

## Detailed Estimate

**OD/370/3547/121124/425349/00069218 : REPAIR AND MAINTANANCE OF UP SCHOOL DARUKONA**

**Block : Bissamcuttack, Gram Panchayat : Sahada**

**Created By: SAGAR GOUDA**

<b>1. Dismantling (AR1620) : Dismantling and removing 2.5 cm thick grading concrete from roof</b>								
Dismantling and removing 2.5 cm thick grading concrete 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	School room slab	1.000	7.500	6.750	0.000	0.000	50.625	-
ii		1.000	1.500	2.800	0.000	0.000	4.200	-
Total Quantity					54.825 Sqm (Sqm)		54.825 Sqm (Square Meter)	
Amount					54.825 X 112.89193548387		6189.30	
<b>2. Concrete (AR0318) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken)</b>								
4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specifaion and direction of Engineer-in charge. (Old Work)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	School room slab	1.000	7.500	6.750	0.000	0.000	50.625	-
ii		1.000	1.500	2.800	0.000	0.000	4.200	-
Total Quantity					54.825 Sqm (Sqm)		54.825 Sqm (Square Meter)	
Amount					54.825 X 733.0242596976		40188.06	
<b>3. Dismantling (AR1613) : Removing old lime or cement plaster</b>								
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.								

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	OutSide plaster	2.000	6.750	0.000	3.000	0.000	40.500	-
ii		1.000	4.800	0.000	3.000	0.000	14.400	-
iii		1.000	3.100	0.000	3.000	0.000	9.300	-
iv	Inside Roonm	2.000	6.300	0.000	3.000	0.000	37.800	-
v		2.000	4.500	0.000	3.000	0.000	27.000	-
vi	Dorr	1.000	0.900	0.000	1.800	0.000	-	1.620
Total Quantity					127.38 Sqm (Sqm)		127.38 Sqm (Square Meter)	
Amount					127.38 X 50.174193548387		6391.19	

#### 4. Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside.

16mm thick cement Plaster in CM (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	OutSide plaster	2.000	6.750	0.000	3.000	0.000	40.500	-
ii		1.000	4.800	0.000	3.000	0.000	14.400	-
iii		1.000	3.100	0.000	3.000	0.000	9.300	-
iv	Inside plaster	2.000	6.300	0.000	3.000	0.000	37.800	-
v	Office Room	2.000	3.100	0.000	3.000	0.000	18.600	-
vi		2.000	2.250	0.000	3.000	0.000	13.500	-
vii	Door	2.000	0.900	0.000	1.800	0.000	-	3.240
viii	Window	1.000	0.900	0.000	1.200	0.000	-	1.080
Total Quantity					129.78 Sqm (Sqm)		129.78 Sqm (Square Meter)	

Amount					129.78 X 242.936882064	31528.35		
<b>5. 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	OutSide plaster	2.000	6.750	0.000	3.000	0.000	40.500	-
ii		1.000	4.800	0.000	3.000	0.000	14.400	-
iii		1.000	3.100	0.000	3.000	0.000	9.300	-
iv	Class Room	2.000	6.300	0.000	2.850	0.000	35.910	-
v		2.000	4.500	0.000	2.850	0.000	25.650	-
vi	Office Room	2.000	3.100	0.000	2.850	0.000	17.670	-
vii		2.000	2.250	0.000	2.850	0.000	12.825	-
viii	verhandah	1.000	3.200	0.000	2.850	0.000	9.120	-
ix		1.000	2.550	0.000	2.850	0.000	7.268	-
x	Door	4.000	1.200	0.000	2.100	0.000	-	10.080
xi	Window	4.000	0.900	0.000	1.200	0.000	-	4.320
xii	Front Side	1.000	12.200	0.000	2.500	0.000	30.500	-
xiii	Door	2.000	0.900	0.000	2.100	0.000	-	3.780
xiv	window	2.000	0.900	0.000	1.200	0.000	-	2.160
Total Quantity					182.8025 Sqm (Sqm)		182.8025 Sqm (Square Meter)	
Amount					182.8025 X 70.08994432871		12812.62	
<b>6. Painting (AR0919) : Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside)</b>								

