

Detailed Estimate

OD/362/3460/119607/407519/00016137 : Maintenance of Kalyan Mandap at Kalyanpur

Block : Bhubaneswar, Gram Panchayat : Kalyanpur

Created By:Suchismita Satpathy

1. 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/cm ² 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	parapat	1.000	248.000	1.416	3.000	0.000	1053.500	-
ii	window	10.000	20.000	0.830	0.416	0.000	69.056	-
Total Quantity					1122.56 Cft (Cubic Foot)		31.787307008 Cum (Cubic Meter)	
Amount					31.787307008 X 5174.776107		164492.20	
2. 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	Hall	1.000	83.750	29.916	0.000	0.000	2505.470	-
ii	Toilet	2.000	4.330	7.416	0.000	0.000	64.223	-
iii	Room	2.000	9.500	12.830	0.000	0.000	243.770	-
iv	verandah	1.000	73.500	11.000	0.000	0.000	808.500	-
v	pillar	2.000	3.160	9.750	0.000	0.000	61.620	-
vi	column projection	10.000	2.083	0.000	11.830	0.000	246.419	-

vii	beam	6.000	3.830	0.000	29.916	0.000	687.470	-
viii	beam	1.000	2.160	0.000	70.000	0.000	151.200	-
ix	Cornice	1.000	288.000	0.000	1.000	0.000	288.000	-
Total Quantity					5056.66614 Sft (Square Foot)		469.77945440442 Sqm (Square Meter)	
Amount					469.77945440442 X 189.300058		88929.28	

3. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Ver	1.000	285.150	0.000	15.330	0.000	4371.350	-
ii	window side	9.000	20.000	0.000	1.000	0.000	180.000	-
iii	window	3.000	16.000	0.000	1.000	0.000	48.000	-
iv	window	1.000	22.000	0.000	1.000	0.000	22.000	-
v	window	1.000	18.000	0.000	1.000	0.000	18.000	-
vi	window	4.500	5.000	0.000	5.000	0.000	-	112.500
vii	window	1.000	6.000	0.000	5.000	0.000	-	30.000
viii	window	1.500	4.000	0.000	4.000	0.000	-	24.000
ix	window	1.000	4.416	0.000	5.000	0.000	-	22.080
x	Door	1.000	6.000	0.000	8.000	0.000	-	48.000
xi	grill	3.000	5.160	0.000	5.000	0.000	-	77.400
Total Quantity					4325.3695 Sft (Square Foot)		401.8398026585 Sqm (Square Meter)	
Amount					401.8398026585 X 168.33389725		67643.26	

4. 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	Hall	1.000	199.832	0.000	11.830	0.000	2364.010	-
ii	stage	1.000	27.832	0.000	9.920	0.000	276.093	-
iii	Room	2.000	44.660	0.000	9.920	0.000	886.054	-
iv	Toilat	2.000	23.492	0.000	9.916	0.000	465.893	-
v	open space	1.000	19.990	0.000	9.916	0.000	198.221	-
vi	verandah	1.000	169.000	0.000	11.830	0.000	1999.270	-
vii	Store	1.000	45.000	0.000	11.830	0.000	532.350	-
viii	window	5.500	5.000	0.000	5.000	0.000	-	137.500
ix	window	1.500	6.000	0.000	5.000	0.000	-	45.000
x	window	1.500	4.000	0.000	4.000	0.000	-	24.000
xi	window	1.000	4.416	0.000	5.000	0.000	-	22.080
xii	toilet door	2.000	2.500	0.000	6.750	0.000	-	33.750
xiii	Room door	2.000	4.000	0.000	6.750	0.000	-	54.000
xiv	Main door	2.000	6.000	0.000	8.000	0.000	-	96.000
xv	Store door	1.000	4.000	0.000	7.660	0.000	-	30.640
xvi	front door	1.000	6.000	0.000	8.000	0.000	-	48.000
xvii	front grill	3.000	5.160	0.000	5.000	0.000	-	77.400
Total Quantity					6153.524584 Sft (Square Foot)		571.68089442735 Sqm (Square Meter)	
Amount					571.68089442735 X 242.28440045		138509.36	

5. Masonry Brick Work (AR0603bi) : First floor

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Stair case	2.000	23.830	0.830	8.000	0.000	316.462	-
ii	door	1.000	3.500	0.830	6.750	0.000	-	19.609
iii	window	1.000	2.500	0.830	4.000	0.000	-	8.300
Total Quantity					288.55365 Cft (Cubic Foot)		8.17091599632 Cum (Cubic Meter)	
Amount					8.17091599632 X 5503.806837		44971.14	

6. R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position

Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	16 mm	16.000	8.000	0.000	0.000	0.482	61.643	-
ii	12 mm	8.000	8.000	0.000	0.000	0.271	17.361	-
iii	8 mm	88.000	3.140	0.000	0.000	0.120	33.268	-
iv	8 mm	36.000	5.880	0.000	0.000	0.120	25.485	-
v	8 mm	30.000	3.480	0.000	0.000	0.120	12.569	-
Total Quantity					150.3267504 Kg (Kilo Gram)		1.503267504 Qntl (Quintal)	
Amount					1.503267504 X 9008.7358242		13542.54	

7. R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips

Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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 and as per direction of Engineer-in charge. (excluding centring and shuttering)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Column	6.000	1.750	1.160	3.000	0.000	36.540	-
ii	column	5.000	1.000	0.830	3.000	0.000	12.450	-
iii	column	4.000	0.830	0.830	8.000	0.000	22.045	-
Total Quantity					71.0348 Cft (Cubic Foot)		2.01147822464 Cum (Cubic Meter)	
Amount					2.01147822464 X 6087.300741875		12244.47	

8. R.C.C. Work (AR0410d) : First floor

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. beams, column, girder and bressmer, etc. Data for 4.2sqm

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	column	6.000	5.820	0.000	3.000	0.000	104.760	-
ii	column	5.000	3.660	0.000	3.000	0.000	54.900	-
iii	column	4.000	3.320	0.000	8.000	0.000	106.240	-
Total Quantity					265.9 Sft (Square Foot)		24.7029077 Sqm (Square Meter)	
Amount					24.7029077 X 1256.858751656		31048.07	

9. miscellaneous (ARM105) : Labour for fitting and fixing of M.S. window grills including cost of screws complete. (Iron works) and as directed by Engineer-in-Charge.

Labour for fitting and fixing of M.S. window grills including cost of screws complete. (Iron works) and as directed by Engineer-in-Charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	grill	6.000	5.160	5.000	0.000	0.000	154.800	-

Total Quantity		154.8 Sft (Square Foot)		14.3813844 Sqm (Square Meter)				
Amount		14.3813844 X 16.22		233.27				
10. Iron Work (AR1704) : Iron Doors and windows fixing								
Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	door	4.000	6.000	0.000	8.000	3.250	624.000	-
ii	window	9.000	5.000	0.000	5.000	3.800	855.000	-
iii	window	2.000	6.000	0.000	5.000	3.850	231.000	-
Total Quantity		1710 Kg (Kilo Gram)		17.1 Qntl (Quintal)				
Amount		17.1 X 16323.912111087		279138.90				
Total Amount				840752.48				
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @								
Display Citizen Board (+) @								
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition								
Grand Net Total Amount								
849999.48								

Suchismita Satpathy
JE
Bhubaneswar Block

Sri Niranjana Biswal
AEE
Bhubaneswar Block

Deviprasad Mohanty
BDO
Bhubaneswar Block