

Detailed Estimate

OD/346/3309/116317/393979/00063520 : Repair and restoration of Kedarpur -4 AWC
Block : Soro, Gram Panchayat : Kedarpur
Created By: Monalisa Pati

1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift								
Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	2.000	16.000	0.230	0.200	0.000	1.472	-
ii	Cut Off	2.000	7.500	0.250	0.200	0.000	0.750	-
iii	Cut off	2.000	8.800	0.250	0.200	0.000	0.880	-
Total Quantity					3.102 cum (cum)		3.102 Cum (Cubic Meter)	
Amount					3.102 X 240.77592		746.89	
2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed								
Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours 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	Cut Off	2.000	16.000	0.230	0.050	0.000	0.368	-
ii	Cut Off	2.000	7.300	0.230	0.050	0.000	0.168	-
iii	Cut Off	2.000	8.800	0.230	0.050	0.000	0.202	-
iv	Base	1.000	16.000	1.040	0.100	0.000	1.664	-
v	Base	2.000	7.300	0.500	0.100	0.000	0.730	-
vi	Base	2.000	8.800	0.500	0.100	0.000	0.880	-
Total Quantity					4.0123 cum (cum)		4.0123 Cum (Cubic Meter)	

Amount						4.0123 X 1493.995232	5994.36	
3. 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	Cut off	2.000	16.000	0.230	0.200	0.000	1.472	-
ii	Cut off	2.000	7.300	0.230	0.200	0.000	0.672	-
iii	Cut off	2.000	8.800	0.230	0.200	0.000	0.810	-
iv	Base	1.000	16.000	1.040	0.100	0.000	1.664	-
v	Base	2.000	7.300	0.500	0.100	0.000	0.730	-
vi	Base	2.000	8.800	0.500	0.100	0.000	0.880	-
Total Quantity						6.2272 cum (cum)	6.2272 Cum (Cubic Meter)	
Amount						6.2272 X 6090.04545374	37923.93	
4. 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	Cut off	2.000	16.000	0.200	2.000	0.000	12.800	-
ii	Cut off	2.000	7.300	0.200	2.000	0.000	5.840	-
iii	Cut off	2.000	8.800	0.200	2.000	0.000	7.040	-
Total Quantity						25.68 Sqm (Sqm)	25.68 Sqm (Square Meter)	
Amount						25.68 X 216.32323228746	5555.18	

5. 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	Floor	1.000	6.700	3.600	0.000	0.000	24.120	-
ii	Floor	1.000	1.800	1.800	0.000	0.000	3.240	-
iii	Floor	1.000	1.800	4.870	0.000	0.000	8.766	-
iv	Floor	1.000	2.100	1.800	0.000	0.000	3.780	-
v	Floor	2.000	6.700	0.150	0.000	0.000	2.010	-
vi	Floor	2.000	3.600	0.150	0.000	0.000	1.080	-
vii	Foor	2.000	4.870	0.150	0.000	0.000	1.461	-
viii	Floor	2.000	1.800	0.150	0.000	0.000	0.540	-
ix	Floor	2.000	1.800	0.150	0.000	0.000	0.540	-
x	Floor	2.000	2.100	0.150	0.000	0.000	0.630	-
xi	Floor	4.000	1.800	0.150	0.000	0.000	1.080	-
Total Quantity					47.247 Sqm (Sqm)		47.247 Sqm (Square Meter)	
Amount					47.247 X 1531.949359036		72380.01	

6. Painting (AR0919) : Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside)

Finishing wall One Coat with plastic emulsion paint of approved shades on old 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 Qty	171.810	0.000	0.000	0.000	0.000	171.810	-
Total Quantity					171.81 Sqm (Sqm)		171.81 Sqm (Square Meter)	

Amount						171.81 X 61.2232611525	10518.77	
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 specificaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Base	1.000	16.000	1.500	0.100	0.000	2.400	-
ii	Base	2.000	7.300	0.750	0.100	0.000	1.095	-
iii	Base	2.000	8.800	0.750	0.100	0.000	1.320	-
Total Quantity					4.815 cum (cum)		4.815 Cum (Cubic Meter)	
Amount						4.815 X 7138.83386138	34373.49	
8. Painting (AR0901b) : Priming one coat in inner surface with primer of approved quality over iron work.								
Priming one coat in inner surface with primer of approved quality over iron work 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	Door	0.000	0.000	0.000	0.000	0.000	1.000	-
ii	Grill	2.250	1.200	2.000	0.000	0.000	5.400	-
iii	Door	2.250	1.200	1.200	0.000	0.000	3.240	-
iv	Door	2.250	1.000	2.000	0.000	0.000	4.500	-
v	Window	2.000	0.750	2.000	0.000	0.000	3.000	-
vi	Window	2.750	1.200	1.200	0.000	0.000	3.960	-
vii	Window	2.750	0.900	1.200	0.000	0.000	2.970	-
Total Quantity					24.07 Sqm (Sqm)		24.07 Sqm (Square Meter)	
Amount						24.07 X 66.11573166851	1591.41	

9. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall	2.000	6.700	3.000	0.000	0.000	40.200	-
ii	Wall	2.000	3.600	3.000	0.000	0.000	21.600	-
iii	Wall	2.000	1.800	3.000	0.000	0.000	10.800	-
iv	Wall	2.000	4.870	3.000	0.000	0.000	29.220	-
v	Wall	2.000	2.100	3.000	0.000	0.000	12.600	-
vi	Wall	2.000	1.800	3.000	0.000	0.000	10.800	-
vii	Wall	4.000	1.200	2.000	0.000	0.000	9.600	-
viii	Wall	4.000	1.800	2.000	0.000	0.000	14.400	-
ix	Wall	1.000	6.700	3.600	0.000	0.000	24.120	-
x	Wall	1.000	1.800	1.800	0.000	0.000	3.240	-
xi	Wall	1.000	1.800	4.870	0.000	0.000	8.766	-
xii	Wall	1.000	2.100	1.800	0.000	0.000	3.780	-
xiii	Wall	2.000	7.160	3.300	0.000	0.000	47.256	-
xiv	Wall	2.000	6.600	3.300	0.000	0.000	43.560	-
xv	Door	1.000	1.200	2.000	0.000	0.000	-	2.400
xvi	Grill	1.000	1.200	1.200	0.000	0.000	-	1.440
xvii	Door	2.000	1.000	2.000	0.000	0.000	-	4.000
xviii	Door	2.000	0.750	2.000	0.000	0.000	-	3.000
xix	Window	3.000	1.200	1.200	0.000	0.000	-	4.320

xx	Window	2.000	0.900	1.200	0.000	0.000	-	2.160
Total Quantity					262.622 Sqm (Sqm)		262.622 Sqm (Square Meter)	
Amount					262.622 X 71.83248932951		18864.79	
10. Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer								
Finishing wall surface two coats with weather coat with one coat oilbound 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)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Qty Outside	50.820	0.000	0.000	0.000	0.000	50.820	-
Total Quantity					50.82 Sqm (Sqm)		50.82 Sqm (Square Meter)	
Amount					50.82 X 156.85349521701		7971.29	
11. 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	Qnt of door and window	13.500	0.000	0.000	0.000	0.000	13.500	-
Total Quantity					13.5 Sqm (Sqm)		13.5 Sqm (Square Meter)	
Amount					13.5 X 230.34345832053		3109.64	
Total Amount							199029.75	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							770.25	

Display Citizen Board (+) @	200.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
Total Addition	970.25
Grand Net Total Amount	200000.00

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