

Detailed Estimate

OD/372/3570/121479/418946/00017103 : Improvement/Completion Of Kalyan Mandap at Khaliapali
Block : Sonepur, Panchayat : Khaliapali
Created By:SMT LEENA MISHRA

1. Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure								
Brickwork with Flyash Bricks of size (23cm x 11cm 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	1.000	6.930	0.250	2.950	0.000	5.111	-
ii	wall	1.000	3.630	0.250	2.950	0.000	2.677	-
iii	opening	1.000	1.500	0.250	2.100	0.000	-	0.788
iv	opening	2.000	3.350	0.250	0.350	0.000	-	0.586
Total Quantity					6.41425 cum (cum)		6.41425 Cum (Cubic Meter)	
Amount					6.41425 X 5127.210017216		32887.21	
2. Flooring (AR0817aa) : Fixing Vitrified floor tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm								
Fixing Vitrified floor 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 tiles including rubbing and polishing complete including cost of precast tiles.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	1	7.440	3.630	0.000	0.000	0.000	27.007	-
ii	2	7.440	0.100	0.000	0.000	0.000	0.744	-
iii	2	3.630	0.100	0.000	0.000	0.000	0.363	-
iv	1	1.500	0.100	0.000	0.000	0.000	-	0.150
Total Quantity					27.9642		0	
Amount					0 X 1626.972208225		0.00	
3. R.C.C. Work (AR0404Ad) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	LINTEL	1.000	6.930	0.250	0.150	0.000	0.260	-
ii	LINTEL	1.000	3.630	0.250	0.150	0.000	0.136	-
iii	CHAJJA	1.000	3.630	0.450	0.075	0.000	0.123	-
Total Quantity					0.5185125 cum (cum)		0.5185125 Cum (Cubic Meter)	
Amount					0.5185125 X 13061.03974491		6772.31	

4. R.C.C. Work (AR0410e) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting

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. Lintels Data for 7.8 sqm

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	lintel	2.000	6.930	0.150	0.000	0.000	2.079	-
ii	lintel	2.000	3.630	0.150	0.000	0.000	1.089	-
Total Quantity					3.168 Sqm (Sqm)		3.168 Sqm (Square Meter)	
Amount					3.168 X 496.76412196077		1573.75	

5. R.C.C. Work (AR0410a) : Centring & Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas

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. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	chajja	1.000	3.630	0.525	0.000	0.000	1.906	-
Total Quantity					1.90575 Sqm (Sqm)		1.90575 Sqm (Square Meter)	
Amount					1.90575 X 657.736757928		1253.48	

6. Plastering (AR1004) : 12mm thick cement plster (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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	outside	1.000	7.940	0.000	3.250	0.000	25.805	-	
ii	outside	1.000	4.130	0.000	3.250	0.000	13.423	-	
iii	opening	1.000	1.500	0.000	2.100	0.000	-	3.150	
iv	opening	2.000	3.350	0.000	0.350	0.000	-	2.345	
Total Quantity					33.7325 Sqm (Sqm)		33.7325 Sqm (Square Meter)		
Amount					33.7325 X 168.3581597124		5679.14		

7. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	inside	1.000	6.930	0.000	3.250	0.000	22.523	-	
ii	inside	1.000	3.630	0.000	3.250	0.000	11.798	-	
iii	opening	1.000	1.500	0.000	2.100	0.000	-	3.150	
iv	opening	2.000	3.350	0.000	0.350	0.000	-	2.345	
Total Quantity					28.825 Sqm (Sqm)		28.825 Sqm (Square Meter)		
Amount					28.825 X 241.425284754		6959.08		

8. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	2.000	6.930	0.000	3.250	0.000	45.045	-
ii	wall	2.000	3.630	0.000	3.250	0.000	23.595	-

iii	ceilling	1.000	6.930	3.630	0.000	0.000	25.156	-	
iv	opening	1.000	1.500	0.000	2.100	0.000	-	3.150	
v	opening	2.000	3.360	0.000	0.350	0.000	-	2.352	
Total Quantity					88.2939 Sqm (Sqm)		88.2939 Sqm (Square Meter)		
Amount					88.2939 X 78.13764		6899.08		

9. Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)

