

Detailed Estimate

**OD/366/3521/120555/427979/00064185 : REPAIR OF ANGANWADI 2 AND ROAD AT DENGAGUDA UNDER
AMALABHATA GP**

Block : Tentulikhunti, Gram Panchayat : Amlabhata

Created By:PADMANAV ROUT

1. 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 Engineer-in-charge.									
Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Room	1.000	6.900	3.600	0.000	0.000	24.840	-	
ii		1.000	1.800	1.800	0.000	0.000	3.240	-	
iii		1.000	3.300	2.100	0.000	0.000	6.930	-	
Total Quantity					35.01 Sqm (Sqm)		35.01 Sqm (Square Meter)		
Amount					35.01 X 1195.1471198		41842.10		
2. 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									
Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Room	2.000	6.900	0.000	0.150	0.000	2.070	-	
ii		2.000	3.600	0.000	0.000	0.000	7.200	-	
iii		2.000	1.800	0.000	0.150	0.000	0.540	-	
iv		2.000	1.800	0.000	0.150	0.000	0.540	-	
v		2.000	3.300	0.000	0.150	0.000	0.990	-	

vi		2.000	2.100	0.000	0.150	0.000	0.630	-
Total Quantity					11.97 Sqm (Sqm)		11.97 Sqm (Square Meter)	
Amount					11.97 X 1326.966357366		15883.79	
3. 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	6.900	3.600	0.000	0.000	24.840	-
ii		1.000	1.800	1.800	0.000	0.000	3.240	-
iii		1.000	3.300	2.100	0.000	0.000	6.930	-
Total Quantity					35.01 Sqm (Sqm)		35.01 Sqm (Square Meter)	
Amount					35.01 X 100.34838709677		3513.20	
4. 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	Outside	1.000	3.300	0.000	2.800	0.000	9.240	-
ii		1.000	2.100	0.000	2.800	0.000	5.880	-
iii		1.000	9.390	0.000	2.800	0.000	26.292	-
iv	Door	1.000	2.100	0.000	1.000	0.000	-	2.100
v	Window	1.000	0.900	0.000	1.200	0.000	-	1.080
Total Quantity					38.232 Sqm (Sqm)		38.232 Sqm (Square Meter)	
Amount					38.232 X 168.943478306		6459.05	

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Inside	1.000	1.800	0.000	2.680	0.000	4.824	-
ii		1.000	1.800	0.000	2.680	0.000	4.824	-
iii	Step	3.000	2.000	0.000	0.400	0.000	2.400	-
iv		2.000	2.000	0.000	0.200	0.000	0.800	-
v		1.000	2.500	0.000	1.200	0.000	3.000	-
vi	Door	1.000	2.100	0.000	1.000	0.000	-	2.100
vii	Window	1.000	0.900	0.000	1.200	0.000	-	1.080
Total Quantity					12.668 Sqm (Sqm)		12.668 Sqm (Square Meter)	
Amount					12.668 X 243.01495971		3078.51	

6. 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	8.060	6.860	0.000	0.000	55.292	-
ii		1.000	2.960	2.960	0.000	0.000	8.762	-
Total Quantity					64.0532 Sqm (Sqm)		64.0532 Sqm (Square Meter)	
Amount					64.0532 X 348.671407756		22333.52	

7. 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	Cutoff	2.000	16.500	0.150	0.200	0.000	0.990	-
ii	Road	1.000	16.500	2.500	0.150	0.000	6.188	-
Total Quantity					7.1775 cum (cum)		7.1775 Cum (Cubic Meter)	
Amount					7.1775 X 240.77592		1728.17	

8. 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	Cutoff	2.000	16.500	0.150	0.100	0.000	0.495	-
ii	Road	1.000	16.500	2.500	0.100	0.000	4.125	-
Total Quantity					4.62 cum (cum)		4.62 Cum (Cubic Meter)	
Amount					4.62 X 601.458232		2778.74	

9. 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	Cutoff	2.000	16.500	0.150	0.100	0.000	0.495	-
ii	Road	1.000	16.500	2.500	0.100	0.000	4.125	-
Total Quantity					4.62 cum (cum)		4.62 Cum (Cubic Meter)	
Amount					4.62 X 5326.1030233		24606.60	

10. 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	Road	2.000	16.500	0.175	0.000	0.000	5.775	-
Total Quantity					5.775 Sqm (Sqm)		5.775 Sqm (Square Meter)	
Amount					5.775 X 216.55039071844		1250.58	

11. 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	Road	1.000	16.500	2.800	0.080	0.000	3.696	-
Total Quantity					3.696 cum (cum)		3.696 Cum (Cubic Meter)	
Amount					3.696 X 6852.9354561		25328.45	

12. Painting (AR0901di) : Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface)

Priming one coat with outer 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	Outside	1.000	9.390	0.000	2.800	0.000	26.292	-
ii		2.000	6.160	0.000	2.800	0.000	34.496	-
iii	Window	2.000	0.900	0.000	1.200	0.000	-	2.160
Total Quantity					58.628 Sqm (Sqm)		58.628 Sqm (Square Meter)	
Amount					58.628 X 72.860453727742		4271.66	
Total Amount							153074.36	

Addition	
Provision for PH Work (+) @	
Provision for EI Work (+) @	
Provision for Contingency (+) @	1600.00
Display Citizen Board (+) @	5000.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	300.00
Total Addition	6900.00
Grand Net Total Amount	159974.36

PADMANAV ROUT
JE
Tentulikhunti Block

GOVIND KANHAR
AEE
Tentulikhunti Block

Manoj Kumar Panigrahi
BDO
Tentulikhunti Block