

## Detailed Estimate

OD/361/3449/119387/387061/00066679 : repair and maint. of barahi PM School at bancho

Block : Hatadihi, Gram Panchayat : Bancho

Created By:PRAFULLA CHANDRA BEHERA

<b>1. 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 specifaicon and direction of Engineer-in charge. (Old Work)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	4cm grading concrete	1.000	35.000	24.000	0.000	0.000	840.000	-
Total Quantity					840 Sft (Square Foot)		78.03852 Sqm (Square Meter)	
Amount					78.03852 X 755.2312564122		58937.13	
<b>2. Dismantling (AR1620) : Second floor</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	Dismantling of grading concrete	1.000	35.000	24.000	0.000	0.000	840.000	-
Total Quantity					840 Sft (Square Foot)		78.03852 Sqm (Square Meter)	
Amount					78.03852 X 124.46335887097		9712.94	
<b>3. miscellaneous (ARM122) : Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height (Painting) and as directed by Engineer-in-Charge.</b>								
Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height (Painting) and as directed by Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	scrapping the old paint	2.000	50.000	0.000	10.500	0.000	1050.000	-
ii	ver	1.000	50.000	0.000	3.000	0.000	150.000	-
iii	ver chaja	2.000	56.000	0.000	1.500	0.000	168.000	-
iv	column	4.000	4.000	0.000	7.000	0.000	112.000	-
v	Cornice	2.000	60.000	0.000	0.830	0.000	99.600	-
vi	deduction door	2.000	3.500	0.000	7.000	0.000	-	49.000
vii	window	3.000	3.500	0.000	4.000	0.000	-	42.000
viii	inside	2.000	48.000	0.000	10.000	0.000	960.000	-
ix	Beam	4.000	16.000	0.000	1.000	0.000	64.000	-
x	ver	1.000	50.000	0.000	3.000	0.000	150.000	-
xi	ceiling	1.000	32.000	16.000	0.000	0.000	512.000	-
xii	ver celing	1.000	33.660	0.000	7.160	0.000	241.006	-
Total Quantity					3415.6056 Sft (Square Foot)		317.3200070568 Sqm (Square Meter)	
Amount					317.3200070568 X 5.12		1624.68	
<b>4. Painting (AR0905) : Painting two coats of enamel on old wood work in inner surface paint</b>								
Painting two coats of enamel paint on old wood work in inner surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	enamel painting	2.000	3.500	2.250	7.000	0.000	110.250	-
ii	windows	3.000	3.500	2.750	4.000	0.000	115.500	-
Total Quantity					225.75 Sft (Square Foot)		20.97285225 Sqm (Square Meter)	
Amount					20.97285225 X 164.23523221452		3444.48	

**5. Painting (AR0921bk) : Finishing wall One Coat with distemper of approved shades with one coat water bound Primer on old work (Inside)(For repair and maintenance).**

Finishing wall One Coat with distemper of approved shades with one coat water bound Primer on old 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).

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Distemping inside	2.000	48.000	0.000	10.000	0.000	960.000	-
ii	beam	4.000	16.000	0.000	1.000	0.000	64.000	-
iii	ver	1.000	48.000	0.000	3.000	0.000	144.000	-
iv	ceiling	1.000	32.000	16.000	0.000	0.000	512.000	-
v	ver	1.000	32.000	7.160	0.000	0.000	229.120	-
Total Quantity					1909.12 Sft (Square Foot)		177.36297536 Sqm (Square Meter)	
Amount					177.36297536 X 124.65242663548		22108.73	

**6. Painting (AR0918hk) : Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work(Outside)(For repair and maintenance).**

Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge(Outside)(For repair and maintenance).

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Weather coat two coats	2.000	50.000	0.000	10.500	0.000	1050.000	-
ii	ver	1.000	50.000	0.000	3.000	0.000	150.000	-
iii	colmun	4.000	4.000	0.000	7.000	0.000	112.000	-
iv	ver chja	2.000	56.000	0.000	1.500	0.000	168.000	-
v	cornice	2.000	60.000	0.000	0.830	0.000	99.600	-
vi	Deduction door	2.000	3.500	0.000	7.000	0.000	-	49.000

vii	window	3.000	3.500	0.000	4.000	0.000	-	42.000
Total Quantity					1488.6 Sft (Square Foot)		138.2954058 Sqm (Square Meter)	
Amount					138.2954058 X 163.15945730032		22564.20	
<b>7. 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 specificaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	C.C. (1:2:4)	1.000	32.000	16.000	0.080	0.000	40.960	-
Total Quantity					40.96 Cft (Cubic Foot)		1.159856128 Cum (Cubic Meter)	
Amount					1.159856128 X 7349.66267538		8524.55	
<b>8. Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory</b>								
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)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	providing vitrified tile to floor	1.000	32.000	16.000	0.000	0.000	512.000	-
Total Quantity					512 Sft (Square Foot)		47.566336 Sqm (Square Meter)	
Amount					47.566336 X 1013.8022235174		48222.86	
<b>9. 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	Dimatling of damaged floor	1.000	32.000	16.000	0.000	0.000	512.000	-
Total Quantity					512 Sft (Square Foot)		47.566336 Sqm (Square Meter)	
Amount					47.566336 X 100.34838709677		4773.21	
Total Amount							179912.77	
<b>Addition</b>								
Provision for PH Work (+) @							16288.10	
Provision for EI Work (+) @							15000.00	
Provision for Contingency (+) @							1799.13	
Display Citizen Board (+) @							2000.00	
Any Other Lumpsum (+) @							15000.00	
Provision for survey investigation and quality control (+) @							0.00	
Total Addition							50087.23	
Grand Net Total Amount							230000.00	

**PRAFULLA CHANDRA BEHERA**  
JE  
Hatadihi Block

**MADAN MOHAN BEHERA**  
AEE  
Hatadihi Block

**RANJAN KUMAR PARIDA**  
BDO  
Hatadihi Block