

Detailed Estimate

OD/346/3305/116247/393092/00065361 : Repair and restoration of Durgapur AWC building
Block : Nilgiri, Gram Panchayat : Narasinghpur
Created By: Bharat Singh

1. 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	25.500	21.500	0.000	0.000	548.250	-
ii		1.000	7.830	9.830	0.000	0.000	76.969	-
Total Quantity					625.2189 Sft (Square Foot)		58.0847114667 Sqm (Square Meter)	
Amount					58.0847114667 X 112.89193548387		6557.30	
2. Dismantling (AR1612) : First floor								
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	1.000	22.660	12.000	0.000	0.000	271.920	-
ii	kitchen	1.000	7.000	7.160	0.000	0.000	50.120	-
iii		1.000	5.000	5.000	0.000	0.000	25.000	-
iv		1.000	17.830	6.830	0.000	0.000	121.779	-
v		1.000	4.000	0.830	0.000	0.000	3.320	-
vi		2.000	3.500	0.830	0.000	0.000	5.810	-
vii		1.000	3.000	0.830	0.000	0.000	2.490	-
viii		2.000	0.830	0.830	0.000	0.000	-	1.378

Total Quantity	479.0611 Sft (Square Foot)	44.5062133733 Sqm (Square Meter)
Amount	44.5062133733 X 105.36580645161	4689.43

3. Concrete (AR0318) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken)

4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specifaion and direction of Engineer-in charge. (Old Work)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	25.500	21.500	0.000	0.000	548.250	-
ii		1.000	7.830	9.830	0.000	0.000	76.969	-
Total Quantity					625.2189 Sft (Square Foot)		58.0847114667 Sqm (Square Meter)	
Amount					58.0847114667 X 767.593845666		44585.47	

4. Flooring (AR0816a) : Fixing Marble Tiles in floor, treads or steps and landing of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm Above 0.10 Sqm. to 0.40 Sqm on a 25mm thick bed of cement mortar 1:1

Fixing Marble Tiles in floor, treads or steps and landing of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm Above 0.10 Sqm. to 0.40 Sqm 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 marble tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	22.660	12.000	0.000	0.000	271.920	-
ii		1.000	7.000	7.160	0.000	0.000	50.120	-
iii		1.000	5.000	5.000	0.000	0.000	25.000	-
iv		1.000	20.830	6.830	0.000	0.000	142.269	-
v		1.000	6.000	0.830	0.000	0.000	4.980	-
vi		2.000	3.500	0.830	0.000	0.000	5.810	-
vii		1.000	6.750	2.000	0.000	0.000	13.500	-

viii		3.000	4.580	2.000	0.000	0.000	27.480	-
ix		2.000	20.830	0.830	0.000	0.000	34.578	-
x		3.000	0.830	0.830	0.000	0.000	-	2.067
Total Quantity					573.59 Sft (Square Foot)		53.28823177 Sqm (Square Meter)	
Amount					53.28823177 X 1830.608915447		97549.91	

5. Flooring (AR0817ak) : Fixing Marble Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in dados , skirting and risers of steps on 12mm thick cement plaster (1:3)(For repair and main

Fixing Marble Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) 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 Marble 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		2.000	34.660	0.000	0.500	0.000	34.660	-
ii		2.000	14.160	0.000	0.500	0.000	14.160	-
iii		2.000	12.000	0.000	0.500	0.000	12.000	-
iv		2.000	12.330	0.000	0.500	0.000	12.330	-
v		2.000	1.660	0.580	0.000	0.000	1.926	-
vi		2.000	3.000	2.000	0.000	0.000	12.000	-
vii		2.000	1.660	2.000	0.000	0.000	6.640	-
viii		3.000	4.160	0.500	0.000	0.000	6.240	-
ix		1.000	5.410	0.750	0.000	0.000	4.058	-
x		2.000	1.410	0.800	0.000	0.000	2.256	-
xi		1.000	3.000	0.580	0.000	0.000	1.740	-
xii		2.000	4.000	0.500	0.000	0.000	-	4.000

xiii		2.000	2.000	3.500	0.500	0.000	-	7.000
xiv		2.000	3.000	0.500	0.000	0.000	-	3.000
Total Quantity					94.0091 Sft (Square Foot)		8.7337274173 Sqm (Square Meter)	
Amount					8.7337274173 X 1323.280389131		11557.17	

