

Detailed Estimate

**OD/366/3521/120555/427741/00064057 : REPAIR OF SCHOOL AND ANGANWADI AT BHARIGUDA UNDER
AMALABHATTA**

Block : Tentulikhunti, Gram Panchayat : Amlabhatta

Created By:PADMANAV ROUT

1. 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	Slab	1.000	7.600	6.450	0.000	0.000	49.020	-
ii		1.000	2.700	2.400	0.000	0.000	6.480	-
Total Quantity					55.5 Sqm (Sqm)		55.5 Sqm (Square Meter)	
Amount					55.5 X 346.8631515896		19250.90	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Room	1.000	7.300	2.600	0.000	0.000	18.980	-
ii		1.000	2.630	1.560	0.000	0.000	4.103	-
Total Quantity					23.0828 Sqm (Sqm)		23.0828 Sqm (Square Meter)	
Amount					23.0828 X 100.34838709677		2316.32	
3. Flooring (AR0816) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor								
Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Enginer-in-charge.								

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Room	1.000	6.840	3.040	0.000	0.000	20.794	-
ii		1.000	2.170	2.020	0.000	0.000	4.383	-
Total Quantity					25.177 Sqm (Sqm)		25.177 Sqm (Square Meter)	
Amount					25.177 X 1191.0501023104		29987.07	

4. Flooring (AR0817a) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755)

Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) 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 ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Room	2.000	6.840	0.150	0.000	0.000	2.052	-
ii		2.000	3.040	0.150	0.000	0.000	0.912	-
iii		2.000	2.170	0.150	0.000	0.000	0.651	-
iv		2.000	2.020	0.150	0.000	0.000	0.606	-
Total Quantity					4.221 Sqm (Sqm)		4.221 Sqm (Square Meter)	
Amount					4.221 X 1324.908118766		5592.44	

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

12mm thick cement plster (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	Outside	1.000	37.100	0.000	3.000	0.000	111.300	-
ii	Door	3.000	2.100	0.000	1.000	0.000	-	6.300
iii	Window	2.000	0.900	0.000	1.200	0.000	-	2.160

Total Quantity	102.84 Sqm (Sqm)	102.84 Sqm (Square Meter)
Amount	102.84 X 168.4075878196	17319.04

6. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Inside	1.000	42.220	0.000	2.770	0.000	116.949	-
ii	B Wall	2.000	7.300	0.000	1.500	0.000	21.900	-
iii		2.000	3.500	0.000	1.500	0.000	10.500	-
iv	Door	3.000	2.100	1.000	0.000	0.000	-	6.300
v	Window	2.000	0.900	1.200	0.000	0.000	-	2.160
vi	Verandah	1.000	3.250	2.100	0.000	0.000	-	6.825
Total Quantity					134.0644 Sqm (Sqm)		134.0644 Sqm (Square Meter)	
Amount					134.0644 X 242.371292366		32493.36	

7. Painting (AR0901a) : Priming one coat in inner surface with primer of approved quality over woodwork

Priming one coat in inner 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Room	1.000	37.100	3.000	0.000	0.000	111.300	-
ii		1.000	42.220	2.850	0.000	0.000	120.327	-
iii	B Wall	2.000	10.300	1.500	0.000	0.000	30.900	-
iv		2.000	7.300	1.500	0.000	0.000	21.900	-
v	Column	6.000	0.900	1.500	0.000	0.000	8.100	-

vi	Verandah	1.000	3.250	2.100	0.000	0.000	-	6.825
vii	Door	4.000	2.100	1.000	0.000	0.000	-	8.400
viii	Window	2.000	0.900	1.200	0.000	0.000	-	2.160
Total Quantity					275.142 Sqm (Sqm)		275.142 Sqm (Square Meter)	
Amount					275.142 X 70.09444766621		19285.93	

8. Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside)

Finishing wall two coats with distemper of approved shades on new 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	Room	1.000	42.220	2.850	0.000	0.000	120.327	-
ii	Door	4.000	2.100	1.000	0.000	0.000	-	8.400
iii	Window	2.000	0.900	1.200	0.000	0.000	-	2.160
Total Quantity					109.767 Sqm (Sqm)		109.767 Sqm (Square Meter)	
Amount					109.767 X 78.865539425		8656.83	

9. 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).

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Room	1.000	37.100	3.000	0.000	0.000	111.300	-
ii	B Wall	2.000	10.300	1.500	0.000	0.000	30.900	-
iii		2.000	7.300	1.500	0.000	0.000	21.900	-
iv	Door	4.000	2.100	1.000	0.000	0.000	-	8.400
v	Window	2.000	0.900	1.200	0.000	0.000	-	2.160

Total Quantity	153.54 Sqm (Sqm)	153.54 Sqm (Square Meter)
Amount	153.54 X 163.17238623702	25053.49

10. 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	8.500	0.150	0.200	0.000	0.510	-
ii	Road	1.000	8.500	3.950	0.150	0.000	5.036	-
Total Quantity					5.54625 cum (cum)		5.54625 Cum (Cubic Meter)	
Amount					5.54625 X 240.77592		1335.40	

11. 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	8.500	0.150	0.100	0.000	0.255	-
ii	Road	1.000	8.500	3.950	0.100	0.000	3.358	-
Total Quantity					3.6125 cum (cum)		3.6125 Cum (Cubic Meter)	
Amount					3.6125 X 601.458232		2172.77	

12. 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	8.500	0.150	0.100	0.000	0.255	-

ii	Road	1.000	8.500	3.950	0.100	0.000	3.358	-
Total Quantity					3.6125 cum (cum)		3.6125 Cum (Cubic Meter)	
Amount					3.6125 X 5291.82399498		19116.71	
13. 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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	2.000	8.500	0.150	0.000	0.000	2.550	-
Total Quantity					2.55 Sqm (Sqm)		2.55 Sqm (Square Meter)	
Amount					2.55 X 216.55039071844		552.20	
14. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	8.500	4.250	0.050	0.000	1.806	-
Total Quantity					1.80625 cum (cum)		1.80625 Cum (Cubic Meter)	
Amount					1.80625 X 6804.58556026		12290.78	
Total Amount							195423.25	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							2000.00	

Display Citizen Board (+) @	2500.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
Total Addition	4500.00
Grand Net Total Amount	199923.25

PADMANAV ROUT
JE
Tentulikhunti Block

GOVIND KANHAR
AEE
Tentulikhunti Block

Manoj Kumar Panigrahi
BDO
Tentulikhunti Block