Finishing wall One Coat with plastic emulsion paint of approved shades on old 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	OutSide plaster	2.000	6.750	0.000	3.000	0.000	40.500	-
ii		1.000	4.800	0.000	3.000	0.000	14.400	-
iii		1.000	3.100	0.000	3.000	0.000	9.300	-
iv	Class Room	2.000	6.300	0.000	2.850	0.000	35.910	-
v		2.000	4.500	0.000	2.850	0.000	25.650	-
vi	Office Room	2.000	3.100	0.000	2.850	0.000	17.670	-
vii		2.000	2.250	0.000	2.850	0.000	12.825	-
viii	verhandah	1.000	3.200	0.000	2.850	0.000	9.120	-
ix		1.000	2.550	0.000	2.850	0.000	7.268	-
x	Door	4.000	1.200	0.000	2.100	0.000	-	10.080
xi	Window	4.000	0.900	0.000	1.200	0.000	-	4.320
xii	Class Room Front	1.000	12.200	0.000	2.500	0.000	30.500	-
xiii	Door	2.000	0.900	0.000	2.100	0.000	-	3.780
xiv	Window	2.000	0.900	0.000	1.200	0.000	-	2.160
Total Quantity					182.8025 Sqm (Sqm)		182.8025 Sqm (Square Meter)	
Amount					182.8025 X 61.22776449		11192.59	

**7. 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	Class Room	1.000	6.300	4.500	0.150	0.000	4.253	-
ii	Office Room	1.000	3.200	2.250	0.150	0.000	1.080	-
iii	verhandah	1.000	3.200	2.550	0.150	0.000	1.224	-
Total Quantity					6.5565 cum (cum)		6.5565 Cum (Cubic Meter)	
Amount					6.5565 X 5227.50850192		34274.16	

#### 8. 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)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Class Room	1.000	6.300	4.500	0.000	0.000	28.350	-
ii		2.000	6.300	0.100	0.000	0.000	1.260	-
iii		2.000	4.500	0.100	0.000	0.000	0.900	-
iv	Office Room	1.000	3.100	2.250	0.000	0.000	6.975	-
v		2.000	3.100	0.100	0.000	0.000	0.620	-
vi		2.000	2.250	0.100	0.000	0.000	0.450	-
vii	Verhandah	1.000	3.200	2.550	0.000	0.000	8.160	-
viii		1.000	3.200	0.100	0.000	0.000	0.320	-
ix		1.000	2.550	0.100	0.000	0.000	0.255	-
Total Quantity					47.29 Sqm (Sqm)		47.29 Sqm (Square Meter)	
Amount					47.29 X 1006.4351634082		47594.32	

#### 9. 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)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Door	2.000	2.250	0.900	1.800	0.000	7.290	-
ii	Window	2.000	2.750	0.900	0.900	0.000	4.455	-
Total Quantity					11.745 Sqm (Sqm)		11.745 Sqm (Square Meter)	
Amount					11.745 X 164.23523221452		1928.94	
<b>Total Amount</b>							<b>192099.52</b>	
<b>Addition</b>								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							1921.00	
Display Citizen Board (+) @							2000.00	
Any Other Lumpsum (+) @							3978.00	
Provision for survey investigation and quality control (+) @								
<b>Total Addition</b>							<b>7899.00</b>	
<b>Grand Net Total Amount</b>							<b>199998.51</b>	

**SAGAR GOUDA**  
JE  
Bissamcuttack Block

**SRI RAMESH CHANDRA SAHU**  
AEE  
Bissamcuttack Block

**SRI SIBA PRASAD PATNAIK**  
BDO  
Bissamcuttack Block