

Detailed Estimate

OD/364/3484/119978/430290/00017963 : Repair & Maint. of P S at Tandapalli

Block : Malkangiri, Gram Panchayat : Tandapalli

Created By:Er Nihar Ranjan Sarkar

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		2.000	6.050	4.500	0.000	0.000	54.450	-
ii		1.000	9.100	2.500	0.000	0.000	22.750	-
iii		1.000	3.550	2.500	0.000	0.000	8.875	-
Total Quantity					86.075 Sqm (Sqm)		86.075 Sqm (Square Meter)	
Amount					86.075 X 100.34838709677		8637.49	
2. Dismantling (AR1616) : Dismantling G.C.I. or A.C. sheet roofing								
Dismantling G.C.I. or A.C. sheet roofing after carefully removing the bolts and nuts including stacking of he 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		7.000	3.000	1.000	0.000	0.000	21.000	-
Total Quantity					21 Sqm (Sqm)		21 Sqm (Square Meter)	
Amount					21 X 90.519892473118		1900.92	
3. 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		1.000	7.600	8.500	0.000	0.000	64.600	-
Total Quantity					64.6 Sqm (Sqm)		64.6 Sqm (Square Meter)	
Amount					64.6 X 112.89193548387		7292.82	

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		4.000	6.050	0.000	3.000	0.000	72.600	-
ii		4.000	4.500	0.000	3.000	0.000	54.000	-
iii		1.000	9.100	0.000	3.000	0.000	27.300	-
iv		2.000	2.500	0.000	3.000	0.000	15.000	-
v	Window	5.000	0.900	0.000	0.900	0.000	-	4.050
vi	Door	3.000	0.900	0.000	1.800	0.000	-	4.860
Total Quantity					159.99 Sqm (Sqm)		159.99 Sqm (Square Meter)	
Amount					159.99 X 50.174193548387		8027.37	

5. 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		1.000	9.100	0.000	3.000	0.000	27.300	-
ii		2.000	2.500	0.000	3.000	0.000	15.000	-
iii	Window	2.000	0.900	0.000	0.900	0.000	-	1.620
iv	Door	3.000	0.900	0.000	1.800	0.000	-	4.860
Total Quantity					35.82 Sqm (Sqm)		35.82 Sqm (Square Meter)	
Amount					35.82 X 171.8998297928		6157.45	

6. Plastering (AR1017) : 20mm thick cement Plaster in CM (1:4) over brick work in inside.

20mm thick cement Plaster in CM (1:4) over stone 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		2.000	13.150	0.000	0.400	0.000	10.520	-	
ii		2.000	7.550	0.000	0.400	0.000	6.040	-	
iii		2.000	7.350	0.000	0.600	0.000	8.820	-	
iv		2.000	8.350	0.000	0.600	0.000	10.020	-	
Total Quantity					35.4 Sqm (Sqm)		35.4 Sqm (Square Meter)		
Amount					35.4 X 271.8201395504		9622.43		

7. Flooring (AR0817abk) : Fixing Vitrified floor tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Coloured /Printed series(Homogeneous) in in dados skirting and risers of steps on 12mm thick cement plaster(For repair and maintenance).

Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Coloured /Printed series(Homogeneous) 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(For repair and maintenance).

Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i		2.000	6.050	4.500	0.000	0.000	54.450	-	
ii		1.000	9.100	2.500	0.000	0.000	22.750	-	
iii		1.000	3.500	2.050	0.000	0.000	7.175	-	
iv		4.000	6.050	0.150	0.000	0.000	3.630	-	
v		4.000	4.500	0.150	0.000	0.000	2.700	-	
vi		1.000	9.100	0.150	0.000	0.000	1.365	-	
vii		2.000	0.900	0.150	0.000	0.000	-	0.270	
Total Quantity					91.8 Sqm (Sqm)		91.8 Sqm (Square Meter)		
Amount					91.8 X 1584.657765143		145471.58		

8. Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips

2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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 specifaion and direction of Engineer-in charge. (new work)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
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i		1.000	8.400	7.500	0.000	0.000	63.000	-
Total Quantity					63 Sqm (Sqm)		63 Sqm (Square Meter)	
Amount					63 X 356.7158625028		22473.10	

9. 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		4.000	6.050	2.800	0.000	0.000	67.760	-
ii		4.000	4.500	3.000	0.000	0.000	54.000	-
iii		2.000	3.550	2.800	0.000	0.000	19.880	-
iv		2.000	2.050	2.800	0.000	0.000	11.480	-
v		2.000	6.700	3.000	0.000	0.000	40.200	-
vi		2.000	4.800	3.000	0.000	0.000	28.800	-
vii		3.000	0.900	1.800	0.000	0.000	-	4.860
viii		5.000	0.900	0.900	0.000	0.000	-	4.050
ix		2.000	1.200	1.950	0.000	0.000	-	4.680
x		4.000	0.900	1.200	0.000	0.000	4.320	-
Total Quantity					212.85 Sqm (Sqm)		212.85 Sqm (Square Meter)	
Amount					212.85 X 78.895561675		16792.92	

10. 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		3.000	0.900	0.000	1.800	2.250	10.935	-
ii		5.000	0.900	0.000	0.900	2.750	11.138	-
iii		2.000	1.200	0.000	1.950	2.250	10.530	-

iv		4.000	0.900	0.000	1.200	2.750	11.880	-
Total Quantity					44.4825 Sqm (Sqm)		44.4825 Sqm (Square Meter)	
Amount					44.4825 X 164.25624778952		7306.53	
11. Roofing (AR1132) : Supplying, feeting & fixing of G.C.I. Sheet (0.30mm thick) in roof drilling hole in wind ties								
Supplying, fitting & fixing of G.C.I. Sheet (0.30mm 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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		7.000	3.000	1.000	0.000	0.000	21.000	-
Total Quantity					21 Sqm (Sqm)		21 Sqm (Square Meter)	
Amount					21 X 521.96430757032		10961.25	
Total Amount							244643.86	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							2500.00	
Display Citizen Board (+) @							2856.00	
Any Other Lumpsum (+) @								
Total Addition							5356.00	
Grand Net Total Amount							249999.86	