

## Detailed Estimate

**OD/366/3517/120488/427837/00107143 : CONSTRUCTION OF BALICHAMUNDA CULTURAL CENTRE AT  
BADAMOSIGAN**

**Block : Nabarangpur, Gram Panchayat : Badamosigam**

**Created By: ARABINDA BEHERA**

| <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  | Colm        | 6.000 | 1.200 | 1.200 | 1.200 | 0.000                     | 10.368                         | -         |
| ii   | LW          | 2.000 | 5.300 | 0.600 | 0.600 | 0.000                     | 3.816                          | -         |
| iii  | SW          | 2.000 | 3.300 | 0.600 | 0.600 | 0.000                     | 2.376                          | -         |
| <b>Total Quantity</b>  |             |       |       |       |       | <b>16.56 cum (cum)</b>    | <b>16.56 Cum (Cubic Meter)</b> |           |
| <b>Amount</b>  |             |       |       |       |       | <b>16.56 X 240.77592</b>  | <b>3987.25</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  | Colm        | 6.000 | 1.200 | 1.200 | 0.100 | 0.000                     | 0.864                          | -         |
| ii   | LS          | 2.000 | 5.300 | 0.600 | 0.100 | 0.000                     | 0.636                          | -         |
| iii  | SW          | 2.000 | 3.300 | 0.600 | 0.100 | 0.000                     | 0.396                          | -         |
| iv   | Hall        | 1.000 | 5.300 | 4.100 | 0.300 | 0.000                     | 6.519                          | -         |
| <b>Total Quantity</b>  |             |       |       |       |       | <b>8.415 cum (cum)</b>    | <b>8.415 Cum (Cubic Meter)</b> |           |
| <b>Amount</b>  |             |       |       |       |       | <b>8.415 X 515.507232</b> | <b>4337.99</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              | Colm        | 6.000 | 1.200 | 1.200 | 0.150                  | 0.000 | 1.296                     | -         |
| ii             | LW          | 2.000 | 5.600 | 0.450 | 0.750                  | 0.000 | 3.780                     | -         |
| iii            | SW          | 2.000 | 4.500 | 0.450 | 0.750                  | 0.000 | 3.038                     | -         |
| iv             | HALL        | 1.000 | 6.000 | 4.500 | 0.150                  | 0.000 | 4.050                     | -         |
| Total Quantity |             |       |       |       | 12.1635 cum (cum)      |       | 12.1635 Cum (Cubic Meter) |           |
| Amount         |             |       |       |       | 12.1635 X 5186.6441928 |       | 63087.75                  |           |

**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              | Plinth and colm base | 1.000 | 1.000 | 1.000 | 7.880                  | 0.000 | 7.880                   | -         |
| Total Quantity |                      |       |       |       | 7.88 Sqm (Sqm)         |       | 7.88 Sqm (Square Meter) |           |
| Amount         |                      |       |       |       | 7.88 X 216.39264180804 |       | 1705.17                 |           |

**5. 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              | Chhaja & Slab | 1.000 | 42.220 | 1.000 | 1.000                   | 0.000 | 42.220                   | -         |
| Total Quantity |               |       |        |       | 42.22 Sqm (Sqm)         |       | 42.22 Sqm (Square Meter) |           |
| Amount         |               |       |        |       | 42.22 X 663.29946175911 |       | 28004.50                 |           |

**6. R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position**

Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.

| SI No          | Description | No    | L      | B     | D                 | CF    | Quantity          | Deduction |
|----------------|-------------|-------|--------|-------|-------------------|-------|-------------------|-----------|
| i              | MS Rod      | 1.000 | 11.000 | 1.000 | 1.000             | 0.000 | 11.000            | -         |
| Total Quantity |             |       |        |       | 11 Qntl (Quintal) |       | 11 Qntl (Quintal) |           |
| Amount         |             |       |        |       | 11 X 8424.4344723 |       | 92668.78          |           |

**7. Flooring (AR0802ii) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips**

2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.

| SI No          | Description | No    | L     | B     | D                     | CF    | Quantity                 | Deduction |
|----------------|-------------|-------|-------|-------|-----------------------|-------|--------------------------|-----------|
| i              | Flooring    | 1.000 | 6.200 | 4.700 | 0.000                 | 0.000 | 29.140                   | -         |
| Total Quantity |             |       |       |       | 29.14 Sqm (Sqm)       |       | 29.14 Sqm (Square Meter) |           |
| Amount         |             |       |       |       | 29.14 X 350.518449296 |       | 10214.11                 |           |

