

## Detailed Estimate

**OD/359/3430/118981/415500/00013530 : Repair and Maintenance of Ganjuguda Primary School Building**  
**Block : Phulbani, Gram Panchayat : Ganjuguda**  
**Created By: SANTOSHI SAHOO**

<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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	room	2.000	22.000	16.000	0.000	0.000	704.000	-
ii		1.000	10.000	8.000	0.000	0.000	80.000	-
iii		1.000	34.000	9.000	0.000	0.000	306.000	-
Total Quantity					1090 Sft (Square Foot)		101.26427 Sqm (Square Meter)	
Amount					101.26427 X 98.176344086021		9941.76	
<b>2. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	4.000	25.000	0.000	5.000	0.000	500.000	-
ii		4.000	16.000	0.000	4.000	0.000	256.000	-
Total Quantity					756 Sft (Square Foot)		70.234668 Sqm (Square Meter)	
Amount					70.234668 X 49.088172043011		3447.69	
<b>3. Other Building Items. (AR1901A) : Supplying, fitting and fixing vitrified tile in floors of size 600mm x 600mm of approved make conforming to IS :13755 with application of polymer modified quick set cement based water resistant adhesive conforming to IS :15477 of 3mm thick bed and fillin</b>								
Supplying, fitting and fixing Vitrified Tile 600mmx600mm Plain (Ivory) of approved make conforming to IS :13755 with application of polymer modified quick set cement based water resistant adhesive conforming to IS :15477 of 3mm thick bed and filling joints with white cement of approved quality including cost of all materials, labour ,T&P,etc. required for the work all complete as per direction of Engineer-in-Charge(for repair work only)								

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	room	2.000	22.000	16.000	0.000	0.000	704.000	-
ii		1.000	10.000	8.000	0.000	0.000	80.000	-
iii		1.000	34.000	9.000	0.000	0.000	306.000	-
iv		9.000	3.330	1.500	0.000	0.000	44.955	-
v		1.000	12.000	6.000	0.000	0.000	72.000	-
Total Quantity					1206.955 Sft (Square Foot)		112.129740365 Sqm (Square Meter)	
Amount					112.129740365 X 2101.999074323		235696.61	

**4. Flooring (AR0817aa) : Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3)**

Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	room	2.000	22.000	0.500	0.000	0.000	22.000	-
ii		2.000	10.000	0.500	0.000	0.000	10.000	-
iii		2.000	34.000	0.500	0.000	0.000	34.000	-
iv		9.000	3.330	1.500	0.000	0.000	44.955	-
v		2.000	16.000	0.500	0.000	0.000	16.000	-
vi		2.000	8.000	0.500	0.000	0.000	8.000	-
vii		2.000	9.000	0.500	0.000	0.000	9.000	-
Total Quantity					143.955 Sft (Square Foot)		13.373851365 Sqm (Square Meter)	
Amount					13.373851365 X 1518.676275366		20310.55	

**5. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	1.000	0.000	0.000	0.000	1.000	-
Total Quantity					1 cum (cum)		1 Cum (Cubic Meter)	
<b>Amount</b>					<b>1 X 5053.72982092</b>		<b>5053.73</b>	
<b>6. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	10.000	0.000	0.000	0.000	10.000	-
Total Quantity					10 Sqm (Sqm)		10 Sqm (Square Meter)	
<b>Amount</b>					<b>10 X 167.203645438</b>		<b>1672.04</b>	
<b>7. Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside.</b>								
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	50.000	0.000	0.000	0.000	50.000	-
Total Quantity					50 Sqm (Sqm)		50 Sqm (Square Meter)	
<b>Amount</b>					<b>50 X 240.03916843</b>		<b>12001.96</b>	
<b>8. Painting (AR0920ak) : First Floor</b>								
Finishing wall two coats with plastic emulsion paint of approved shades with one coat oilbound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge(Inside)(For repair and maintenance).								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	365.000	0.000	0.000	0.000	365.000	-
Total Quantity					365 Sqm (Sqm)		365 Sqm (Square Meter)	
<b>Amount</b>					<b>365 X 167.5234646953</b>		<b>61146.06</b>	
<b>9. Other Building Items. (AR1902) : cement based wall putty (water based)</b>								

Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc.complete. and as per the direction of Engineer in Charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	365.000	0.000	0.000	0.000	365.000	-
Total Quantity					365 Sqm (Sqm)		365 Sqm (Square Meter)	
<b>Amount</b>					<b>365 X 78.13764</b>		<b>28520.24</b>	
<b>Total Amount</b>							<b>377790.64</b>	
<b>Addition</b>								
Provision for PH Work (+) @								
Provision for EI Work (+) @							10000.00	
Provision for Contingency (+) @							209.00	
Display Citizen Board (+) @							2000.00	
Any Other Lumpsum (+) @							10000.00	
<b>Total Addition</b>							<b>22209.00</b>	
<b>Grand Net Total Amount</b>							<b>399999.64</b>	