

Detailed Estimate

OD/361/3452/119452/386099/00015514 : Repair and Renovation of Podadiha Primary School

Block : Kendujhar Sadar, Panchayat : Dimbo

Created By: Samir Kabi

1. Dismantling (AR1616) : Dismantling G.C.I. or A.C. sheet roofing								
Dismantling G.C.I. or A.C. sheet roofing after carefully removing the bolts and nuts including stacking of the 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	1	16.800	3.050	0.000	0.000	0.000	51.240	-
ii	1	16.800	5.500	0.000	0.000	0.000	92.400	-
Total Quantity					143.64 Sqm (Sqm)		143.64 Sqm (Square Meter)	
Amount					143.64 X 88.61935483871		12729.28	
2. Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring								
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	1	4.570	6.020	0.000	0.000	0.000	27.511	-
ii	1	15.900	2.400	0.000	0.000	0.000	38.160	-
iii	1	4.570	3.050	0.000	0.000	0.000	13.939	-
Total Quantity					79.6099 Sqm (Sqm)		79.6099 Sqm (Square Meter)	
Amount					79.6099 X 98.176344086021		7815.81	
3. Dismantling (AR1613) : Removing old lime or cement plaster								
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	2	21.400	0.600	0.000	0.000	0.000	12.840	-
ii	1	16.600	0.600	0.000	0.000	0.000	9.960	-

iii	1	15.140	0.600	0.000	0.000	0.000	9.084	-	
iv	2	16.800	0.600	0.000	0.000	0.000	10.080	-	
v	2	5.500	0.600	0.000	0.000	0.000	3.300	-	
Total Quantity					45.264 Sqm (Sqm)		45.264 Sqm (Square Meter)		
Amount					45.264 X 49.088172043011		2221.93		

4. Iron Work (AR1704) : Iron Doors and windows fixing

Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	window	2.000	0.900	0.900	30.000	0.000	48.600	-	
ii	door	2.000	1.050	1.900	20.000	0.000	79.800	-	
Total Quantity					128.4 Kg (Kilo Gram)		1.284 Qntl (Quintal)		
Amount					1.284 X 16395.906814976		21052.34		

5. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	2	21.400	0.600	0.000	0.000	0.000	12.840	-	
ii	1	16.600	0.600	0.000	0.000	0.000	9.960	-	
iii	1	15.140	0.600	0.000	0.000	0.000	9.084	-	
iv		16.800	0.600	0.000	0.000	0.000	10.080	-	
v		5.500	0.600	0.000	0.000	0.000	3.300	-	
Total Quantity					45.264 Sqm (Sqm)		45.264 Sqm (Square Meter)		
Amount					45.264 X 247.527192078		11204.07		

6. 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	roof	1.000	16.700	3.050	0.000	0.000	50.935	-
ii		1.000	16.700	5.100	0.000	0.000	85.170	-
iii	ridge	1.000	16.700	0.300	0.000	0.000	5.010	-
iv		0.000	0.000	0.000	0.000	0.000	1.000	-
Total Quantity					142.115 Sqm (Sqm)		142.115 Sqm (Square Meter)	
Amount					142.115 X 533.91402605451		75877.19	

7. Other Building Items. (AR1901B) : Vitriified Tile 600mmx600mm Plain Ivory

Supplying, fitting & fixing Vitriified 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	4.570	6.020	0.000	0.000	27.511	-
ii	office	1.000	4.570	3.050	0.000	0.000	13.939	-
iii	verandha	1.000	15.900	2.450	0.000	0.000	38.955	-
iv		1.000	72.800	0.150	0.000	0.000	10.920	-
Total Quantity					91.3249 Sqm (Sqm)		91.3249 Sqm (Square Meter)	
Amount					91.3249 X 1138.0860076738		103935.59	

8. Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer

Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty 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	out side	2.000	16.700	3.000	0.000	0.000	100.200	-
ii		2.000	7.470	3.000	0.000	0.000	44.820	-
iii	gable wall	2.000	0.500	7.470	0.900	0.000	6.723	-

Total Quantity	151.743 Sqm (Sqm)	151.743 Sqm (Square Meter)
Amount	151.743 X 158.46333443487	24045.70

9. Painting (AR0901bk) : Priming one coat in inner surface with primer of approved quality over iron work(For repair and maintenance) .

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(For repair and maintenance).

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	window	6.000	0.900	0.900	0.000	0.000	4.860	-
ii	door	4.000	1.050	1.900	0.000	0.000	7.980	-
Total Quantity					12.84 Sqm (Sqm)		12.84 Sqm (Square Meter)	
Amount					12.84 X 67.5817760758		867.75	

10. Painting (AR0921) : Finishing wall One Coat with distemper of approved shades on old work (Inside)

Finishing wall One Coat with distemper 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)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	class room	6.000	4.570	3.000	0.000	0.000	82.260	-
ii		4.000	6.020	3.000	0.000	0.000	72.240	-
iii	office	2.000	3.050	3.000	0.000	0.000	18.300	-
iv	gable portion	6.000	0.500	4.570	0.900	0.000	12.339	-
Total Quantity					185.139 Sqm (Sqm)		185.139 Sqm (Square Meter)	
Amount					185.139 X 52.2554525382		9674.52	

11. 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	window	6.000	0.900	0.900	0.000	0.000	4.860	-
ii	door	4.000	1.050	1.900	0.000	0.000	7.980	-

Total Quantity	12.84 Sqm (Sqm)	12.84 Sqm (Square Meter)
Amount	12.84 X 166.35693873938	2136.02
Total Amount		271560.21
Addition		
Provision for PH Work (+) @		
Provision for EI Work (+) @		22724.00
Provision for Contingency (+) @		2715.60
Display Citizen Board (+) @		3000.00
Any Other Lumpsum (+) @		
Total Addition		28439.60
Grand Net Total Amount		299999.82