Priming one coat with inner 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	inside wall	2.000	6.930	0.000	3.250	0.000	45.045	-	
ii	inside wall	2.000	3.630	0.000	3.250	0.000	23.595	-	
iii	ceilling	1.000	6.930	3.630	0.000	0.000	25.156	-	
iv	outside	1.000	7.940	0.000	3.250	0.000	25.805	-	
v	outside	2.000	4.130	0.000	3.250	0.000	26.845	-	
vi	opening	2.000	1.500	0.000	2.100	0.000	-	6.300	
vii	opening	4.000	3.350	0.000	0.350	0.000	-	4.690	
Total Quantity					135.4559 Sqm (Sqm)		135.4559 Sqm (Square Meter)		
Amount					135.4559 X 70.756555300133		9584.39		

10. Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside)

Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	2.000	6.930	0.000	3.250	0.000	45.045	-
ii	wall	2.000	3.630	0.000	3.250	0.000	23.595	-
iii	ceilling	1.000	6.930	3.630	0.000	0.000	25.156	-

iv	opening	1.000	1.500	0.000	2.100	0.000	-	3.150	
v	opening	2.000	3.350	0.000	0.350	0.000	-	2.345	
Total Quantity					88.3009 Sqm (Sqm)		88.3009 Sqm (Square Meter)		
Amount					88.3009 X 99.2420912125		8763.17		

11. Painting (AR0918Ai) : Finishing wall one coat with weather coat

Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes 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	wall	1.000	7.940	0.000	3.250	0.000	25.805	-	
ii	wall	2.000	4.130	0.000	3.250	0.000	26.845	-	
iii	opening	1.000	1.500	0.000	2.100	0.000	-	3.150	
iv	opening	2.000	3.250	0.000	0.350	0.000	-	2.275	
Total Quantity					47.225 Sqm (Sqm)		47.225 Sqm (Square Meter)		
Amount					47.225 X 56.3022053275		2658.87		

12. miscellaneous (ARM098) : Fabricated iron works (Labour only). (Iron works) and as directed by Engineer-in-Charge.

Fabricated iron works (Labour only). (Iron works) and as directed by Engineer-in-Charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	door	1.000	1.500	0.000	2.100	37.670	118.660	-	
ii	grill	2.000	3.350	0.000	0.350	21.520	50.464	-	
Total Quantity					169.1249 Kg (Kilo Gram)		1.691249 Qntl (Quintal)		
Amount					1.691249 X 355.25		600.82		

13. Painting (AR0901b) : Priming one coat in inner surface with primer of approved quality over iron work.

Priming one coat in inner surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
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i	door	1.000	1.500	2.100	0.000	2.250	7.088	-	
ii	grill	2.000	3.350	0.350	0.000	1.000	2.345	-	
Total Quantity					9.4325 Sqm (Sqm)		9.4325 Sqm (Square Meter)		
Amount					9.4325 X 66.437109409133		626.67		

14. Painting (AR0902) : Painting one coat of enamel on new wood work in inner surface

Painting one coat of enamel on new wood work in inner surface including all costs of labour, Paint, Primer and brushes 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	door	1.000	1.500	2.100	0.000	2.250	7.088	-	
ii	window	2.000	3.350	0.350	0.000	1.000	2.345	-	
Total Quantity					9.4325 Sqm (Sqm)		9.4325 Sqm (Square Meter)		
Amount					9.4325 X 107.66827077051		1015.58		

15. Roofing (AR1132i) : Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties

Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge

Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i		12.000	2.000	0.600	0.000	0.000	14.400	-	
ii		5.000	1.200	0.600	0.000	0.000	3.600	-	
iii		2.000	1.400	0.600	0.000	0.000	1.680	-	
iv		1.000	10.000	1.500	0.000	0.000	15.000	-	
Total Quantity					34.68 Sqm (Sqm)		34.68 Sqm (Square Meter)		
Amount					34.68 X 533.91402605451		18516.14		

16. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
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i	door	1.000	1.500	2.100	0.000	37.670	118.660	-
ii	grill	1.000	3.350	0.350	0.000	26.500	31.071	-
iii	truss	12.000	1.800	0.600	0.000	32.000	414.720	-
iv		5.000	1.000	0.600	0.000	32.000	96.000	-
v		2.000	1.200	0.600	0.000	32.000	46.080	-
vi		1.000	10.000	1.500	0.000	32.000	480.000	-
Total Quantity					1186.53175 Kg (Kilo Gram)		11.8653175 Qntl (Quintal)	
Amount					11.8653175 X 15874.081628976		188351.02	
Total Amount							292140.70	
Addition								
Provision for PH Work (+) @							250000.00	
Provision for EI Work (+) @							403000.00	
Provision for Contingency (+) @							10000.00	
Display Citizen Board (+) @							1733.99	
Any Other Lumpsum (+) @							10000.00	
Total Addition							674733.99	
Grand Net Total Amount							966874.69	