

Detailed Estimate

**OD/361/3450/119416/385521/00070931 : TOILET REPAIRING, ACR GRADING, FLOORING & COLORING AT
GOVT.UPS RAJABASA**

Block : Jhumpura, Gram Panchayat : Balibandha

Created By: Ajay Kumar Behera

1. 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	Old wall	1.000	42.000	0.830	2.500	0.000	87.150	-
Total Quantity					87.15 Cft (Cubic Foot)		2.46780912 Cum (Cubic Meter)	
Amount					2.46780912 X 1401.5088339223		3458.66	
2. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Toilet Wall	2.000	13.000	0.830	2.500	0.000	53.950	-
ii		2.000	9.000	0.830	2.500	0.000	37.350	-
iii	Partition wall	4.000	4.500	0.420	4.500	0.000	34.020	-
iv		3.000	3.000	0.420	4.500	0.000	17.010	-
Total Quantity					142.33 Cft (Cubic Foot)		4.030330144 Cum (Cubic Meter)	
Amount					4.030330144 X 5524.688342176		22266.32	
3. 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	Wall	4.000	13.000	0.000	2.500	0.000	130.000	-
ii		4.000	9.000	0.000	2.500	0.000	90.000	-
iii	Partition wall	8.000	4.500	0.000	4.500	0.000	162.000	-
iv		6.000	3.000	0.000	4.500	0.000	81.000	-
Total Quantity					463 Sft (Square Foot)		43.014089 Sqm (Square Meter)	
Amount					43.014089 X 178.7198753564		7687.47	

4. Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer

Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Toilet Wall	4.000	13.000	0.000	2.500	0.000	130.000	-
ii		4.000	9.000	0.000	2.500	0.000	90.000	-
iii	Partition wall	8.000	4.500	0.000	4.500	0.000	162.000	-
iv		6.000	3.000	0.000	4.500	0.000	81.000	-
v	ACR Wall	1.000	90.000	0.000	10.000	0.000	900.000	-
Total Quantity					1363 Sft (Square Foot)		126.626789 Sqm (Square Meter)	
Amount					126.626789 X 160.74115594024		20354.14	

5. Iron Work (AR1703) : Iron work wrought and put up in trusses and record racks

Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery 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	To be paid as per actual	220.000	0.000	0.000	0.000	0.000	220.000	-
Total Quantity					220 Kg (Kilo Gram)		2.2 Qntl (Quintal)	
Amount					2.2 X 14019.214798252		30842.27	
6. 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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Roof	1.000	15.000	11.000	0.000	0.000	165.000	-
Total Quantity					165 Sft (Square Foot)		15.328995 Sqm (Square Meter)	
Amount					15.328995 X 537.71510132332		8242.63	
7. Flooring (AR0816k) : 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 (For repair and maintenance) .								
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(For repair and maintenance) .								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Toilet floor	1.000	5.000	4.500	0.000	0.000	22.500	-
ii	Urinal Floor	2.000	5.000	4.500	0.000	0.000	45.000	-
iii	Verandah	1.000	13.000	3.000	0.000	0.000	39.000	-
Total Quantity					106.5 Sft (Square Foot)		9.8941695 Sqm (Square Meter)	
Amount					9.8941695 X 1209.9055100356		11971.01	
8. Flooring (AR0817bk) : 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)(For repair and maintenance)								

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(For repair and maintenance) .

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Toilet Wall	1.000	17.000	0.000	3.000	0.000	51.000	-
ii	Urinal wall	2.000	17.000	0.000	3.000	0.000	102.000	-
iii	Verandah	1.000	9.000	0.000	0.500	0.000	4.500	-
Total Quantity					157.5 Sft (Square Foot)		14.6322225 Sqm (Square Meter)	
Amount					14.6322225 X 897.252469416		13128.80	
Total Amount							117951.30	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							1179.51	
Display Citizen Board (+) @							2869.19	
Any Other Lumpsum (+) @							28000.00	
Provision for survey investigation and quality control (+) @								
Total Addition							32048.70	
Grand Net Total Amount							150000.00	

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