

Detailed Estimate

OD/346/3304/116211/393426/00068477 : Repair & Maintenance of Samsarpur Pry.

Block : Khaira, Gram Panchayat : Govindapur

Created By: Santosh Kumar Prusty

1. Dismantling (AR1620) : Dismantling and removing 2.5 cm thick grading concrete from roof								
Dismantling and removing 2.5 cm thick grading concrete from roof slab cleaning the surface lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Roof Slab	1.000	14.450	8.400	0.000	0.000	121.380	-
Total Quantity					121.38 Sqm (Sqm)		121.38 Sqm (Square Meter)	
Amount					121.38 X 112.89193548387		13702.82	
2. Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips								
2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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 specifaion and direction of Engineer-in charge. (new work)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Roof Slab	1.000	14.450	8.400	0.000	0.000	121.380	-
Total Quantity					121.38 Sqm (Sqm)		121.38 Sqm (Square Meter)	
Amount					121.38 X 380.235721514		46153.01	
3. Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring								
Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Floor	1.000	6.700	4.900	0.000	0.000	32.830	-
ii	Floor	1.000	2.700	2.950	0.000	0.000	7.965	-

Total Quantity	40.795 Sqm (Sqm)	40.795 Sqm (Square Meter)
Amount	40.795 X 100.34838709677	4093.71

4. 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	Room	2.000	2.450	0.250	2.000	0.000	2.450	-
ii	Room	1.000	2.450	0.250	2.750	0.000	1.684	-
iii	Door	1.000	0.900	0.250	1.950	0.000	-	0.439
iv	Windows	1.000	1.150	0.250	1.200	0.000	-	0.345
Total Quantity					3.350625 cum (cum)		3.350625 Cum (Cubic Meter)	
Amount					3.350625 X 5510.55209776		18463.79	

5. Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside.

12mm thick cement plaster (1:6) over Brick work in outside 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	5.650	0.000	2.000	0.000	11.300	-
ii	Wall	1.000	2.700	0.000	2.900	0.000	7.830	-
iii	Door	1.000	0.900	0.000	1.950	0.500	-	0.878
iv	Windows	1.000	1.150	0.000	1.200	0.500	-	0.690
Total Quantity					17.5625 Sqm (Sqm)		17.5625 Sqm (Square Meter)	

Amount		17.5625 X 182.430695914		3203.94				
6. 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	Wall	2.000	2.450	0.000	2.000	0.000	9.800	-
ii	Wall	1.000	2.450	0.000	2.900	0.000	7.105	-
iii	Door	1.000	0.900	0.000	1.950	0.500	-	0.878
iv	Windows	1.000	1.150	0.000	1.200	0.500	-	0.690
Total Quantity					15.3375 Sqm (Sqm)		15.3375 Sqm (Square Meter)	
Amount		15.3375 X 259.19800589		3975.45				
7. Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory								
Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Floor	1.000	6.700	4.900	0.000	0.000	32.830	-
ii	Floor	1.000	2.450	2.450	0.000	0.000	6.003	-
Total Quantity					38.8325 Sqm (Sqm)		38.8325 Sqm (Square Meter)	
Amount		38.8325 X 1021.129851045		39653.02				
8. 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 conforming 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	Floor	2.000	11.600	0.000	0.150	0.000	3.480	-
ii	Floor	2.000	4.900	0.000	0.150	0.000	1.470	-
Total Quantity					4.95 Sqm (Sqm)		4.95 Sqm (Square Meter)	
Amount					4.95 X 1536.052059836		7603.46	
Total Amount							136849.21	
Addition								
Provision for PH Work (+) @							3500.00	
Provision for EI Work (+) @								
Provision for Contingency (+) @							10.75	
Display Citizen Board (+) @							800.00	
Any Other Lumpsum (+) @							8840.00	
Provision for survey investigation and quality control (+) @								
Total Addition							13150.75	
Grand Net Total Amount							149999.96	

Santosh Kumar Prusty
JE
Khaira Block

Bibhuti Bhusan Nayak
AEE
Khaira Block

Narayan Sahu
BDO
Khaira Block