

Detailed Estimate

OD/360/3441/119206/395618/00063202 : REPAIR AND RESTORATION OF OF BARADIA PRIMARY SCHOOL

Block : Rajkanika, Gram Panchayat : Baradia

Created By: Sujay Kumar Mandal

1. miscellaneous (ARM123) : Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height scaffolding charges above 5M high and upto 8M height. (Painting) and as directed by Engineer-in-Charge.

Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height scaffolding charges above 5M high and upto 8M height. (Painting) and as directed by Engineer-in-Charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Room 1&2 outer wall	2.000	14.200	0.000	3.300	0.000	93.720	-
ii	Room 1&2 outer wall	2.000	0.000	5.400	3.300	0.000	35.640	-
iii	Room 1&2 inner wall	2.000	13.400	0.000	3.200	0.000	85.760	-
iv	Room 1&2 inner wall	2.000	0.000	4.900	3.200	0.000	31.360	-
v	Ceilling	2.000	6.700	4.900	0.000	0.000	65.660	-
vi	Verandah	2.000	14.200	0.000	1.000	0.000	28.400	-
vii	verandah	4.000	0.000	2.700	1.000	0.000	10.800	-
viii	1st floor outer wall	2.000	7.200	0.000	3.300	0.000	47.520	-
ix	1st floor outer wall	2.000	0.000	5.400	3.300	0.000	35.640	-
x	1st floor inner wall	2.000	6.700	0.000	3.200	0.000	42.880	-
xi	1st floor inner wall	2.000	0.000	4.900	3.200	0.000	31.360	-
xii	1st floor ceilling	1.000	6.700	4.900	0.000	0.000	32.830	-

xiii	Stair room outer wall	1.000	7.000	0.000	3.300	0.000	23.100	-
xiv	Stair room outer wall	1.000	0.000	2.700	3.300	0.000	8.910	-
xv	Toilet outer wall	2.000	4.500	0.000	2.300	0.000	20.700	-
xvi	Toilet outer wall	2.000	0.000	2.300	2.300	0.000	10.580	-
xvii	Toilet inner wall	8.000	2.100	0.000	2.200	0.000	36.960	-
xviii	Boundary wall	2.000	18.200	0.000	1.700	0.000	61.880	-
xix	Door inner &outer wall	12.000	0.750	0.000	2.100	0.000	-	18.900
xx	Window inner&outer wall	12.000	2.100	0.000	1.200	0.000	-	30.240
Total Quantity					654.56 Sqm (Sqm)		654.56 Sqm (Square Meter)	
Amount					654.56 X 7.01		4588.47	

2. Painting (AR0917gk) : Finishing wall with one coat weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work(Outside)(For repair and maintenance).

Finishing wall with one coat weather coat paint of approved shade including one coat of oil 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	Room 1&2 outer wall	2.000	14.200	0.000	3.300	0.000	93.720	-
ii	Room 1&2 outer wall	2.000	0.000	5.400	3.300	0.000	35.640	-
iii	Verandah	1.000	14.200	0.000	1.000	0.000	14.200	-
iv	Verandah	2.000	0.000	2.700	1.000	0.000	5.400	-
v	Toilet outer wall	2.000	4.500	0.000	2.300	0.000	20.700	-

vi	Toilet outer wall	2.000	0.000	2.300	2.300	0.000	10.580	-	
vii	Boundary wall	2.000	18.200	0.000	1.700	0.000	61.880	-	
viii	Door outer wall	6.000	0.750	0.000	2.100	0.000	-	9.450	
ix	Window outer wall	6.000	2.100	0.000	1.200	0.000	-	15.120	
Total Quantity					217.55 Sqm (Sqm)		217.55 Sqm (Square Meter)		
Amount					217.55 X 127.85969070528		27815.88		

3. Painting (AR0917gk) : First Floor

Finishing wall with one coat weather coat paint of approved shade including one coat of oil 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	1st floor outer wall	2.000	7.200	0.000	3.300	0.000	47.520	-	
ii	1st floor outer wall	2.000	0.000	5.400	3.300	0.000	35.640	-	
iii	Stair room outer wall	1.000	7.000	0.000	3.300	0.000	23.100	-	
iv	Stair room outer wall	1.000	0.000	2.700	3.300	0.000	8.910	-	
Total Quantity					115.17 Sqm (Sqm)		115.17 Sqm (Square Meter)		
Amount					115.17 X 102.08738557706		11757.40		

4. Painting (AR0919ak) : Finishing wall One Coat with plastic emulsion paint of approved shades with one coat oilbound Primer on old work (Inside)(For repair and maintenance).

