

## Detailed Estimate

**OD/345/3285/115785/420189/00015311 : Repair & maintenance of govt. UP school Daupali**  
**Block : Balangir, Panchayat : Chudapali**  
**Created By: Bipin kumar Rout**

<b>1. 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 $\pm 8$ 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	pillar	12.000	1.160	0.420	1.500	0.000	8.770	-
ii		12.000	0.420	0.420	1.500	0.000	3.175	-
iii		2.000	1.160	1.160	3.000	0.000	8.074	-
Total Quantity					20.0184 Cft (Cubic Foot)		0.56685702912 Cum (Cubic Meter)	
Amount					<b>0.56685702912 X 4995.229584256</b>		<b>2831.58</b>	
<b>2. 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 specifaion and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	shed post pillar	6.000	0.750	0.750	1.500	0.000	5.063	-
Total Quantity					5.0625 Cft (Cubic Foot)		0.1433538 Cum (Cubic Meter)	
Amount					<b>0.1433538 X 7284.45896004</b>		<b>1044.25</b>	
<b>3. Plastering (AR1004k) : 12mm thick cement plster (1:6) over Brick work in inside including racking out joints finishing smooth(For repair and maintenance).</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(For repair and maintenance).								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	pillar	6.000	4.640	1.000	1.500	0.000	41.760	-

ii		2.000	4.640	1.000	3.000	0.000	27.840	-
Total Quantity					69.6 Sft (Square Foot)		6.4660488 Sqm (Square Meter)	
Amount					<b>6.4660488 X 174.1577520184</b>		<b>1126.11</b>	

**4. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	room	2.000	24.000	1.000	10.500	0.000	504.000	-
ii		2.000	16.000	1.000	10.500	0.000	336.000	-
iii	ceiling	1.000	24.000	1.000	16.000	0.000	384.000	-
iv	verndha	1.000	24.000	1.000	10.500	0.000	252.000	-
v		1.000	24.000	1.000	8.000	0.000	192.000	-
vi	side	4.000	8.000	1.000	10.500	0.000	336.000	-
vii		1.000	17.500	1.000	10.500	0.000	183.750	-
viii	top outer	1.000	25.500	1.000	3.000	0.000	76.500	-
ix	door	2.000	3.500	1.000	6.500	0.000	-	45.500
Total Quantity					2218.75 Sft (Square Foot)		206.12853125 Sqm (Square Meter)	
Amount					<b>206.12853125 X 70.746467824133</b>		<b>14582.87</b>	

**5. 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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	shed	2.000	32.000	16.000	1.000	0.000	1024.000	-
ii	ridge	1.000	32.000	2.500	1.000	0.000	80.000	-

iii	overlap	2.000	2.330	16.000	1.000	0.000	74.560	-
Total Quantity					1178.56 Sft (Square Foot)		109.49175968 Sqm (Square Meter)	
Amount					<b>109.49175968 X 534.26960958351</b>		<b>58498.12</b>	

**6. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	1	1.000	524.000	0.520	1.000	0.000	272.480	-
Total Quantity					272.48 Sft (Square Foot)		25.31420944 Sqm (Square Meter)	
Amount					<b>25.31420944 X 66.430624603133</b>		<b>1681.64</b>	

**7. Painting (AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface)**

Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	squre pipe	1.000	524.000	0.520	1.000	0.000	272.480	-
ii	door	2.000	3.500	2.250	6.500	0.000	102.375	-
iii	window	3.000	3.500	2.250	4.000	0.000	94.500	-
Total Quantity					469.355 Sft (Square Foot)		43.604487565 Sqm (Square Meter)	
Amount					<b>43.604487565 X 166.34192761438</b>		<b>7253.25</b>	

**8. 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)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROOM	2.000	24.000	1.000	10.500	0.000	504.000	-
ii		2.000	16.000	1.000	10.500	0.000	336.000	-

iii	CEiling	1.000	24.000	16.000	1.000	0.000	384.000	-
iv	verndha	1.000	1.000	24.000	3.000	0.000	72.000	-
v		1.000	24.000	8.000	1.000	0.000	192.000	-
vi	door	2.000	3.500	6.500	1.000	0.000	-	45.500
vii	window	3.000	3.500	4.000	1.000	0.000	-	42.000
Total Quantity					1400.5 Sft (Square Foot)		130.1106515 Sqm (Square Meter)	
Amount					130.1106515 X 99.2270800875		12910.50	
<b>9. Painting (AR0918fk) : Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)(For repair and maintenance) .</b>								
Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work to give an even shade including all costs of labour, Paint and Brushes required for the work, etc. complete and as per direction of Engineer-in-charge(Outside)(For repair and maintenance).								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROOM	2.000	9.500	1.000	10.500	0.000	199.500	-
ii		2.000	17.500	1.000	10.500	0.000	367.500	-
iii	top	1.000	25.500	1.000	3.000	0.000	76.500	-
iv	outer verr	1.000	24.000	1.000	10.500	0.000	252.000	-
v	door	2.000	3.500	6.500	0.500	0.000	-	22.750
Total Quantity					872.75 Sft (Square Foot)		81.08109325 Sqm (Square Meter)	
Amount					81.08109325 X 87.9148982875		7128.24	
<b>Total Amount</b>							<b>107056.56</b>	
<b>Addition</b>								
Provision for PH Work (+) @							7000.00	
Provision for EI Work (+) @							14000.00	
Provision for Contingency (+) @							2000.00	

Display Citizen Board (+) @	3000.00
Any Other Lumpsum (+) @	66943.00
<b>Total Addition</b>	<b>92943.00</b>
<b>Grand Net Total Amount</b>	<b>199999.56</b>