

Detailed Estimate

OD/361/3450/119421/385518/00071017 : TOILET REPAIRING, FLOORING & COLORING AT GOVT.UPS TOLAKBAHAL
Block : Jhumpura, Gram Panchayat : Gumura
Created By:Manoj Kumar Soren

1. Dismantling (AR1628) : Dismantling and removing old tiled flooring								
Dismantling and removing old tiled flooring including removing the base coarse and 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	Toilet	2.000	1.800	2.400	0.000	0.000	8.640	-
Total Quantity					8.64 Sqm (Sqm)		8.64 Sqm (Square Meter)	
Amount					8.64 X 125.43548387097		1083.76	
2. Dismantling (AR1629) : Dismantling and removing old tiled cladding from walls								
Dismantling and removing old tiled cladding from walls including racking out joints 12mm deep 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	toilet	4.000	1.800	0.000	1.200	0.000	8.640	-
ii		4.000	2.400	0.000	1.200	0.000	11.520	-
Total Quantity					20.16 Sqm (Sqm)		20.16 Sqm (Square Meter)	
Amount					20.16 X 65.226451612903		1314.97	
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	Toilet verandah	1.000	3.600	1.500	0.000	0.000	5.400	-

ii	step	1.000	1.500	1.200	0.000	0.000	1.800	-
Total Quantity					7.2 Sqm (Sqm)		7.2 Sqm (Square Meter)	
Amount					7.2 X 100.34838709677		722.51	
4. Dismantling (AR1613) : Removing old lime or cement plaster								
Removing old lime or cement plaster from walls including raking out joints 12 mm deep 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	class room wall	1.000	6.000	0.000	3.200	0.000	19.200	-
Total Quantity					19.2 Sqm (Sqm)		19.2 Sqm (Square Meter)	
Amount					19.2 X 50.174193548387		963.34	
5. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	toilet	2.000	1.800	2.400	0.100	0.000	0.864	-
ii	ver	1.000	3.600	1.500	0.100	0.000	0.540	-
iii	ramp	1.000	1.500	1.200	0.100	0.000	0.180	-
Total Quantity					1.584 cum (cum)		1.584 Cum (Cubic Meter)	
Amount					1.584 X 6017.68839724		9532.02	
6. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	wall	1.000	6.000	3.200	0.000	0.000	19.200	-
Total Quantity					19.2 Sqm (Sqm)		19.2 Sqm (Square Meter)	
Amount					19.2 X 176.0203583048		3379.59	
7. Flooring (AR0816) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor								
Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	toilet	2.000	1.800	2.400	0.000	0.000	8.640	-
ii	ver	1.000	3.500	1.500	0.000	0.000	5.250	-
iii	ramp	1.000	1.500	1.200	0.000	0.000	1.800	-
Total Quantity					15.69 Sqm (Sqm)		15.69 Sqm (Square Meter)	
Amount					15.69 X 1216.1925077982		19082.06	
8. Flooring (AR0817b) : Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753)								
Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	toilet	4.000	1.800	0.000	1.200	0.000	8.640	-
ii		4.000	2.400	0.000	1.200	0.000	11.520	-
iii	ver	1.000	3.600	0.000	1.200	0.000	4.320	-
iv	door	2.000	0.900	0.000	1.200	0.000	-	2.160
Total Quantity					22.32 Sqm (Sqm)		22.32 Sqm (Square Meter)	
Amount					22.32 X 900.088423671		20089.97	

9. Painting (AR0918hk) : Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work(Outside)(For repair and maintenance).

Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge(Outside)(For repair and maintenance).

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	class room	2.000	7.500	0.000	3.200	0.000	48.000	-
ii		2.000	6.000	0.000	3.200	0.000	38.400	-
iii	window	2.000	1.200	0.000	1.200	0.000	-	2.880
iv	toilet	2.000	3.500	0.000	2.700	0.000	18.900	-
v		2.000	3.050	0.000	2.700	0.000	16.470	-
vi	kitchen	4.000	3.050	0.000	3.050	0.000	37.210	-
vii	door	1.000	1.200	0.000	2.100	0.000	-	2.520
Total Quantity					153.58 Sqm (Sqm)		153.58 Sqm (Square Meter)	
Amount					153.58 X 163.18531517371		25062.00	

10. Painting (AR0920k) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside)(For Repair and maintenance)

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)(For Repair and maintenance)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	class room	3.000	6.500	0.000	3.200	0.000	62.400	-
ii		2.000	6.000	0.000	3.200	0.000	38.400	-
iii	ceeling	1.000	7.000	6.000	0.000	0.000	42.000	-
iv	toilet	4.000	2.400	0.000	1.500	0.000	14.400	-
v		4.000	1.800	0.000	1.500	0.000	10.800	-

vi	kitchen	4.000	3.050	0.000	3.050	0.000	37.210	-
vii	door	4.000	1.050	0.000	2.100	0.000	-	8.820
Total Quantity					196.39 Sqm (Sqm)		196.39 Sqm (Square Meter)	
Amount					196.39 X 95.239563475		18704.10	
11. R.C.C. Work (AR0404Aa) : 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 foundation, footing bases of column, mass concrete, pre-cast slabs etc.)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	slab	1.000	1.600	1.600	0.125	0.000	0.320	-
Total Quantity					0.32 cum (cum)		0.32 Cum (Cubic Meter)	
Amount					0.32 X 6764.5877539013		2164.67	
12. Painting (AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface)								
Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes 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	window	4.000	1.200	0.000	1.200	0.000	5.760	-
ii	door	5.000	1.200	0.000	2.100	0.000	12.600	-
Total Quantity					18.36 Sqm (Sqm)		18.36 Sqm (Square Meter)	
Amount					18.36 X 164.25024333952		3015.63	
Total Amount							105114.63	
Addition								
Provision for PH Work (+) @							40834.00	

Provision for EI Work (+) @	
Provision for Contingency (+) @	1051.15
Display Citizen Board (+) @	3000.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
Total Addition	44885.15
Grand Net Total Amount	149999.77

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