

Detailed Estimate

OD/365/3488/120073/387546/00067634 : Repair & Restoration of Bhaludihi AWC building
Block : Bahalda, Gram Panchayat : Gambharia
Created By: PRAFULLA KUMAR BED

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	28.500	20.500	0.000	0.000	584.250	-
Total Quantity					584.25 Sft (Square Foot)		54.27857775 Sqm (Square Meter)	
Amount					54.27857775 X 112.89193548387		6127.61	
2. Concrete (AR0318) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken)								
4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specification and direction of Engineer-in charge. (Old Work)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Roof Slab	28.500	20.500	0.000	0.000	0.000	584.250	-
Total Quantity					584.25 Sft (Square Foot)		54.27857775 Sqm (Square Meter)	
Amount					54.27857775 X 748.399866165		40622.08	
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	Room	1.000	18.000	12.000	0.000	0.000	216.000	-

ii		1.000	17.000	7.000	0.000	0.000	119.000	-
iii	Verandah	1.000	18.000	5.000	0.000	0.000	90.000	-
Total Quantity					425 Sft (Square Foot)		39.483775 Sqm (Square Meter)	
Amount					39.483775 X 100.34838709677		3962.13	

4. Concrete (AR0304) : Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal

Cement concrete (1:4:8) with 4 cm. hard granite(Crusher 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Room	1.000	18.000	12.000	0.330	0.000	71.280	-
ii		1.000	17.000	7.000	0.330	0.000	39.270	-
iii	Verandah	1.000	18.000	5.000	0.330	0.000	29.700	-
Total Quantity					140.25 Cft (Cubic Foot)		3.9714312 Cum (Cubic Meter)	
Amount					3.9714312 X 5184.511194		20589.93	

5. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Out Side Room	2.000	40.000	0.000	10.000	0.000	800.000	-
ii		3.000	22.000	0.000	10.000	0.000	660.000	-
iii		3.000	20.000	0.000	10.000	0.000	600.000	-
iv		2.000	20.660	0.000	10.000	0.000	413.200	-
v	Door	2.000	3.250	0.000	6.500	0.000	-	42.250

vi	Window	5.000	3.000	0.000	4.000	0.000	-	60.000
vii	Sky Light	6.000	1.250	0.000	1.000	0.000	-	7.500
Total Quantity					2363.45 Sft (Square Foot)		219.57159535 Sqm (Square Meter)	
Amount					219.57159535 X 171.97196371		37760.16	

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	Inside Room	2.000	30.000	0.000	10.000	0.000	600.000	-
ii		2.000	24.000	0.000	10.000	0.000	480.000	-
iii	Door	2.000	3.250	0.000	6.500	0.000	-	42.250
iv	Window	5.000	3.000	0.000	4.000	0.000	-	60.000
v	Sky Light	6.000	1.250	0.000	1.000	0.000	-	7.500
Total Quantity					970.25 Sft (Square Foot)		90.13913575 Sqm (Square Meter)	
Amount					90.13913575 X 246.65147885		22232.95	

7. 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)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	1	90.140	0.000	0.000	0.000	0.000	90.140	-
Total Quantity					90.14 Sft (Square Foot)		8.37427642 Sqm (Square Meter)	
Amount					8.37427642 X 94.7706419375		793.64	

8. 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)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Out Side	1.000	27.500	0.000	10.500	0.000	288.750	-
ii		1.000	19.500	0.000	10.500	0.000	204.750	-
iii		1.000	13.670	0.000	10.500	0.000	143.535	-
iv		1.000	8.660	0.000	10.500	0.000	90.930	-
v		1.000	8.660	0.000	10.000	0.000	86.600	-
vi		2.000	12.000	0.000	3.000	0.000	72.000	-
vii		2.000	5.000	0.000	3.000	0.000	30.000	-
viii	Door	2.000	3.250	0.000	6.500	0.000	-	42.250
ix	Window	5.000	3.000	0.000	4.000	0.000	-	60.000
x	Sky Light	6.000	1.250	0.000	1.000	0.000	-	7.500
Total Quantity					806.815 Sft (Square Foot)		74.955533945 Sqm (Square Meter)	
Amount					74.955533945 X 160.74632751492		12048.83	

9. 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	Door	2.000	3.250	6.500	2.250	0.000	95.063	-
ii	Window	5.000	3.000	4.000	2.500	0.000	150.000	-
Total Quantity					245.0625 Sft (Square Foot)		22.7670414375 Sqm (Square Meter)	

Amount						22.7670414375 X 164.24574000202	3739.39	
10. 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)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Room	1.000	18.000	12.000	0.000	0.000	216.000	-
ii		1.000	17.000	7.000	0.000	0.000	119.000	-
iii	Verandah	1.000	18.000	5.000	0.000	0.000	90.000	-
Total Quantity					425 Sft (Square Foot)		39.483775 Sqm (Square Meter)	
Amount						39.483775 X 1016.222452137	40124.30	
11. Flooring (AR0817ac) : Fixing Vitrified industrial Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm in dados skirting and risers of steps on 12mm thick cement plaster (1:3)								
Fixing Vitrified industrial Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Room	2.000	30.000	0.000	0.330	0.000	19.800	-
ii		2.000	24.000	0.000	0.330	0.000	15.840	-
iii	Verandah	1.000	18.000	0.000	0.330	0.000	5.940	-
Total Quantity					41.58 Sft (Square Foot)		3.86290674 Sqm (Square Meter)	
Amount						3.86290674 X 1466.149589772	5663.60	
Total Amount							193664.62	
Addition								

Provision for PH Work (+) @	
Provision for EI Work (+) @	
Provision for Contingency (+) @	4000.00
Display Citizen Board (+) @	3500.00
Any Other Lumpsum (+) @	873.00
Provision for survey investigation and quality control (+) @	
Total Addition	8373.00
Grand Net Total Amount	202037.62

PRAFULLA KUMAR BED
JE
Bahalda Block

MADAN MOHAN NAIK
AEE
Bahalda Block

Mayurbhanj Bahalda BDO
BDO
Bahalda Block