

Detailed Estimate

OD/362/3457/119550/407639/00072023 : Maintenance of Market Complex at Amanakuda Near GP Office
Block : Balipatna, Gram Panchayat : Amanakuda
Created By:Manoranjan Kar

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	levelling of front surface	1.000	17.400	7.800	0.075	1.000	10.179	-
Total Quantity					10.179 cum (cum)		10.179 Cum (Cubic Meter)	
Amount					10.179 X 240.77592		2450.86	
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	front space	1.000	17.400	7.800	0.100	1.000	13.572	-
Total Quantity					13.572 cum (cum)		13.572 Cum (Cubic Meter)	
Amount					13.572 X 619.032232		8401.51	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	FRONT SPACE	1.000	17.400	7.800	0.100	1.000	13.572	-
Total Quantity					13.572 cum (cum)		13.572 Cum (Cubic Meter)	

Amount					13.572 X 6060.5506015	82253.79		
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	FRONT SPACE	1.000	17.400	7.800	0.067	1.000	9.093	-
Total Quantity					9.09324 cum (cum)		9.09324 Cum (Cubic Meter)	
Amount					9.09324 X 7485.5684895		68068.07	
5. miscellaneous (ARM216) : Shuttering in foundation excluding cost of wood (Labour only). (Well Sinking) and as directed by Engineer-in-Charge.								
Shuttering in foundation excluding cost of wood (Labour only). (Well Sinking) and as directed by Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	FRONT SPACE	1.000	21.000	0.180	1.000	1.000	3.780	-
ii	FRONT SPACE	2.000	7.800	0.180	1.000	1.000	2.808	-
Total Quantity					6.588 Sqm (Sqm)		6.588 Sqm (Square Meter)	
Amount					6.588 X 4.99		32.87	
6. Other Building Items. (AR1901Aa) : Supplying, fitting and fixing Vitrified Tile 600mmx600mm Coloured /Printed series(Homogeneous) of approved make conforming to IS :13755 with application of polymer modified quick set cement based water resistant adhesive conforming to IS :15477 of 3mm								
Supplying, fitting and fixing Vitrified Tile 600mmx600mm Coloured /Printed series(Homogeneous) of approved make conforming to IS :13755 with application of polymer modified quick set cement based water resistant adhesive conforming to IS :15477 of 3mm thick bed and filling joints with white cement of approved quality including cost of all materials, labour ,T&P,etc. required for the work all complete as per direction of Engineer-in-Charge								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROOMS	3.000	4.250	3.650	1.000	1.000	46.538	-
ii	VARH.	1.000	13.300	1.500	1.000	1.000	19.950	-

iii	TOP OF PINDIS	2.000	1.500	0.250	1.000	1.000	0.750	-
Total Quantity					67.2375 Sqm (Sqm)		67.2375 Sqm (Square Meter)	
Amount					67.2375 X 2154.370349803		144854.48	

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROOMS	3.000	15.800	0.100	1.000	1.000	4.740	-
ii	VARH.	1.000	21.000	0.100	1.000	1.000	2.100	-
iii	PINDIS	2.000	1.500	0.750	1.000	1.000	2.250	-
Total Quantity					9.09 Sqm (Sqm)		9.09 Sqm (Square Meter)	
Amount					9.09 X 1538.833387736		13988.00	

8. Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside)

6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	FINS	1.000	13.800	0.800	1.000	1.000	11.040	-
ii	FINS	2.000	1.500	0.800	1.000	1.000	2.400	-
iii	CEILING	1.000	13.800	1.500	1.000	1.000	20.700	-
Total Quantity					34.14 Sqm (Sqm)		34.14 Sqm (Square Meter)	
Amount					34.14 X 193.81421563		6616.82	

9. Plastering (AR1004) : 12mm thick cement plaster (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	WALL	1.000	13.800	0.600	1.000	1.000	8.280	-
ii	WALL	2.000	5.100	0.900	1.000	1.000	9.180	-
Total Quantity					17.46 Sqm (Sqm)		17.46 Sqm (Square Meter)	
Amount					17.46 X 179.48539007		3133.81	

10. Other Building Items. (AR1902) : cement based wall putty (water based)

Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc.complete. and as per the direction of Engineer in Charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	FINS	1.000	13.800	0.800	1.000	1.000	11.040	-
ii	FINS	2.000	1.500	0.800	1.000	1.000	2.400	-
iii	CEILING	1.000	13.800	1.500	1.000	1.000	20.700	-
Total Quantity					34.14 Sqm (Sqm)		34.14 Sqm (Square Meter)	
Amount					34.14 X 79.21834		2704.51	

11. miscellaneous (ARM121) : Wall painting with any approved paint 2 coats (Labour only) (Painting) and as directed by Engineer-in-Charge.

Wall painting with any approved paint 2 coats (Labour only) (Painting) and as directed by Engineer-in-Charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	L.WALL	1.000	13.800	3.950	1.000	1.000	54.510	-
ii	L.WALL	1.000	13.800	3.000	1.000	1.000	41.400	-
iii	S.WALL	2.000	3.650	3.950	1.000	1.000	28.835	-
iv	S.WALL	2.000	1.500	1.650	1.000	1.000	4.950	-

v	ROOMS	3.000	15.800	3.000	1.000	1.000	142.200	-
vi	ROOMS CEILING	3.000	4.250	3.650	1.000	1.000	46.538	-
vii	FINS	2.000	13.800	0.800	1.000	1.000	22.080	-
viii	FINS	2.000	1.500	0.800	1.000	1.000	2.400	-
ix	ROOF CORNICE	1.000	35.500	0.100	1.000	1.000	3.550	-
x	VARH CEILING	1.000	13.800	1.500	1.000	1.000	20.700	-
Total Quantity					367.1625 Sqm (Sqm)		367.1625 Sqm (Square Meter)	
Amount					367.1625 X 6.93		2544.44	
Total Amount							335049.16	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @							10450.80	
Provision for Contingency (+) @							3500.00	
Display Citizen Board (+) @							1000.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							14950.80	
Grand Net Total Amount							349999.96	

Manoranjan Kar
JE
Balipatna Block

Archana Das
AEE
Balipatna Block

Subhrasu Sekhar Padhi
BDO
Balipatna Block