

Detailed Estimate

**OD/361/3450/119415/385646/00070921 : TOILET REPAIRING, ACR GRADING, FLOORING & COLORING AT GOVT. PS
JADAKENDUSAHI**

Block : Jhumpura, Gram Panchayat : Badaneuli

Created By: Ashok Kumar Panda

1. 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.									
Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	OFFICE ROOM	1.000	12.750	10.750	0.000	0.000	137.062	-	
ii	Toilet	2.000	6.000	6.000	0.000	0.000	72.000	-	
iii	store room	1.000	6.410	6.250	0.000	0.000	40.063	-	
Total Quantity					249.125 Sft (Square Foot)		23.144459875 Sqm (Square Meter)		
Amount					23.144459875 X 100.34838709677		2322.51		
2. Other Building Items. (AR1901Ba) : Vitrified Tile 600mmx600mm Coloured /Printed									
Supplying, fitting & fixing Vitrified Tile 600mmx600mm Coloured /Printed series(Homogeneous) 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 work all materials, taxes, labor, T&P , etc. complete as per direction of Engineer-in-charge.									
Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	office room	1.000	12.750	10.750	0.000	0.000	137.062	-	
ii	store	1.000	6.410	6.250	0.000	0.000	40.063	-	
Total Quantity					177.125 Sft (Square Foot)		16.455443875 Sqm (Square Meter)		
Amount					16.455443875 X 1068.6088524882		17584.43		
3. 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	RAMP	1.000	14.000	5.250	0.250	0.000	18.375	-
Total Quantity					18.375 Cft (Cubic Foot)		0.5203212 Cum (Cubic Meter)	
Amount					0.5203212 X 7612.88552824		3961.15	

4. Flooring (AR0816j) : Fixing Chequered Tiles in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1

Fixing Chequered Tiles 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 Chequered tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Ramp	1.000	14.000	5.250	0.000	0.000	73.500	-
Total Quantity					73.5 Sft (Square Foot)		6.8283705 Sqm (Square Meter)	
Amount					6.8283705 X 993.0526227456		6780.93	

5. Flooring (AR0817b) : Fourth Floor

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Toilet	4.000	6.000	0.000	6.000	0.000	144.000	-
ii	side room	1.000	6.000	0.000	6.000	0.000	36.000	-
iii	side	3.000	6.000	0.000	3.000	0.000	54.000	-
iv	door	2.000	3.000	0.000	6.000	0.000	-	36.000

Total Quantity	198 Sft (Square Foot)	18.394794 Sqm (Square Meter)
Amount	18.394794 X 967.73619676512	17801.31

6. miscellaneous (ARM122) : Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height (Painting) and as directed by Engineer-in-Charge.

Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height (Painting) and as directed by Engineer-in-Charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	office room	2.000	10.000	0.000	10.000	0.000	200.000	-
ii	office room	2.000	11.000	0.000	10.000	0.000	220.000	-
iii	out side	6.000	11.000	0.000	12.000	0.000	792.000	-
iv	toilet	2.000	6.000	0.000	7.000	0.000	84.000	-
v	toilet	2.000	6.000	0.000	7.000	0.000	84.000	-
vi	DOOR	1.000	3.500	0.000	6.500	0.000	-	22.750
vii	window	1.000	3.500	0.000	3.500	0.000	-	12.250

Total Quantity	1345 Sft (Square Foot)	124.954535 Sqm (Square Meter)
Amount	124.954535 X 5.12	639.77

7. Dismantling (AR1603) : Dismantling brick or stone masonry under 3m.

Dismantling brick or stone masonry in lime or cement mortar under 3m. height including stacking the useful materials for reuse and removing the debris within 50m. Lead and as per direction of Engineer-in-Charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Toilet	3.000	6.000	0.830	7.000	0.000	104.580	-

Total Quantity	104.58 Cft (Cubic Foot)	2.961370944 Cum (Cubic Meter)
Amount	2.961370944 X 1401.5088339223	4150.39

8. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Toilet	3.000	6.000	0.000	7.000	0.000	126.000	-
ii	outside	2.000	4.000	0.000	4.000	0.000	32.000	-
iii	out side	3.000	10.000	0.000	11.000	0.000	330.000	-
iv	out side	2.000	6.000	0.000	8.000	0.000	96.000	-
Total Quantity					584 Sft (Square Foot)		54.255352 Sqm (Square Meter)	
Amount					54.255352 X 178.3239183904		9675.03	

9. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Toilet	2.000	6.000	0.830	7.000	0.000	69.720	-
ii	out side of sintex	1.000	4.000	0.000	4.000	0.000	16.000	-
Total Quantity					85.72 Cft (Cubic Foot)		2.427316096 Cum (Cubic Meter)	
Amount					2.427316096 X 5361.169903736		13013.25	

10. Painting (AR0920b) : Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat waterbound Primer on new work (Inside)

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

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	office room	2.000	10.000	0.000	10.000	0.000	200.000	-
ii	office room	2.000	11.000	0.000	10.000	0.000	220.000	-
iii	toilet	2.000	6.000	0.000	7.000	0.000	84.000	-
iv	side room	4.000	6.000	0.000	7.000	0.000	168.000	-
Total Quantity					672 Sft (Square Foot)		62.430816 Sqm (Square Meter)	
Amount					62.430816 X 165.82736053871		10352.74	

11. Painting (AR0918f) : Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)

Finishing wall with two coat weather coat paint of approved shade 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)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	OUT SIDE OF ROOM	6.000	11.000	0.000	12.000	0.000	792.000	-
ii	door	1.000	3.500	0.000	6.500	0.000	-	22.750
iii	window	1.000	3.500	0.000	3.500	0.000	-	12.250
Total Quantity					757 Sft (Square Foot)		70.327571 Sqm (Square Meter)	
Amount					70.327571 X 87.89121		6181.18	

12. 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	OUT SIDE	3.000	10.000	0.000	11.000	0.000	330.000	-
ii	outside	2.000	6.000	0.000	8.000	0.000	96.000	-

Total Quantity	426 Sft (Square Foot)	39.576678 Sqm (Square Meter)
Amount	39.576678 X 50.174193548387	1985.73
Total Amount		94448.40
Addition		
Provision for PH Work (+) @		38830.00
Provision for EI Work (+) @		
Provision for Contingency (+) @		1500.00
Display Citizen Board (+) @		3000.00
Any Other Lumpsum (+) @		12221.59
Provision for survey investigation and quality control (+) @		
Total Addition		55551.59
Grand Net Total Amount		149999.99

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