

Detailed Estimate

OD/364/3483/119992/430742/00074449 : REPAIR AND MAINTAINANCE OF PRY SCHOOL AT CHINTANDOLI

Block : Chittrakonda, Gram Panchayat : Ralegada

Created By:KAMALAKANT BARIK

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	Class Room	1.000	6.820	6.710	0.000	0.000	45.762	-
ii	Verandha	1.000	6.820	2.400	0.000	0.000	16.368	-
Total Quantity					62.1302 Sqm (Sqm)		62.1302 Sqm (Square Meter)	
Amount					62.1302 X 100.34838709677		6234.67	
2. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal								
Cement concrete (1:3:6) 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	Class Room	1.000	6.800	6.710	0.075	0.000	3.422	-
ii	Verandha	1.000	6.820	2.400	0.075	0.000	1.228	-
iii	Ramp wall	2.000	2.400	0.250	0.280	0.000	0.336	-
iv	Ramp	1.000	2.400	1.400	0.100	0.000	0.336	-
Total Quantity					5.3217 cum (cum)		5.3217 Cum (Cubic Meter)	
Amount					5.3217 X 6322.7933039		33648.01	
3. Flooring (AR0816) : 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								

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Class Room	1.000	6.820	6.710	0.000	0.000	45.762	-
ii	Verandha	1.000	6.820	2.400	0.000	0.000	16.368	-
iii	Ramp	1.000	2.400	1.400	0.000	0.000	3.360	-
iv	Dado	1.000	38.680	0.150	0.000	0.000	5.802	-
Total Quantity					71.2922 Sqm (Sqm)		71.2922 Sqm (Square Meter)	
Amount					71.2922 X 1211.294694578		86355.86	

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	I/S	2.000	6.820	0.000	3.100	0.000	42.284	-
ii	I/S	2.000	6.710	0.000	3.100	0.000	41.602	-
iii	Crown	4.000	3.300	0.000	0.425	0.000	5.610	-
iv	O/S	2.000	7.170	0.000	3.200	0.000	45.888	-
v	O/S	2.000	6.820	0.000	3.200	0.000	43.648	-
vi	Door	2.000	1.200	2.100	0.000	0.000	-	5.040
vii	Window	4.000	1.100	1.100	0.000	0.000	-	4.840
Total Quantity					169.152 Sqm (Sqm)		169.152 Sqm (Square Meter)	
Amount					169.152 X 50.174193548387		8487.07	

5. 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	Class Room	2.000	6.820	0.000	3.100	0.000	42.284	-
ii	Class Ro	2.000	6.710	0.000	3.100	0.000	41.602	-
iii	Crown	4.000	3.300	0.000	0.405	0.000	5.346	-
Total Quantity					89.232 Sqm (Sqm)		89.232 Sqm (Square Meter)	
Amount					89.232 X 257.63986273		22989.72	

6. Plastering (AR1006) : 12mm thick cement plaster (1:4) over brickwork in inside

12mm thick cement plaster (1:4) over brickwork in inside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, 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	O/S	2.000	7.170	0.000	3.200	0.000	45.888	-
ii	O/S	2.000	6.820	0.000	3.200	0.000	43.648	-
iii	Door	2.000	1.200	2.100	0.000	0.000	-	5.040
iv	Window	4.000	1.100	1.100	0.000	0.000	-	4.840
Total Quantity					79.656 Sqm (Sqm)		79.656 Sqm (Square Meter)	
Amount					79.656 X 202.201527724		16106.56	

7. 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)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	I/S	2.000	6.820	0.000	3.100	0.000	42.284	-
ii	I/S	2.000	6.710	0.000	3.100	0.000	41.602	-

iii	Crown	4.000	3.300	0.000	0.425	0.000	5.610	-
iv	O/S	2.000	7.170	0.000	3.200	0.000	45.888	-
v	O/S	2.000	6.820	0.000	3.200	0.000	43.648	-
vi	Door	2.000	1.200	2.100	0.000	0.000	-	5.040
vii	Window	4.000	1.100	1.100	0.000	0.000	-	4.840
Total Quantity					169.152 Sqm (Sqm)		169.152 Sqm (Square Meter)	
Amount					169.152 X 78.925583925		13350.42	

8. Painting (AR0920bk) : Finishing wall two coats with plastic emulsion paint of approved shades with one coat water bound Primer on new work (Inside)(For repair and maintenance) .

Finishing wall two coats with plastic emulsion paint of approved shades with one coat waterbound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)(For repair and maintenance).

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	I/S	2.000	6.820	0.000	3.100	0.000	42.284	-
ii	I/S	2.000	6.710	0.000	3.100	0.000	41.602	-
iii	Crown	4.000	3.300	0.000	0.425	0.000	5.610	-
iv	O/S	2.000	7.170	0.000	3.200	0.000	45.888	-
v	O/S	2.000	6.820	0.000	3.200	0.000	43.648	-
vi	Door	2.000	1.200	2.100	0.000	0.000	-	5.040
vii	Window	4.000	1.100	1.100	0.000	0.000	-	4.840
Total Quantity					169.152 Sqm (Sqm)		169.152 Sqm (Square Meter)	
Amount					169.152 X 169.09164401678		28602.19	

9. Concrete (AR0307a) : Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum

Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain slab	3.000	1.100	1.400	0.100	0.000	0.462	-
Total Quantity					0.462 cum (cum)		0.462 Cum (Cubic Meter)	
Amount					0.462 X 7666.9194233		3542.12	

10. Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface

Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Door	2.000	1.200	2.100	0.000	2.250	11.340	-
ii	window	4.000	1.100	1.100	0.000	2.750	13.310	-
Total Quantity					24.65 Sqm (Sqm)		24.65 Sqm (Square Meter)	
Amount					24.65 X 230.40794611353		5679.56	
Total Amount							224996.17	

Addition

Provision for PH Work (+) @								
Provision for EI Work (+) @							9300.00	
Provision for Contingency (+) @							2249.96	
Display Citizen Board (+) @							4953.86	
Any Other Lumpsum (+) @							8500.00	
Provision for survey investigation and quality control (+) @								
Total Addition							25003.82	
Grand Net Total Amount							249999.99	

KAMALAKANT BARIK
JE
Chitrakonda Block

ER DIBYA RANJAN MEHER
AEE
Chitrakonda Block

PRITA KUMAR
BDO
Chitrakonda Block