

Detailed Estimate

OD/365/3488/120072/387531/00067633 : Repairing of AWC building at Dalsora
Block : Bahalda, Gram Panchayat : Bhitaramda
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Roof Slab	1.000	31.500	20.000	0.000	0.000	630.000	-
Total Quantity					630 Sft (Square Foot)		58.52889 Sqm (Square Meter)	
Amount					58.52889 X 112.89193548387		6607.44	
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 specifaion and direction of Engineer-in charge. (Old Work)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Roof slab	1.000	31.500	20.000	0.000	0.000	630.000	-
Total Quantity					630 Sft (Square Foot)		58.52889 Sqm (Square Meter)	
Amount					58.52889 X 744.303499479		43563.26	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Room	1.000	22.000	16.000	0.000	0.000	352.000	-

ii		1.000	10.660	10.000	0.000	0.000	106.600	-
iii	Verandah	1.000	12.000	9.000	0.000	0.000	108.000	-
Total Quantity					566.6 Sft (Square Foot)		52.6388398 Sqm (Square Meter)	
Amount					52.6388398 X 100.34838709677		5282.22	

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	22.000	16.000	0.330	0.000	116.160	-
ii		1.000	10.660	10.000	0.330	0.000	35.178	-
iii	Verandah	1.000	12.000	9.000	0.330	0.000	35.640	-
Total Quantity					186.978 Cft (Cubic Foot)		5.2946186304 Cum (Cubic Meter)	
Amount					5.2946186304 X 5079.3865964		26893.41	

5. 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	22.000	16.000	0.000	0.000	352.000	-
ii		1.000	10.660	10.000	0.000	0.000	106.600	-
iii		1.000	4.000	3.000	0.000	0.000	12.000	-
iv	Verandah	1.000	12.000	9.000	0.000	0.000	108.000	-

Total Quantity	578.6 Sft (Square Foot)	53.7536758 Sqm (Square Meter)
Amount	53.7536758 X 1016.476858411	54639.37

6. 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 confirming 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Room	2.000	38.000	0.000	0.330	0.000	25.080	-
ii		2.000	20.660	0.000	0.330	0.000	13.636	-
iii		2.000	7.000	0.000	0.330	0.000	4.620	-
iv	Verandah	1.000	12.000	0.000	0.330	0.000	3.960	-
Total Quantity					47.2956 Sft (Square Foot)		4.3939031268 Sqm (Square Meter)	
Amount					4.3939031268 X 1539.873790756		6766.06	

7. 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	Room O/S	2.000	38.000	0.000	2.000	0.000	152.000	-
ii		3.000	48.000	0.000	1.500	0.000	216.000	-
iii		2.000	20.660	0.000	1.500	0.000	61.980	-
iv	Door	4.000	4.000	7.000	0.000	0.000	-	112.000
v	Window	4.000	4.000	4.250	0.000	0.000	-	68.000
vi	Sky light	6.000	1.250	1.000	0.000	0.000	-	7.500

Total Quantity	242.48 Sft (Square Foot)	22.52711944 Sqm (Square Meter)
Amount	22.52711944 X 171.491473986	3863.21

8. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Room I/S	2.000	38.000	9.500	0.000	0.000	722.000	-
ii		2.000	20.660	9.500	0.000	0.000	392.540	-
iii	Door	2.000	4.000	7.000	0.000	0.000	-	56.000
iv	Window	2.000	4.000	4.250	0.000	0.000	-	34.000
v	Sky light	3.000	1.250	1.000	0.000	0.000	-	3.750

Total Quantity	1020.79 Sft (Square Foot)	94.83445337 Sqm (Square Meter)
Amount	94.83445337 X 246.07479511	23336.37

9. 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)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Inside Room	100.280	0.000	0.000	0.000	0.000	100.280	-

Total Quantity	100.28 Sqm (Sqm)	100.28 Sqm (Square Meter)
Amount	100.28 X 94.775145275	9504.05

10. 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	Out Side	1.000	23.660	10.500	0.000	0.000	248.430	-
ii		1.000	28.500	10.500	0.000	0.000	299.250	-
iii		2.000	11.660	10.500	0.000	0.000	244.860	-
iv		1.000	11.660	3.500	0.000	0.000	40.810	-
v		1.000	12.500	3.500	0.000	0.000	43.750	-
vi	Door	2.000	4.000	7.000	0.000	0.000	-	56.000
vii	Window	2.000	4.000	4.250	0.000	0.000	-	34.000
viii	Sky Light	3.000	1.250	1.000	0.000	0.000	-	3.750
Total Quantity					783.35 Sft (Square Foot)		72.77556505 Sqm (Square Meter)	
Amount					72.77556505 X 160.75408487694		11698.97	
11. 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)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Door	2.000	4.000	7.000	2.250	0.000	126.000	-
ii	Window	2.000	4.000	4.250	2.750	0.000	93.500	-
iii		2.000	4.000	4.500	2.750	0.000	99.000	-
Total Quantity					318.5 Sft (Square Foot)		29.5896055 Sqm (Square Meter)	
Amount					29.5896055 X 164.25024333952		4860.10	
Total Amount							197014.46	
Addition								

Provision for PH Work (+) @	
Provision for EI Work (+) @	
Provision for Contingency (+) @	2023.00
Display Citizen Board (+) @	2500.00
Any Other Lumpsum (+) @	500.00
Provision for survey investigation and quality control (+) @	
Total Addition	5023.00
Grand Net Total Amount	202037.46

PRAFULLA KUMAR BED
JE
Bahalda Block

MADAN MOHAN NAIK
AEE
Bahalda Block

Mayurbhanj Bahalda BDO
BDO
Bahalda Block