6. Flooring (AR0817ap) : Fixing Chequered Tiles in dados skirting and risers of steps on 12mm thick cement plaster (1:3)

Fixing Chequered Tiles 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 Chequered tiles including rubbing and polishing complete including cost of precast tiles.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	4.160	3.000	0.000	0.000	12.480	-
ii		1.000	4.160	1.910	0.000	0.000	7.946	-
iii		1.000	4.160	2.000	0.000	0.000	8.320	-
iv		1.000	8.000	4.000	0.000	0.000	32.000	-
v		1.000	4.410	1.410	0.000	0.000	6.218	-
Total Quantity					66.9637 Sft (Square Foot)		6.2211286211 Sqm (Square Meter)	
Amount					6.2211286211 X 1117.43200825		6951.69	

7. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	8.000	4.580	3.000	0.000	109.920	-
Total Quantity					109.92 Cft (Cubic Foot)		3.112582656 Cum (Cubic Meter)	

Amount					3.112582656 X 855.776232		2663.67	
8. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	23.410	0.830	0.330	0.000	6.412	-
ii		1.000	8.000	4.580	0.330	0.000	12.091	-
iii		1.000	23.410	2.830	0.330	0.000	21.863	-
Total Quantity					40.365798 Cft (Cubic Foot)		1.1430302288064 Cum (Cubic Meter)	
Amount					1.1430302288064 X 6224.1118902		7114.35	
9. Flooring (AR0820) : 2.5 cm. Damp proof course with C.C. (1:2:4) using 12mm. Size hard broken(crusher broken) granite Chips								
2.5 cm. Damp proof course with C.C. (1:2:4) using 12mm. Size hard broken(crusher broken) granite Chips including curing for seven days 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	8.000	4.580	0.000	0.000	36.640	-
ii		1.000	23.410	2.830	0.000	0.000	66.250	-
iii		2.000	0.500	3.500	6.500	0.000	22.750	-
iv		1.000	0.500	3.000	6.500	0.000	9.750	-
v		2.000	0.500	4.000	4.000	0.000	16.000	-
vi		2.000	0.500	3.410	4.000	0.000	13.640	-
vii		2.000	0.500	3.000	4.000	0.000	12.000	-
Total Quantity					177.0303 Sft (Square Foot)		16.4466459609 Sqm (Square Meter)	

Amount					16.4466459609 X 357.0690837024		5872.59	
10. Painting (AR0905) : Painting two coats of enamel on old wood work in inner surface paint								
Painting two coats of enamel paint on old wood work in inner surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	2.000	4.000	6.500	0.000	52.000	-
ii		2.000	2.000	3.500	6.500	0.000	91.000	-
iii		1.000	2.000	3.000	6.500	0.000	39.000	-
iv		2.000	2.250	4.000	4.000	0.000	72.000	-
v		1.000	2.250	3.410	4.000	0.000	30.690	-
vi		1.000	2.250	3.000	4.000	0.000	27.000	-
Total Quantity					311.69 Sft (Square Foot)		28.95693607 Sqm (Square Meter)	
Amount					28.95693607 X 164.23523221452		4755.75	
Total Amount							192297.33	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @							4702.00	
Provision for Contingency (+) @							2000.00	
Display Citizen Board (+) @							1000.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							7702.00	
Grand Net Total Amount							199999.33	

Bharat Singh
JE
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M Mohanty
AEE
Nilgiri Block

Bikram Kishore Parida
BDO
Nilgiri Block