

Detailed Estimate

OD/346/3305/116231/393259/00068471 : repair and restoration of Badapalsa primary school arabandha
Block : Nilgiri, Gram Panchayat : Arbandh
Created By:Ramesh Singh

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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	3.100	0.300	0.200	0.000	0.186	-
ii		1.000	3.150	0.300	0.200	0.000	0.189	-
iii		2.000	5.900	0.300	0.200	0.000	0.708	-
iv		2.000	2.700	0.300	0.200	0.000	0.324	-
v		1.000	4.700	0.300	0.200	0.000	0.282	-
vi		2.000	0.500	0.300	0.200	0.000	0.060	-
Total Quantity					1.749 cum (cum)		1.749 Cum (Cubic Meter)	
Amount					1.749 X 240.77592		421.12	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	3.100	0.300	0.100	0.000	0.093	-
ii		1.000	3.150	0.300	0.100	0.000	0.095	-
iii		1.000	2.850	2.900	0.250	0.000	2.066	-
iv		2.000	5.900	0.300	0.100	0.000	0.354	-

v		2.000	2.700	0.300	0.100	0.000	0.162	-
vi		1.000	5.400	2.200	0.700	0.000	8.316	-
vii		1.000	4.700	0.300	0.100	0.000	0.141	-
viii		2.000	0.500	0.300	0.100	0.000	0.030	-
ix		1.000	4.700	0.500	0.150	0.000	0.353	-
Total Quantity					11.60925 cum (cum)		11.60925 Cum (Cubic Meter)	
Amount					11.60925 X 987.278232		11461.56	

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		1.000	3.100	0.250	0.300	0.000	0.233	-
ii		1.000	3.150	0.250	0.300	0.000	0.236	-
iii		1.000	2.850	2.900	0.100	0.000	0.827	-
iv		2.000	5.900	0.250	0.100	0.000	0.295	-
v		2.000	2.700	0.250	0.100	0.000	0.135	-
vi		1.000	5.400	2.200	0.100	0.000	1.188	-
vii		1.000	4.700	0.300	0.100	0.000	0.141	-
viii		2.000	0.500	0.300	0.100	0.000	0.030	-
ix		1.000	4.700	0.500	0.100	0.000	0.235	-
Total Quantity					3.31925 cum (cum)		3.31925 Cum (Cubic Meter)	
Amount					3.31925 X 6345.5846407		21062.58	

4. 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		1.000	3.100	3.150	0.100	0.000	0.977	-
Total Quantity					0.9765 cum (cum)		0.9765 Cum (Cubic Meter)	
Amount					0.9765 X 7790.9839449		7607.90	

5. Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth

Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth 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		2.000	5.900	0.250	0.800	0.000	2.360	-
ii		2.000	2.700	0.250	0.800	0.000	1.080	-
iii		1.000	4.700	0.250	0.800	0.000	0.940	-
iv		2.000	0.500	0.125	0.800	0.000	0.100	-
Total Quantity					4.48 cum (cum)		4.48 Cum (Cubic Meter)	
Amount					4.48 X 5354.09366436		23986.34	

6. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	5.900	2.700	0.000	0.000	15.930	-
ii		1.000	4.700	0.500	0.000	0.000	2.350	-

iii		1.000	4.700	0.250	0.000	0.000	1.175	-	
iv		2.000	0.500	0.130	0.000	0.000	0.130	-	
Total Quantity					19.585 Sqm (Sqm)		19.585 Sqm (Square Meter)		
Amount					19.585 X 1205.612523862		23611.92		

7. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i		2.000	5.500	0.600	0.000	0.000	6.600	-	
ii		2.000	2.400	0.600	0.000	0.000	2.880	-	
iii		3.000	4.200	0.600	0.000	0.000	7.560	-	
iv		3.000	0.500	0.600	0.000	0.000	0.900	-	
v		4.000	7.000	0.200	0.000	0.000	5.600	-	
vi		1.000	10.000	0.200	0.000	0.000	2.000	-	
vii		1.000	3.200	0.200	0.000	0.000	0.640	-	
viii		1.000	25.200	0.130	0.000	0.000	3.276	-	
Total Quantity					29.456 Sqm (Sqm)		29.456 Sqm (Square Meter)		
Amount					29.456 X 1543.442595456		45463.65		

8. miscellaneous (ARM066) : Fitting and fixing of R.C.C. doors frame and as directed by Engineer-in-Charge.

Fitting and fixing of R.C.C. doors frame and as directed by Engineer-in-Charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		3.000	40.000	0.000	0.000	0.000	120.000	-

Total Quantity	120 Each (Each)	120 Each (Each)
Amount	120 X 119.84	14380.80
Total Amount		147995.86
Addition		
Provision for PH Work (+) @		
Provision for EI Work (+) @		
Provision for Contingency (+) @		1504.00
Display Citizen Board (+) @		500.00
Any Other Lumpsum (+) @		
Provision for survey investigation and quality control (+) @		
Total Addition		2004.00
Grand Net Total Amount		149999.86

Ramesh Singh
JE
Nilgiri Block

Sarat kumar Upadhyay
AEE
Nilgiri Block

Bikram Kishore Parida
BDO
Nilgiri Block