

## Detailed Estimate

**OD/363/3473/119837/429168/00063585 : Repair and maintenance of AWC at Gunthaguda**

**Block : Kundura, Gram Panchayat : Lima**

**Created By: NAYANA PATNAIK**

<b>1. Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside</b>								
12mm thick cement plaster (1:6) over Brick 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Plinth	1.000	8.120	1.000	0.450	1.000	3.654	-
ii		1.000	6.490	1.000	0.450	1.000	2.921	-
iii		1.000	7.890	1.000	0.450	1.000	3.551	-
iv		1.000	2.560	1.000	0.450	1.000	1.152	-
v		2.000	2.410	1.000	0.450	1.000	2.169	-
vi	kitchen slab wall	2.000	0.500	1.000	0.900	0.000	0.900	-
vii		2.000	0.500	1.000	0.900	0.000	0.900	-
viii		2.000	0.500	1.000	0.900	0.000	0.900	-
Total Quantity					16.146 Sqm (Sqm)		16.146 Sqm (Square Meter)	
Amount					16.146 X 173.1657079196		2795.93	
<b>2. 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)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	kitchen slab	1.000	2.000	0.500	0.075	0.000	0.075	-

Total Quantity		0.075 cum (cum)		0.075 Cum (Cubic Meter)				
Amount		0.075 X 12813.850184773		961.04				
<b>3. Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure</b>								
Brickwork with Flyash Bricks of size (23cm x 11cm 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	kitchen slab wall	3.000	0.500	0.230	0.900	1.000	0.311	-
Total Quantity		0.3105 cum (cum)		0.3105 Cum (Cubic Meter)				
Amount		0.3105 X 5147.866905664		1598.41				
<b>4. Other Building Items. (AR1901Bb) : Vitrified Tile 600mmx600mm industrial floor Tile</b>								
Supplying, fitting & fixing Vitrified industrial floor Tile of premium grade having thickness 8mm to 10mm conforming to IS 4457 of size 300mmx300mm 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 work all materials, taxes, labor, T&P , etc. complete as per direction of Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Kitchen slab	1.000	2.000	0.500	0.000	0.000	1.000	-
ii		2.000	0.500	0.900	0.000	0.000	0.900	-
iii		2.000	0.500	0.900	0.000	0.000	0.900	-
iv		2.000	0.500	0.900	0.000	0.000	0.900	-
Total Quantity		3.7 Sqm (Sqm)		3.7 Sqm (Square Meter)				
Amount		3.7 X 938.8708612818		3473.82				
<b>5. Painting (AR0901ai) : Priming one coat in outer surface with primer of approved quality over woodwork</b>								
Priming one coat in outer surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.								

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Outerside	1.000	8.120	3.000	0.000	0.000	24.360	-
ii		2.000	2.410	3.000	0.000	0.000	14.460	-
iii		1.000	7.890	3.000	0.000	0.000	23.670	-
iv		1.000	6.490	3.000	0.000	0.000	19.470	-
v	Door	3.000	0.950	2.150	0.500	0.000	-	3.064
vi		3.000	0.900	1.200	0.500	0.000	-	1.620
Total Quantity					77.27625 Sqm (Sqm)		77.27625 Sqm (Square Meter)	
Amount					77.27625 X 70.09444766621		5416.64	

#### 6. Dismantling (AR1613) : Removing old lime or cement plaster

Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in-Charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	plinth	1.000	8.120	0.450	0.000	0.000	3.654	-
ii		2.000	2.410	0.450	0.000	0.000	2.169	-
iii		1.000	7.590	0.450	0.000	0.000	3.416	-
iv		1.000	2.790	0.450	0.000	0.000	1.256	-
v		1.000	6.490	0.450	0.000	0.000	2.921	-
Total Quantity					13.4145 Sqm (Sqm)		13.4145 Sqm (Square Meter)	
Amount					13.4145 X 50.174193548387		673.06	

#### 7. Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside)

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)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Class room	2.000	7.200	0.000	3.000	0.000	43.200	-
ii		2.000	3.700	0.000	3.000	0.000	22.200	-
iii	Kitcehn	4.000	1.950	0.000	3.000	0.000	23.400	-
iv	Store	4.000	1.800	0.000	3.000	0.000	21.600	-
v	Varandah	1.000	5.100	0.000	3.000	0.000	15.300	-
vi		2.000	2.100	0.000	3.000	0.000	12.600	-
vii	Door	3.000	0.950	2.150	0.500	0.000	-	3.064
viii	window	3.000	0.900	1.200	0.500	0.000	-	1.620
Total Quantity					133.61625 Sqm (Sqm)		133.61625 Sqm (Square Meter)	
Amount					133.61625 X 94.7676397125		12662.50	
<b>8. Painting (AR0918Ai) : Fifth Floor</b>								
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		1.000	8.120	0.000	3.000	0.000	24.360	-
ii		1.000	6.490	0.000	3.000	0.000	19.470	-
iii		1.000	2.260	0.000	3.000	0.000	6.780	-
iv		1.000	2.790	0.000	3.000	0.000	8.370	-
v		2.000	2.410	0.000	3.000	0.000	14.460	-
vi	door	1.000	0.950	2.150	0.500	0.000	-	1.021
vii	window	3.000	0.900	1.200	0.500	0.000	-	1.620
Total Quantity					70.79875 Sqm (Sqm)		70.79875 Sqm (Square Meter)	

<b>Amount</b>					<b>70.79875 X 68.791506682181</b>	<b>4870.35</b>		
<b>9. Painting (AR0901a) : Priming one coat in inner surface with primer of approved quality over woodwork</b>								
Priming one coat in inner surface with primer of approved quality over woodwork 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	Class room	2.000	7.200	0.000	3.000	0.000	43.200	-
ii		2.000	3.700	0.000	3.000	0.000	22.200	-
iii	Kitchen	4.000	1.950	0.000	3.000	0.000	23.400	-
iv	Store	4.000	1.800	0.000	3.000	0.000	21.600	-
v	Varandah	1.000	5.100	0.000	3.000	0.000	15.300	-
vi		2.000	2.100	0.000	3.000	0.000	12.600	-
vii	Door	3.000	0.950	0.000	2.150	0.500	-	3.064
viii	Window	3.000	0.900	0.000	1.200	0.500	-	1.620
Total Quantity					133.61625 Sqm (Sqm)		133.61625 Sqm (Square Meter)	
<b>Amount</b>					<b>133.61625 X 70.09444766621</b>		<b>9365.76</b>	
<b>Total Amount</b>							<b>41817.51</b>	
<b>Addition</b>								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							418.18	
Display Citizen Board (+) @							1750.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								

<b>Total Addition</b>	<b>2168.18</b>
<b>Grand Net Total Amount</b>	<b>43985.69</b>

**NAYANA PATNAIK**  
**JE**  
**Kundura Block**

**RAMA KANTA NAYAK**  
**AEE**  
**Kundura Block**

**P Manasmita**  
**BDO**  
**Kundura Block**