

Detailed Estimate

OD/352/3350/117262/403381/00017904 : Maintenance of Phuljhar UP School Building
Block : Dhenkanal Sadar, Gram Panchayat : Chandrasekhar Prasad
Created By:Itishree Mallik

1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift								
Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cut off	2.000	43.000	0.225	0.100	0.000	1.935	-
Total Quantity					1.935 cum (cum)		1.935 Cum (Cubic Meter)	
Amount					1.935 X 240.77592		465.90	
2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed								
Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours 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	cut off	2.000	43.000	0.225	0.050	0.000	0.968	-
ii	Road	1.000	43.000	3.000	0.100	0.000	12.900	-
Total Quantity					13.8675 cum (cum)		13.8675 Cum (Cubic Meter)	
Amount					13.8675 X 1086.308732		15064.39	
3. 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	cut off	2.000	43.000	0.225	0.150	0.000	2.903	-

ii	Road	1.000	43.000	3.450	0.100	0.000	14.835	-	
Total Quantity					17.7375 cum (cum)		17.7375 Cum (Cubic Meter)		
Amount					17.7375 X 5897.29918484		104603.34		
4. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc									
Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc									
SI No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Cut off	2.000	43.000	0.000	0.250	0.000	21.500	-	
Total Quantity					21.5 Sqm (Sqm)		21.5 Sqm (Square Meter)		
Amount					21.5 X 216.55039071844		4655.83		
5. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum									
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	wearing coat	1.000	43.000	3.450	0.085	0.000	12.610	-	
Total Quantity					12.60975 cum (cum)		12.60975 Cum (Cubic Meter)		
Amount					12.60975 X 7339.46922008		92548.87		
6. Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)									
Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces 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	Class room	2.000	6.960	0.000	3.000	0.000	41.760	-	

ii	Class room	2.000	4.850	0.000	3.000	0.000	29.100	-
iii	sealing	1.000	6.960	0.000	4.850	0.000	33.756	-
iv	Front	1.000	7.450	0.000	3.000	0.000	22.350	-
v	ver sealing	1.000	7.450	0.000	2.600	0.000	19.370	-
vi	side	2.000	2.600	0.000	1.000	0.000	5.200	-
vii	Door	2.000	1.200	0.000	2.100	0.000	-	5.040
viii	Window	2.000	1.200	0.000	1.200	0.000	-	2.880
Total Quantity					143.616 Sqm (Sqm)		143.616 Sqm (Square Meter)	
Amount					143.616 X 71.84257680551		10317.74	

7. Painting (AR0901ai) : Priming one coat in outer surface with primer of approved quality over woodwork

Priming one coat in outer 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Class room	2.000	7.450	0.000	3.000	0.000	44.700	-
ii	Class room	2.000	5.600	0.000	3.000	0.000	33.600	-
iii	chhajja	1.000	7.450	0.000	0.600	0.000	4.470	-
iv	chhajja	2.000	1.500	0.000	0.600	0.000	1.800	-
v	pillar	4.000	1.000	0.000	2.100	0.000	8.400	-
vi	front	1.000	7.450	0.000	1.000	0.000	7.450	-
Total Quantity					100.42 Sqm (Sqm)		100.42 Sqm (Square Meter)	
Amount					100.42 X 70.09444766621		7038.88	

8. 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)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Class room	2.000	6.950	0.000	3.000	0.000	41.700	-
ii	Class room	2.000	4.850	0.000	3.000	0.000	29.100	-
iii	Sealing	1.000	6.950	0.000	4.850	0.000	33.708	-
iv	Ver	1.000	7.450	0.000	2.600	0.000	19.370	-
v	Ver	2.000	2.600	0.000	1.000	0.000	5.200	-
vi	front	1.000	7.450	0.000	3.000	0.000	22.350	-
vii	pillar	4.000	1.000	0.000	2.100	0.000	8.400	-
viii	Door	2.000	1.200	0.000	2.100	0.000	-	5.040
ix	window	2.000	1.500	0.000	1.200	0.000	3.600	-
Total Quantity					158.3875 Sqm (Sqm)		158.3875 Sqm (Square Meter)	
Amount					158.3875 X 50.8772186582		8058.32	

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	1.200	0.000	2.100	0.000	5.040	-
ii	Window	2.000	1.500	0.000	1.200	0.000	3.600	-
Total Quantity					8.64 Sqm (Sqm)		8.64 Sqm (Square Meter)	
Amount					8.64 X 164.2427377702		1419.06	

10. Painting (AR0917g) : 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)

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)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	outer	2.000	7.450	0.000	3.000	0.000	44.700	-
ii	outer	2.000	8.200	0.000	3.000	0.000	49.200	-
iii	Chhajja	1.000	7.450	0.000	0.600	0.000	4.470	-
iv	chhajja	2.000	1.500	0.000	0.600	0.000	1.800	-
v	front	1.000	7.450	0.000	1.000	0.000	7.450	-
Total Quantity					107.62 Sqm (Sqm)		107.62 Sqm (Square Meter)	
Amount					107.62 X 126.09799693301		13570.67	

11. Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips

2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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 specifaicon and direction of Engineer-in charge. (new work)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	roof	1.000	7.750	0.000	8.500	0.000	65.875	-
Total Quantity					65.875 Sqm (Sqm)		65.875 Sqm (Square Meter)	
Amount					65.875 X 358.2120789268		23597.22	

12. Dismantling (AR1621) : Removing old grading plaster from roof

Removing old grading plaster 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	Roof	1.000	7.750	0.000	8.500	0.000	65.875	-
Total Quantity					65.875 Sqm (Sqm)		65.875 Sqm (Square Meter)	

Amount	65.875 X 77.77	5123.10
Total Amount		286463.32
Addition		
Provision for PH Work (+) @		
Provision for EI Work (+) @		
Provision for Contingency (+) @		2864.63
Display Citizen Board (+) @		2000.00
Any Other Lumpsum (+) @		8600.00
Provision for survey investigation and quality control (+) @		
Total Addition		13464.63
Grand Net Total Amount		299927.96

Itishree Mallik
JE
Dhenkanal Sadar Block

Ramratan Bhuyan
AEE
Dhenkanal Sadar Block

Rahul Mandal
BDO
Dhenkanal Sadar Block