Finishing wall One Coat with plastic emulsion paint of approved shades with one coat oilbound 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
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i	Room 1&2 inner wall	2.000	13.400	0.000	3.200	0.000	85.760	-	
ii	Room 1&2 inner wall	4.000	0.000	4.900	3.200	0.000	62.720	-	
iii	Verandah	1.000	13.400	0.000	3.200	0.000	42.880	-	
iv	Verandah	2.000	0.000	2.500	3.200	0.000	16.000	-	
v	Door inner wall	5.000	0.750	0.000	2.100	0.000	-	7.875	
vi	Window inner wall	4.000	2.100	0.000	1.200	0.000	-	10.080	
vii	Toilet inner wall	8.000	2.100	0.000	2.200	0.000	36.960	-	
viii	Ceilling	2.000	6.700	4.900	0.000	0.000	65.660	-	
Total Quantity					292.025 Sqm (Sqm)		292.025 Sqm (Square Meter)		
Amount					292.025 X 132.25243320528		38621.02		

5. Painting (AR0919ak) : First Floor

Finishing wall One Coat with plastic emulsion paint of approved shades with one coat oilbound 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	1st floor inner wall	2.000	6.700	0.000	3.200	0.000	42.880	-
ii	1st floor inner wall	2.000	0.000	4.900	3.200	0.000	31.360	-
iii	Stair room inner wall	1.000	6.700	0.000	3.200	0.000	21.440	-
iv	Stair room inner wall	1.000	0.000	2.400	3.200	0.000	7.680	-
v	Door	1.000	0.750	0.000	2.100	0.000	-	1.575

vi	Window	2.000	2.100	0.000	1.200	0.000	-	5.040
vii	Ceiling	1.000	6.700	4.900	0.000	0.000	32.830	-
Total Quantity					129.575 Sqm (Sqm)		129.575 Sqm (Square Meter)	
Amount					129.575 X 135.33190505135		17535.63	

6. 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/cm² with dimensional tolerance ± 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	Stair wall	1.000	8.800	0.110	0.770	0.000	0.745	-
ii	Hand wash base	1.000	1.900	1.200	0.330	0.000	0.752	-
Total Quantity					1.49776 cum (cum)		1.49776 Cum (Cubic Meter)	
Amount					1.49776 X 5745.141592424		8604.84	

7. Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Stair wall	2.000	8.800	0.000	0.770	0.000	13.552	-
ii	Hand wash base	2.000	1.900	0.000	0.330	0.000	1.254	-
iii	Hand wash base	2.000	0.000	1.200	0.330	0.000	0.792	-
Total Quantity					15.598 Sqm (Sqm)		15.598 Sqm (Square Meter)	

Amount						15.598 X 171.1617582336	2669.78	
8. Dismantling (AR1603) : Dismantling brick or stone masonry under 3m.								
Dismantling brick or stone masonry in lime or cement mortar under 3m. height 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	Toilet verandah	1.000	4.600	0.900	0.050	0.000	0.207	-
ii	Toilet room 1&2	2.000	2.100	2.000	0.050	0.000	0.420	-
Total Quantity					0.627 cum (cum)		0.627 Cum (Cubic Meter)	
Amount						0.627 X 1401.5088339223	878.75	
9. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Toilet verandah	1.000	4.600	0.900	0.000	0.000	4.140	-
ii	Hand wash base	1.000	1.900	1.200	0.000	0.000	2.280	-
iii	Toilet	2.000	2.100	2.000	0.000	0.000	8.400	-
Total Quantity					14.82 Sqm (Sqm)		14.82 Sqm (Square Meter)	
Amount						14.82 X 1535.605104031	22757.67	
10. 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 side	12.000	0.750	0.000	2.100	0.000	18.900	-
ii	Window	12.000	2.100	0.000	1.200	0.000	30.240	-
Total Quantity					49.14 Sqm (Sqm)		49.14 Sqm (Square Meter)	
Amount					49.14 X 230.37570221703		11320.66	
Total Amount							146550.09	
Addition								
Provision for PH Work (+) @							5000.00	
Provision for EI Work (+) @							19950.00	
Provision for Contingency (+) @							1465.50	
Display Citizen Board (+) @							1000.00	
Any Other Lumpsum (+) @							26000.00	
Provision for survey investigation and quality control (+) @								
Total Addition							53415.50	
Grand Net Total Amount							199965.59	

Sujay Kumar Mandal
JE
Rajkanika Block

SUDHANSU SEKHAR PATRA
AEE
Rajkanika Block

KAILASH CHANDRA MAHALIK
BDO
Rajkanika Block