |       |        |       | 29.346325 cum (cum)          |       | 29.346325 Cum (Cubic Meter) |           |
| Amount         |             |       |        |       | 29.346325 X<br>5869.14042726 |       | 172237.70                   |           |

**4. 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     | 1.000 | 27.950 | 1.000 | 0.200                      | 1.000 | 5.590                    | -         |
| ii             | cut off     | 2.000 | 9.860  | 1.000 | 0.200                      | 1.000 | 3.944                    | -         |
| Total Quantity |             |       |        |       | 9.534 Sqm (Sqm)            |       | 9.534 Sqm (Square Meter) |           |
| Amount         |             |       |        |       | 9.534 X<br>216.23489289764 |       | 2061.58                  |           |

**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 specifaion and direction of Engineer-in charge.

| SI No          | Description | No    | L      | B     | D                          | CF    | Quantity                  | Deduction |
|----------------|-------------|-------|--------|-------|----------------------------|-------|---------------------------|-----------|
| i              | road        | 1.000 | 27.950 | 9.860 | 0.100                      | 1.000 | 27.559                    | -         |
| Total Quantity |             |       |        |       | 27.5587 cum (cum)          |       | 27.5587 Cum (Cubic Meter) |           |
| Amount         |             |       |        |       | 27.5587 X<br>7345.50271162 |       | 202432.51                 |           |
| Total Amount   |             |       |        |       |                            |       | 419856.47                 |           |

| <b>Addition</b>  |                  |
|--|------------------|
| Provision for Contingency (+) @                              | 3143.00          |
| Display Citizen Board (+) @                                  | 5000.00          |
| Any Other Lumpsum (+) @                                      |                  |
| Provision for survey investigation and quality control (+) @ |                  |
| <b>Total Addition</b>  | <b>8143.00</b>   |
| <b>Grand Net Total Amount</b>                                | <b>427999.47</b> |

**UDAYABHANU MOHANTY**  
**JE**  
**Kanas Block**

**SASWAT KUMAR SENAPATI**  
**AEE**  
**Kanas Block**

**SOUMYA RANJAN SWAIN**  
**BDO**  
**Kanas Block**