

**Estimate Abstract**

**OD/361/3452/119449/386026/00067337 : CONST. OF MAJHIDHAN MANDAP AT UPARSAHI DUNGURI BALI  
TALAKUSUMITA  
Block : Kendujhar Sadar, Gram Panchayat : Baradapal  
Created By:Kandarpa Palei**

| Sl No | Quantity  | Unit        | Rate in (Rs.)   | Amount (Rs.)    |
|-------|---|-------------|-----------------|-----------------|
| 1     | <b>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  |             |                 |                 |
|       | 11.1568192  | Cubic Meter | 240.77592       | 2686.2934071537 |
| 2     | <b>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.   |             |                 |                 |
|       | 8.3470408855936   | Cubic Meter | 1053.089832     | 8790.1838839069 |
| 3     | <b>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.  |             |                 |                 |
|       | 3.1812612033152   | Cubic Meter | 6052.32802182   | 19254.036325553 |
| 4     | <b>Masonry Brick Work : AR0603b (Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth) :</b> Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm <sup>2</sup> with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.   |             |                 |                 |
|       | 5.8086025871936   | Cubic Meter | 5231.376342976  | 30386.986160394 |
| 5     | <b>R.C.C. Work : AR0404Aa (Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips) :</b> 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.) |             |                 |                 |
|       | 1.88023552  | Cubic Meter | 6560.9746714479 | 12336.177623077 |
| 6     | <b>R.C.C. Work : AR0404Ab (Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips) :</b> 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 Plinth band)   |             |                 |                 |

|                 |  |                 |                 |
|-----------------|--|-----------------|-----------------|
| 0.9297247581632 | 7317.7967965896  | 6803.5368569967 |                 |
| 7               | <b>R.C.C. Work : AR0404Ac (Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips) :</b> 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 Beams, Column, Girder & Bressmer etc)  |                 |                 |
|                 | 1.7100224989632  | Cubic Meter     | 14616.728058768 |
| 8               | <b>R.C.C. Work : AR0404Ag (Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips) :</b> 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 Roof slab, landing, balcony, sun shade) |                 |                 |
|                 | 2.42958144   | Cubic Meter     | 12862.859075838 |
| 9               | <b>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) :</b> 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.  |                 |                 |
|                 | 6.707  | Quintal         | 9267.2761797    |
| 10              | <b>Painting : AR0901d (Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)) :</b> Priming one coat with inner surface primer of approved quality water-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.  |                 |                 |
|                 | 28.371832976   | Square Meter    | 71.85266428151  |
| 11              | <b>Painting : AR0920 (Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside)) :</b> Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)   |                 |                 |
|                 | 28.371832976   | Square Meter    | 93.9822258375   |
| 12              | <b>Other Building Items. : AR1901B (Vitrified Tile 600mmx600mm Plain Ivory) :</b> Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)  |                 |                 |
|                 | 19.4405473292  | Square Meter    | 1021.3756352722 |
| 13              | <b>Flooring : AR0817aa (Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3)) :</b> Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.         |                 |                 |

|             |  |                |                 |                 |
|-------------|--|----------------|-----------------|-----------------|
| 7.610139245 | Square Meter   | 1540.674694496 | 11724.764363109 |                 |
| 14          | <b>Plastering : AR1027 (6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside)) :</b> 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.  |                |                 |                 |
|             | 38.7068829528  | Square Meter   | 192.7269877576  | 7459.8609569791 |
| 15          | <b>Plastering : AR1017 (20mm thick cement Plaster in CM (1:4) over masonry work in inside.) :</b> 20mm thick cement Plaster in CM (1:4) over stone work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.  |                |                 |                 |
|             | 24.15478   | Square Meter   | 276.7106691152  | 6683.8853361305 |
| 16          | <b>Painting : AR0918cb (Finishing wall two coats with weather coat with one coat waterbound Primer) :</b> Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)  |                |                 |                 |
|             | 17.1498938   | Square Meter   | 160.76701381363 | 2757.1372134469 |
| 17          | <b>Other Building Items. : AR1911 (Stainless steel of 304 grade in hand railing using 50mm dia of 2mm) :</b> Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in staircase as per approved design and specification, buffing, polishing etc with cost,conveyance, taxes of all materials, labour,T&P etc. required for the complete in all respect. and as per direction of Engineer in Charge |                |                 |                 |
|             | 12.70406359347   | Meter          | 3129.0244276074 | 39751.325313845 |

|                      |               |
|----------------------|---------------|
| <b>Total Amount:</b> | 291597.247478 |
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|--|--------|
| Provision for PH Work (+) @                                  |        |
| Provision for EI Work (+) @                                  |        |
| Provision for Contingency (+) @                              | 3000   |
| Display Citizen Board (+) @                                  | 5000   |
| Any Other Lumpsum (+) @                                      | 402.74 |
| Provision for survey investigation and quality control (+) @ |        |

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| <b>Total Amount:</b> | 299999.987478 |
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| <b>Grand Net Total Amount</b> | 299999.987478 |
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**Kandarpa Palei  
JE  
Kendujhar Sadar Block**

**Sabyasachi Pradhan  
AEE  
Kendujhar Sadar Block**

**Binod Chandra Panda  
BDO  
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