

## Detailed Estimate

**OD/346/3305/116232/393111/00112257 : Repair and restoration of Begunia I AWC building**  
**Block : Nilgiri, Gram Panchayat : Begunia**  
**Created By: MADHUSMITA MOHANTY**

<b>1. Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring</b>								
Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	FLOOR	1.000	17.410	13.000	0.000	0.000	226.330	-
ii		1.000	17.410	5.000	0.000	0.000	87.050	-
iii		1.000	10.000	7.500	0.000	0.000	75.000	-
iv		1.000	7.570	7.500	0.000	0.000	56.775	-
<b>Total Quantity</b>							445.155 Sft (Square Foot)	41.356234965 Sqm (Square Meter)
<b>Amount</b>							<b>41.356234965 X 100.34838709677</b>	<b>4150.03</b>
<b>2. Dismantling (AR1621) : Removing old grading plaster from roof</b>								
Removing old grading plaster from roof slab, cleaning the surface, lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	OVER ROOF	1.000	28.410	21.500	0.000	0.000	610.815	-
<b>Total Quantity</b>							610.815 Sft (Square Foot)	56.746545945 Sqm (Square Meter)
<b>Amount</b>							<b>56.746545945 X 77.77</b>	<b>4413.18</b>
<b>3. Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips</b>								
2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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 specification and direction of Engineer-in charge. (new work)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROOF SLAB	1.000	28.410	21.500	0.000	0.000	610.815	-

Total Quantity	610.815 Sft (Square Foot)	56.746545945 Sqm (Square Meter)
Amount	56.746545945 X 369.8493775452	20987.67

**4. Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure**

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  $\pm 8$  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	4.000	0.830	6.500	0.000	43.160	-
ii		1.000	5.000	0.830	6.500	0.000	26.975	-
Total Quantity						70.135 Cft (Cubic Foot)	1.985998768 Cum (Cubic Meter)	
Amount						1.985998768 X 5286.074467768	10498.14	

**5. Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)**

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	WALL	2.000	17.410	10.000	0.000	0.000	348.200	-
ii		2.000	13.000	10.000	0.000	0.000	260.000	-
iii		1.000	17.410	13.000	0.000	0.000	226.330	-
iv		2.000	7.570	10.000	0.000	0.000	151.400	-
v		2.000	7.500	10.000	0.000	0.000	150.000	-
vi		2.000	7.500	10.000	0.000	0.000	150.000	-
vii		2.000	10.000	10.000	0.000	0.000	200.000	-
viii		1.000	10.000	7.570	0.000	0.000	75.700	-
ix		1.000	7.570	7.500	0.000	0.000	56.775	-

x		1.000	17.410	5.000	0.000	0.000	87.050	-	
xi	DED	-4.000	3.500	6.500	0.000	0.000	-	-91.000	
xii		-4.000	4.000	4.000	0.000	0.000	-	-64.000	
xiii		2.000	27.410	11.000	0.000	0.000	603.020	-	
xiv		2.000	20.500	11.000	0.000	0.000	451.000	-	
xv		2.000	13.000	1.500	0.000	0.000	39.000	-	
xvi		4.000	4.000	1.500	0.000	0.000	24.000	-	
xvii		2.000	17.410	10.000	0.000	0.000	348.200	-	
xviii		2.000	5.000	10.000	0.000	0.000	100.000	-	
xix		2.000	27.410	0.330	0.000	0.000	18.091	-	
xx		2.000	21.500	0.330	0.000	0.000	14.190	-	
Total Quantity					3457.9556 Sft (Square Foot)		321.2544491068 Sqm (Square Meter)		
Amount					321.2544491068 X 71.83248932951		23076.51		
<b>6. 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)									
Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	WALL	2.000	17.410	10.000	0.000	0.000	348.200	-	
ii		2.000	13.000	10.000	0.000	0.000	260.000	-	
iii		1.000	17.410	13.000	0.000	0.000	226.330	-	
iv		1.000	17.410	5.000	0.000	0.000	87.050	-	
v		2.000	17.410	10.000	0.000	0.000	348.200	-	
vi		2.000	5.000	10.000	0.000	0.000	100.000	-	
vii		4.000	7.500	10.000	0.000	0.000	300.000	-	

viii		2.000	7.570	10.000	0.000	0.000	151.400	-
ix		2.000	10.000	10.000	0.000	0.000	200.000	-
x		1.000	7.570	7.500	0.000	0.000	56.775	-
xi		1.000	10.000	7.500	0.000	0.000	75.000	-
xii		2.000	13.000	1.500	0.000	0.000	39.000	-
xiii		4.000	4.000	1.500	0.000	0.000	24.000	-
xiv	DED	-4.000	3.500	6.500	0.000	0.000	-	-91.000
xv		-4.000	4.000	4.000	0.000	0.000	-	-64.000
xvi		2.000	27.410	0.330	0.000	0.000	18.091	-
xvii		2.000	21.500	0.330	0.000	0.000	14.190	-
Total Quantity					2403.2356 Sft (Square Foot)		223.2677969468 Sqm (Square Meter)	
Amount					223.2677969468 X 94.7526285875		21155.21	

#### 7. Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside.

12mm thick cement plaster (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	WALL	2.000	13.000	6.500	0.000	0.000	169.000	-
Total Quantity					169 Sft (Square Foot)		15.700607 Sqm (Square Meter)	
Amount					15.700607 X 176.2759802552		2767.64	

#### 8. Iron Work (AR1704) : Iron Doors and windows fixing

Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours 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	DOOR	1.000	4.000	6.500	2.500	0.000	65.000	-

Total Quantity	65 Kg (Kilo Gram)	0.65 Qntl (Quintal)
Amount	<b>0.65 X 15983.300923087</b>	<b>10389.15</b>

**9. Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface**

Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty 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	DOOR	4.000	3.500	6.500	2.000	0.000	182.000	-
ii	WINDOWS	4.000	4.000	4.000	2.250	0.000	144.000	-
Total Quantity					326 Sft (Square Foot)		30.286378 Sqm (Square Meter)	
Amount					<b>30.286378 X 230.34345832053</b>		<b>6976.27</b>	

**10. Other Building Items. (AR1901Ba) : Vitrified Tile 600mmx600mm Coloured /Printed**

Supplying, fitting & fixing Vitrified Tile 600mmx600mm Coloured /Printed series(Homogeneous) 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 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	FLOOR	1.000	18.410	14.000	0.000	0.000	257.740	-
ii		1.000	18.410	6.000	0.000	0.000	110.460	-
iii		1.000	11.000	8.500	0.000	0.000	93.500	-
iv		1.000	8.570	8.500	0.000	0.000	72.845	-
v		1.000	6.000	1.500	0.000	0.000	9.000	-
Total Quantity					543.545 Sft (Square Foot)		50.496961135 Sqm (Square Meter)	
Amount					<b>50.496961135 X 1063.1002216286</b>		<b>53683.33</b>	

**Total Amount (A) : 158097.12**

<b>Additional Components</b>			
<b>#</b>	<b>Item Name</b>	<b>Remark</b>	<b>Amount (in Rs.)</b>
1	Provision for PH Work @ Rs.24500	-	24500
2	Provision for Contingency @ Rs.2000	-	2000
3	Display Citizen Board @ Rs.700	-	700
4	Any Other Lumpsum @ Rs.14702.85	OTHER REPAIR ITEM	14702.85
<b>Additional Components Amount (F) : 41902.85</b>			
<b>Grand Total Amount (A + F) : 199999.97496883</b>			

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