

Detailed Estimate

OD/346/3309/116324/393745/00064825 : Repair & Maint. of Chahalima UGUPS

Block : Soro, Gram Panchayat : Natapada

Created By: Taruna Kumar Nandi

1. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	room	2.000	38.000	0.500	0.000	0.000	38.000	-
ii	verandah	1.000	23.660	0.500	0.000	0.000	11.830	-
iii	door	1.000	3.500	0.500	0.000	0.000	1.750	-
Total Quantity					51.58 Sft (Square Foot)		4.79193674 Sqm (Square Meter)	
Amount					4.79193674 X 50.174193548387		240.43	
2. Site Clearance (AR1425) : Scarping Plaster in Lime or Cement Mortar from Brick/ Stone Masonry								
Scarping Plaster in Lime or Cement Mortar from Brick/ Stone Masonry including T&P, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 1000 metres and as per direction of Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Inside room	169.162	9.500	0.000	0.000	0.000	1607.040	-
ii	Out side	87.450	11.000	0.000	0.000	0.000	961.950	-
iii	Door & window	56.797	4.000	0.000	0.000	0.000	227.188	-
Total Quantity					2796.1784 Sft (Square Foot)		259.7733618952 Sqm (Square Meter)	
Amount					259.7733618952 X 20.6477936		5363.75	
3. Other Building Items. (AR1901Ba) : Vitrified Tile 600mmx600mm Coloured /Printed								

Supplying, fitting & fixing Vitrified Tile 600mmx600mm Coloured /Printed series(Homogeneous) 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 work all materials, taxes, labor, T&P , etc. complete as per direction of Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Room	1.000	22.000	16.000	0.000	0.000	352.000	-	
ii	Door sill	1.000	3.500	0.830	0.000	0.000	2.905	-	
iii	Verandah	1.000	23.660	8.830	0.000	0.000	208.918	-	
iv	CoOlnun	3.000	0.830	0.830	0.000	0.000	-	2.067	
v	Step	1.000	23.660	0.830	0.000	0.000	19.638	-	
Total Quantity					581.3939 Sft (Square Foot)		54.0132374917 Sqm (Square Meter)		
Amount					54.0132374917 X 1064.852372901		57516.12		

4. Flooring (AR0816jk) : Fixing Chequred Tiles in floor, treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (For repair and maintenance).

Fixing Chequred Tiles 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 Chequred tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge(For repair and maintenance) .

SI No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Ramp	1.000	3.500	7.000	0.000	0.000	24.500	-	
Total Quantity					24.5 Sft (Square Foot)		2.2761235 Sqm (Square Meter)		
Amount					2.2761235 X 985.960298857		2244.17		

5. Flooring (AR0817bb) : Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Coloured /Printed series(Homogeneous) in wall cladding/ glazed tiles 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 Coloured /Printed series(Homogeneous) in wall cladding/ glazed tiles 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Room	1.000	38.000	1.000	0.000	0.000	38.000	-
ii	Door	1.000	3.500	0.500	0.000	0.000	-	1.750
iii	Verandah	23.660	0.500	0.000	0.000	0.000	11.830	-
iv	Column	3.000	4.000	0.830	0.500	0.000	4.980	-
v	Plinth	1.000	23.660	1.000	0.000	0.000	23.660	-
Total Quantity					76.72 Sft (Square Foot)		7.12751816 Sqm (Square Meter)	
Amount					7.12751816 X 1178.901445742		8402.64	

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	As per Dismntling Cement plaster	1.000	51.580	1.000	0.000	0.000	51.580	-
Total Quantity					51.58 Sft (Square Foot)		4.79193674 Sqm (Square Meter)	
Amount					4.79193674 X 257.29421043		1232.94	

7. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum

Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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. complete as per specifaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Maintaining slope	1.000	85.384	1.000	0.000	0.000	85.384	-

Total Quantity	85.3842 Cft (Cubic Foot)	2.41780731456 Cum (Cubic Meter)
Amount	2.41780731456 X 7474.4161503	18071.70

8. Painting (AR0918hk) : Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work(Outside)(For repair and maintenance).

Finishing wall with two coats weather coat paint of approved shade including one coat of water 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)(For repair and maintenance).

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Out side	1.000	961.950	1.000	0.000	0.000	961.950	-
Total Quantity					961.95 Sft (Square Foot)		89.36804085 Sqm (Square Meter)	
Amount					89.36804085 X 163.15169993831		14580.55	

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)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Inside	1.000	1607.040	1.000	0.000	0.000	1607.040	-
Total Quantity					1607.04 Sft (Square Foot)		149.29883712 Sqm (Square Meter)	
Amount					149.29883712 X 94.7556308125		14146.91	

10. Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)

Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	In side	1.000	1607.040	1.000	0.000	0.000	1607.040	-
ii	Out side	1.000	961.950	1.000	0.000	0.000	961.950	-

Total Quantity	2568.99 Sft (Square Foot)	238.66687797 Sqm (Square Meter)
Amount	238.66687797 X 71.83450682471	17144.52

11. Painting (AR0905ak) : Painting two coats of enamel paint with a coat of wood primer on old wood work in inner surface paint (Inside)(For repair and maintenance) .

Painting two coats of enamel paint with a coat of wood primer on old wood work in inner surface paint including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)(For repair and maintenance).

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Door & window	1.000	227.188	1.000	0.000	0.000	227.188	-
Total Quantity					227.1875 Sft (Square Foot)		21.1064003125 Sqm (Square Meter)	
Amount					21.1064003125 X 238.24980346129		5028.60	

12. 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	22.000	16.000	0.000	0.000	352.000	-
ii	Verandah	1.000	23.660	8.830	0.000	0.000	208.918	-
iii	Column	3.000	0.830	0.830	0.000	0.000	-	2.067
iv	Door sill	1.000	3.500	0.830	0.000	0.000	2.905	-
Total Quantity					561.7561 Sft (Square Foot)		52.1888269583 Sqm (Square Meter)	
Amount					52.1888269583 X 100.34838709677		5237.06	
Total Amount							149209.38	
Addition								

Provision for PH Work (+) @	0.00
Provision for EI Work (+) @	
Provision for Contingency (+) @	500.00
Display Citizen Board (+) @	290.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
Total Addition	790.00
Grand Net Total Amount	149999.38

Taruna Kumar Nandi
JE
Soro Block

Nirmala Kanta Parida
AEE
Soro Block

Satyanath Naik
BDO
Soro Block