

Detailed Estimate

OD/365/3487/120052/390650/00072940 : REPAIR AND MAINTENANCE OF GOVT. UPS ARAPATA

Block : Badasahi, Gram Panchayat : Madhapur

Created By:ANATA KISHORE NAYAK

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	12.100	0.600	0.600	0.000	4.356	-
Total Quantity					4.356 cum (cum)		4.356 Cum (Cubic Meter)	
Amount					4.356 X 240.77592		1048.82	
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	B/W Back Filling	1.000	12.100	0.600	0.100	0.000	0.726	-
Total Quantity					0.726 cum (cum)		0.726 Cum (Cubic Meter)	
Amount					0.726 X 1286.672532		934.12	
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		1.000	12.100	0.600	0.150	0.000	1.089	-
Total Quantity					1.089 cum (cum)		1.089 Cum (Cubic Meter)	

Amount						1.089 X 6327.2951163	6890.42	
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	12.100	0.380	0.050	0.000	0.230	-
Total Quantity					0.2299 cum (cum)		0.2299 Cum (Cubic Meter)	
Amount						0.2299 X 7839.2167171	1802.24	
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		1.000	12.100	0.380	0.300	0.000	1.379	-
ii		1.000	12.100	0.380	0.350	0.000	1.609	-
Total Quantity					2.9887 cum (cum)		2.9887 Cum (Cubic Meter)	
Amount						2.9887 X 5532.61995944	16535.34	
6. Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure								
Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure 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		1.000	12.100	0.250	1.300	0.000	3.933	-
ii	Coping	1.000	12.100	0.130	0.150	0.000	0.236	-

Total Quantity	4.16845 cum (cum)	4.16845 Cum (Cubic Meter)
Amount	4.16845 X 5565.94995944	23201.38

7. 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		1.000	12.100	1.400	0.000	0.000	16.940	-
ii		2.000	2.800	1.050	0.000	0.000	5.880	-
iii		2.000	2.300	0.900	0.000	0.000	4.140	-
Total Quantity					26.96 Sqm (Sqm)		26.96 Sqm (Square Meter)	
Amount					26.96 X 180.830881366		4875.20	

8. 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		1.000	12.100	1.400	0.000	0.000	16.940	-
Total Quantity					16.94 Sqm (Sqm)		16.94 Sqm (Square Meter)	
Amount					16.94 X 257.28160361		4358.35	

9. Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer

Finishing wall surface two coats with weather coat with one coat oilbound Primer including all costs of labour, Paint, Primer, 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	B/W	2.000	12.100	1.600	0.000	0.000	38.720	-
ii	L.W	1.000	20.500	3.500	0.000	0.000	71.750	-

iii	Front	1.000	21.500	1.000	0.000	0.000	21.500	-
iv	Parapiti	1.000	50.800	0.600	0.000	0.000	30.480	-
v	Side	2.000	7.900	3.500	0.000	0.000	55.300	-
Total Quantity					217.75 Sqm (Sqm)		217.75 Sqm (Square Meter)	
Amount					217.75 X 156.85349521701		34154.85	
Total Amount							93800.73	
Addition								
Provision for PH Work (+) @							0.00	
Provision for EI Work (+) @							0.00	
Provision for Contingency (+) @							938.01	
Display Citizen Board (+) @							1000.00	
Any Other Lumpsum (+) @							4261.00	
Provision for survey investigation and quality control (+) @							0.00	
Total Addition							6199.01	
Grand Net Total Amount							99999.74	

ANATA KISHORE NAYAK
JE
Badasahi Block

DASHARATH MOHANTA
AEE
Badasahi Block

BANAJA DAS
BDO
Badasahi Block