

## Detailed Estimate

**OD/361/3452/119471/386009/00068083 : CONST OF BHOGA MANDAPA RAM MANDIR AT TERANTI**

**Block : Kendujhar Sadar, Gram Panchayat : Sankiri**

**Created By:Ratikanta Lenka**

<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	wall	2.000	32.660	1.660	1.330	0.000	144.214	-
ii		1.000	15.000	1.660	1.330	0.000	33.117	-
iii	post	6.000	2.000	2.000	3.500	0.000	84.000	-
iv		1.000	3.830	1.660	1.330	0.000	8.456	-
v	deduct post	6.000	2.000	1.660	1.330	0.000	-	26.494
<b>Total Quantity</b>						243.29277 Cft (Cubic Foot)	6.889272709536 Cum (Cubic Meter)	
<b>Amount</b>						<b>6.889272709536 X 240.77592</b>	<b>1658.77</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	wall	2.000	32.660	1.660	0.330	0.000	35.782	-
ii		1.000	15.000	1.660	0.330	0.000	8.217	-
iii	post	6.000	2.000	2.000	0.330	0.000	7.920	-
iv		1.000	3.830	1.660	0.330	0.000	2.098	-
v	inside	1.000	31.830	14.170	0.660	0.000	297.681	-
vi	deduct post	6.000	2.000	1.660	0.330	0.000	-	6.574

Total Quantity	345.124296 Cft (Cubic Foot)	9.7728156649728 Cum (Cubic Meter)
Amount	9.7728156649728 X 1053.089832	10291.65

### 3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	2.000	32.660	1.660	0.330	0.000	35.782	-
ii		1.000	15.000	1.660	0.330	0.000	8.217	-
iii	post	6.000	2.000	2.000	0.330	0.000	7.920	-
iv		1.000	3.830	1.660	0.330	0.000	2.098	-
v	inside	1.000	31.830	14.170	0.330	0.000	148.840	-
vi	deduct post	6.000	2.000	1.660	0.330	0.000	-	6.574
Total Quantity						196.284033 Cft (Cubic Foot)	5.5581357056544 Cum (Cubic Meter)	
Amount						5.5581357056544 X 6038.57783132	33563.24	

### 4. Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	2.000	32.660	0.830	1.830	0.000	99.215	-
ii		1.000	15.000	0.830	1.830	0.000	22.784	-
iii		1.000	3.830	0.830	1.830	0.000	5.817	-
iv	post	6.000	2.000	0.830	1.830	0.000	-	18.227
Total Quantity						109.588635 Cft (Cubic Foot)	3.103199459568 Cum (Cubic Meter)	

<b>Amount</b>						<b>3.103199459568 X 5227.341352576</b>	<b>16221.48</b>	
<b>5. Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure</b>								
Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	2.000	32.660	0.830	1.830	0.000	99.215	-
Total Quantity						99.214548 Cft (Cubic Foot)	2.8094385128064 Cum (Cubic Meter)	
<b>Amount</b>						<b>2.8094385128064 X 5260.671352576</b>	<b>14779.53</b>	
<b>6. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum</b>								
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	post	6.000	2.000	2.000	2.840	0.000	68.160	-
Total Quantity						68.16 Cft (Cubic Foot)	1.930073088 Cum (Cubic Meter)	
<b>Amount</b>						<b>1.930073088 X 7494.35703884</b>	<b>14464.66</b>	
<b>7. Plastering (AR1014i) : 16mm thick cement Plaster in CM (1:6) over brick work in outside (outside)</b>								
16mm thick cement Plaster in CM (1:6) over brick work in outside 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	32.660	0.000	2.000	0.000	130.640	-
ii		2.000	32.660	0.000	1.580	0.000	103.206	-
iii		1.000	15.000	0.000	1.580	0.000	23.700	-

Total Quantity	257.5456 Sft (Square Foot)	23.9267588768 Sqm (Square Meter)
Amount	23.9267588768 X 251.157613444	6009.39

#### 8. Roofing (AR1132i) : Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties

Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	36.000	8.500	0.000	0.000	612.000	-
ii		1.000	36.000	2.000	0.000	0.000	72.000	-
Total Quantity						684 Sft (Square Foot)	63.545652 Sqm (Square Meter)	
Amount						63.545652 X 537.91264772832	34182.01	

#### 9. Iron Work (AR1703) : Iron work wrought and put up in trusses and record racks

Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	72x72x4mm	6.000	4.200	0.000	0.000	8.220	207.144	-
ii	50x50x3.6mm	3.000	4.800	0.000	0.000	5.000	72.000	-
iii		6.000	2.700	0.000	0.000	5.000	81.000	-
iv	purline	6.000	10.700	0.000	0.000	5.000	321.000	-
v	40x40x2.9mm	6.000	0.150	0.000	0.000	3.210	2.889	-
vi		6.000	0.300	0.000	0.000	3.210	5.778	-
vii		6.000	0.450	0.000	0.000	3.210	8.667	-
viii		3.000	0.600	0.000	0.000	3.210	5.778	-
ix		6.000	0.650	0.000	0.000	3.210	12.519	-
x		12.000	0.850	0.000	0.000	3.210	32.742	-

Total Quantity	749.517 Kg (Kilo Gram)	7.49517 Qntl (Quintal)
Amount	7.49517 X 14025.219248252	105121.40

#### 10. Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory

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)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	32.660	14.160	0.000	0.000	462.466	-
ii		2.000	32.660	1.250	0.000	0.000	81.650	-
Total Quantity					544.1156 Sft (Square Foot)		50.5499715868 Sqm (Square Meter)	
Amount					50.5499715868 X 1019.0323706322		51512.06	

#### 11. Painting (AR0901b) : Priming one coat in inner surface with primer of approved quality over iron work.

Priming one coat in inner surface with primer of approved quality over iron work 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	ms pipe	4.000	84.000	0.200	0.000	0.000	67.200	-
ii		4.000	313.000	0.170	0.000	0.000	212.840	-
iii		4.000	74.000	0.120	0.000	0.000	35.520	-
Total Quantity					315.56 Sft (Square Foot)		29.31647068 Sqm (Square Meter)	
Amount					29.31647068 X 66.12545887751		1938.57	

#### 12. Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer

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)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	32.660	0.000	2.580	0.000	168.526	-

ii		1.000	15.000	0.000	1.580	0.000	23.700	-
Total Quantity					192.2256 Sft (Square Foot)		17.8583349168 Sqm (Square Meter)	
Amount					17.8583349168 X 160.75408487694		2870.80	

<b>Total Amount (A) : 292613.55</b>
-------------------------------------

Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Display Citizen Board @ Rs.4386.44	-	4386.44
2	Provision for Contingency @ Rs.3000	-	3000
<b>Additional Components Amount (F) : 7386.44</b>			

<b>Grand Total Amount (A + F) : 299999.99410482</b>
---

**Ratikanta Lenka**  
JE  
Kendujhar Sadar Block

**Sabyasachi Pradhan**  
AEE  
Kendujhar Sadar Block

**Binod Chandra Panda**  
BDO  
Kendujhar Sadar Block