**8. R.C.C. Work (AR0404Aa) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips**

Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)

| SI No          | Description    | No    | L      | B     | D                   | CF    | Quantity                    | Deduction |
|----------------|----------------|-------|--------|-------|---------------------|-------|-----------------------------|-----------|
| i              | Colm           | 6.000 | 1.200  | 1.200 | 0.300               | 0.000 | 2.592                       | -         |
| ii             | Tapper Section | 6.000 | 0.615  | 0.615 | 0.300               | 0.000 | 0.681                       | -         |
| iii            | Colm           | 6.000 | 0.230  | 0.230 | 4.200               | 0.000 | 1.333                       | -         |
| iv             | Plingth bend   | 1.000 | 18.900 | 0.230 | 0.230               | 0.000 | 1.000                       | -         |
| v              | Lintel Bend    | 1.000 | 18.900 | 0.230 | 0.150               | 0.000 | 0.652                       | -         |
| vi             | Wall beam      | 1.000 | 18.900 | 0.230 | 0.150               | 0.000 | 0.652                       | -         |
| vii            | Salab          | 1.000 | 6.800  | 5.200 | 0.120               | 0.000 | 4.243                       | -         |
| Total Quantity |                |       |        |       | 11.152995 cum (cum) |       | 11.152995 Cum (Cubic Meter) |           |

|               |  |                 |
|---------------|--|-----------------|
| <b>Amount</b> | <b>11.152995 X<br/>5762.3442132081</b> | <b>64267.40</b> |
|---------------|--|-----------------|

**9. Painting (AR0901ci) : First Floor**

Priming one coat with outer surface primer of approved quality oil-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.

| SI No          | Description | No    | L     | B     | D                                  | CF    | Quantity                 | Deduction |
|----------------|-------------|-------|-------|-------|------------------------------------|-------|--------------------------|-----------|
| i              | Priming     | 1.000 | 1.000 | 1.000 | 70.280                             | 0.000 | 70.280                   | -         |
| Total Quantity |             |       |       |       | 70.28 Sqm (Sqm)                    |       | 70.28 Sqm (Square Meter) |           |
| <b>Amount</b>  |             |       |       |       | <b>70.28 X<br/>71.908815609445</b> |       | <b>5053.75</b>           |           |

**10. R.C.C. Work (AR0410e) : Third floor**

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. Lintels Data for 7.8 sqm

| SI No          | Description | No    | L      | B     | D                                  | CF    | Quantity                 | Deduction |
|----------------|-------------|-------|--------|-------|------------------------------------|-------|--------------------------|-----------|
| i              | Lintel      | 2.000 | 18.900 | 2.000 | 0.150                              | 0.000 | 11.340                   | -         |
| Total Quantity |             |       |        |       | 11.34 Sqm (Sqm)                    |       | 11.34 Sqm (Square Meter) |           |
| <b>Amount</b>  |             |       |        |       | <b>11.34 X<br/>863.26903350366</b> |       | <b>9789.47</b>           |           |

**11. Painting (AR0918Ai) : Finishing wall one coat with weather coat**

Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes 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              | weather coat | 1.000 | 34.920 | 1.000 | 1.000                      | 0.000 | 34.920                   | -         |
| Total Quantity |              |       |        |       | 34.92 Sqm (Sqm)            |       | 34.92 Sqm (Square Meter) |           |
| <b>Amount</b>  |              |       |        |       | <b>34.92 X 57.09560199</b> |       | <b>1993.78</b>           |           |

**Total Amount (A) : 285109.95**

**Additional Components**

| #   | Item Name                           | Remark   | Amount (in Rs.) |
|---|-------------------------------------|--|-----------------|
| 1   | Provision for Contingency @ Rs.3700 | -  | 3700            |
| 2   | Display Citizen Board @ Rs.5000     | -  | 5000            |
| 3   | Any Other Lumpsum @ Rs.76187        | Tile work,land levelling,temporary wooden stair case etc | 76187           |
| <b>Additional Components Amount (F) : 84887</b> |                                     |  |                 |

|   |
|---|
| <b>Grand Total Amount (A + F) : 369996.95035295</b> |
|---|

**ARABINDA BEHERA**  
JE  
Nabarangpur Block

**ASHISH KUMAR PRADHAN**  
AEE  
Nabarangpur Block

**SUNIL KHORA**  
BDO  
Nabarangpur Block