

Detailed Estimate

OD/368/3534/120838/421694/00016719 : Repaire & Maintance of Govt Primary school,Nandpur
Block : Nuapada, Gram Panchayat : Dumerpani
Created By: SATYAJEET MOHANTA

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	room	2.000	19.500	12.500	0.000	0.000	487.500	-	
ii	room	2.000	21.000	12.500	0.000	0.000	525.000	-	
iii	verandah	1.000	40.500	7.000	0.000	0.000	283.500	-	
Total Quantity					1296 Sft (Square Foot)		120.402288 Sqm (Square Meter)		
Amount					120.402288 X 100.34838709677		12082.18		
2. 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	1.000	19.500	12.500	0.000	0.000	243.750	-	
ii	room	1.000	21.000	12.500	0.000	0.000	262.500	-	
iii		1.000	40.500	7.000	0.000	0.000	283.500	-	
iv	dinning slab	1.000	67.000	2.330	0.000	0.000	156.110	-	
Total Quantity					945.86 Sft (Square Foot)		87.87323158 Sqm (Square Meter)		
Amount					87.87323158 X 1520.620316801		133621.82		
3. Dismantling (AR1604) : Dismantling brick or stone masonry above 3m.									

Dismantling brick or stone masonry in lime or cement mortar above 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	room	1.000	12.500	0.750	11.000	0.000	103.125	-
Total Quantity					103.125 Cft (Cubic Foot)		2.92017 Cum (Cubic Meter)	
Amount					2.92017 X 1483.9505300353		4333.39	

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	room	2.000	40.500	0.000	10.000	0.000	810.000	-
ii		2.000	12.500	0.000	10.000	0.000	250.000	-
iii		2.000	3.500	0.000	6.500	0.000	-	45.500
iv		2.000	3.500	0.000	4.000	0.000	-	28.000
Total Quantity					986.5 Sft (Square Foot)		91.6488095 Sqm (Square Meter)	
Amount					91.6488095 X 50.174193548387		4598.41	

5. Plastering (AR1004k) : 12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth(For repair and maintenance).

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(For repair and maintenance).

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	room	2.000	40.500	0.000	10.000	0.000	810.000	-
ii		2.000	12.500	0.000	10.000	0.000	250.000	-
iii	door	2.000	3.500	0.000	6.500	0.000	-	45.500
iv	window	2.000	3.500	0.000	4.000	0.000	-	28.000
Total Quantity					986.5 Sft (Square Foot)		91.6488095 Sqm (Square Meter)	

Amount						91.6488095 X 168.7018631568	15461.32	
6. Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside)								
Finishing wall two coats with distemper 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	room	2.000	40.500	0.000	10.000	0.000	810.000	-
ii		2.000	12.500	0.000	10.000	0.000	250.000	-
iii	door	2.000	3.500	0.000	6.500	0.000	-	45.500
iv	window	2.000	3.500	0.000	4.000	0.000	-	28.000
Total Quantity					986.5 Sft (Square Foot)		91.6488095 Sqm (Square Meter)	
Amount						91.6488095 X 78.8505283	7226.56	
7. Painting (AR0917g) : Finishing wall with one coat weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work (Outside)								
Finishing wall with one coat weather coat paint of approved shade including one coat of oil 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)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	room	2.000	42.750	0.000	11.000	0.000	940.500	-
ii		2.000	12.500	0.000	11.000	0.000	275.000	-
iii	door	2.000	3.500	0.000	6.500	0.000	-	45.500
iv	window	2.000	3.500	0.000	6.500	0.000	-	45.500
v	Boundry	2.000	50.000	0.000	0.000	0.000	100.000	-
Total Quantity					1224.5 Sft (Square Foot)		113.7597235 Sqm (Square Meter)	
Amount						113.7597235 X 126.08844985751	14343.79	
8. Masonry Brick Work (AR0603c) : Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth								

Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth 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	wall	10.000	2.000	0.750	3.500	0.000	52.500	-
Total Quantity					52.5 Cft (Cubic Foot)		1.486632 Cum (Cubic Meter)	
Amount					1.486632 X 4949.227261312		7357.68	

9. 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.)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	slab	1.000	67.000	2.000	0.250	0.000	33.500	-
Total Quantity					33.5 Cft (Cubic Foot)		0.9486128 Cum (Cubic Meter)	
Amount					0.9486128 X 5621.2327783689		5332.37	

10. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc

Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	slab	1.000	67.000	2.000	0.000	0.000	134.000	-
Total Quantity					134 Sft (Square Foot)		12.449002 Sqm (Square Meter)	
Amount					12.449002 X 216.39264180804		2693.87	

11. Iron Work (AR1704) : Iron Doors and windows fixing

Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
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i	door	2.000	3.500	0.000	6.500	2.750	125.125	-
ii	window	5.000	3.500	0.000	4.000	3.000	210.000	-
Total Quantity					335.125 Kg (Kilo Gram)		3.35125 Qntl (Quintal)	
Amount					3.35125 X 15023.084025087		50346.11	
12. Dismantling (AR1618) : Dismantling and removing doors, windows and ventilators								
Dismantling and removing doors, windows and ventilators including removal of frame, hinges, fastening and stacking the same for reuse and removing the debris within 50m and as per direction of Engineer-in-Charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	door	0.000	0.000	0.000	0.000	0.000	1.000	-
Total Quantity					1 Sft (Square Foot)		0.092903 Sqm (Square Meter)	
Amount					0.092903 X 396.30846153846		36.82	
13. 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	3.500	0.000	6.500	2.250	102.375	-
ii	window	5.000	3.500	0.000	4.000	2.750	192.500	-
Total Quantity					294.875 Sft (Square Foot)		27.394772125 Sqm (Square Meter)	
Amount					27.394772125 X 164.23523221452		4499.19	
Total Amount							261933.50	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							2619.33	
Display Citizen Board (+) @							2000.00	

Any Other Lumpsum (+) @	
Total Addition	4619.33
Grand Net Total Amount	266552.83