

Detailed Estimate

OD/370/3547/121111/425253/00108806 : MAINTANANCE OF AWC MARICHAPADU OF DUKUM

Block : Bissamcuttack, Gram Panchayat : Dukum

Created By: JHARANA TRIPATHY

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.									
SI No	Description	No	L	B	D	CF	Quantity	Deduction	
i	AWC ROOM	1.000	6.000	3.600	0.000	0.000	21.600	-	
ii	VERANDAH	1.000	6.650	1.800	0.000	0.000	11.970	-	
iii	KITCHEN	1.000	3.600	2.350	0.000	0.000	8.460	-	
Total Quantity							42.03 Sqm (Sqm)	42.03 Sqm (Square Meter)	
Amount							42.03 X 100.34838709677	4217.64	
2. 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	BACK SIDE	1.000	9.250	3.300	0.000	0.000	30.525	-	
Total Quantity							30.525 Sqm (Sqm)	30.525 Sqm (Square Meter)	
Amount							30.525 X 50.174193548387	1531.57	
3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal									
Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	KITCHEN FRONT STEP	1.000	1.150	0.800	0.100	0.000	0.092	-	
ii		1.000	1.150	0.300	0.100	0.000	0.035	-	

iii	RAMP	1.000	1.500	0.900	0.225	0.000	0.304	-
iv		1.000	1.650	1.400	0.225	0.000	0.520	-
v	STEPS	2.000	6.000	0.300	0.200	0.000	0.720	-
Total Quantity					1.67 cum (cum)		1.67 Cum (Cubic Meter)	
Amount					1.67 X 5115.12342842		8542.26	

4. 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	AWC FRONT CC	1.000	4.500	2.600	0.070	0.000	0.819	-
ii		1.000	6.700	2.750	0.070	0.000	1.290	-
iii		1.000	8.600	2.600	0.070	0.000	1.565	-
Total Quantity					3.67395 cum (cum)		3.67395 Cum (Cubic Meter)	
Amount					3.67395 X 6855.68027654		25187.43	

5. Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory

Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory 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 materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	AWC ROOM	1.000	6.000	3.600	0.000	0.000	21.600	-
ii	VERANDAH	1.000	6.650	1.800	0.000	0.000	11.970	-
iii	KITCHEN	1.000	3.600	2.350	0.000	0.000	8.460	-
iv	STEPS	1.000	2.500	0.300	0.000	0.000	0.750	-
v	RAMP	1.000	1.500	0.900	0.000	0.000	1.350	-
vi	TOILET	2.000	2.100	1.150	0.000	0.000	4.830	-

Total Quantity	48.96 Sqm (Sqm)	48.96 Sqm (Square Meter)
Amount	48.96 X 1010.1591990482	49457.39

6. Flooring (AR0817ab) : 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)

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	HALL	2.000	6.000	0.000	0.125	0.000	1.500	-
ii		2.000	3.600	0.000	0.125	0.000	0.900	-
iii	VERANDAH	1.000	6.650	0.000	0.125	0.000	0.831	-
iv	KITCHEN	2.000	3.600	0.000	0.125	0.000	0.900	-
v		2.000	2.350	0.000	0.125	0.000	0.588	-
Total Quantity					4.71875 Sqm (Sqm)		4.71875 Sqm (Square Meter)	
Amount					4.71875 X 1577.325167466		7443.00	

7. Plastering (AR1014ik) : 16mm thick cement Plaster in CM (1:6) over brick work in outside (Outside)(For repair and maintenance).

16mm thick cement Plaster in CM (1:6) over brick work in outside 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(For repair and maintenance).

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	BACK SIDE	1.000	9.250	3.300	0.000	0.000	30.525	-
Total Quantity					30.525 Sqm (Sqm)		30.525 Sqm (Square Meter)	
Amount					30.525 X 248.434751414		7583.47	

8. Painting (AR0901dik) : Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces (outer surface)(For repair and maintenance) .

Priming one coat with outer 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.(For repair and maintenance).

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	LW	2.000	9.250	0.000	3.200	0.000	59.200	-
ii	SW	2.000	4.060	0.000	3.200	0.000	25.984	-
iii	HALL	2.000	6.000	0.000	3.000	0.000	36.000	-
iv		2.000	3.600	0.000	3.000	0.000	21.600	-
v	CEILING	1.000	6.000	3.600	0.000	0.000	21.600	-
vi	KITCHEN	2.000	3.600	0.000	3.000	0.000	21.600	-
vii		2.000	2.350	0.000	3.000	0.000	14.100	-
viii	CEILING	1.000	3.600	2.350	0.000	0.000	8.460	-
ix	VERANDAH	1.000	6.650	1.800	0.000	0.000	11.970	-
x	DOOR	2.000	1.050	0.000	2.100	0.000	-	4.410
xi	DOOR	1.000	0.900	0.000	2.100	0.000	-	1.890
xii	WINDOW	3.000	0.900	0.000	1.200	0.000	-	3.240
Total Quantity					210.974 Sqm (Sqm)		210.974 Sqm (Square Meter)	
Amount					210.974 X 74.026840824516		15617.74	

9. Painting (AR0920k) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside)(For Repair and maintenance)

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)(For Repair and maintenance)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	LW	2.000	9.250	0.000	3.200	0.000	59.200	-
ii	SW	2.000	4.060	0.000	3.200	0.000	25.984	-
iii	HALL	2.000	6.000	0.000	3.000	0.000	36.000	-

iv		2.000	3.600	0.000	3.000	0.000	21.600	-	
v	CEILING	1.000	6.000	3.600	0.000	0.000	21.600	-	
vi	KITCHEN	2.000	3.600	0.000	3.000	0.000	21.600	-	
vii		2.000	2.350	0.000	3.000	0.000	14.100	-	
viii	CEILING	1.000	3.600	2.350	0.000	0.000	8.460	-	
ix	VERANDAH	1.000	6.650	1.800	0.000	0.000	11.970	-	
x	DOOR	2.000	1.050	0.000	2.100	0.000	-	4.410	
xi	DOOR	1.000	0.900	0.000	2.100	0.000	-	1.890	
xii	WINDOW	3.000	0.900	0.000	1.200	0.000	-	3.240	
Total Quantity					210.974 Sqm (Sqm)		210.974 Sqm (Square Meter)		
Amount					210.974 X 96.0324829125		20260.36		

10. Painting (AR0903k) : Painting two coats of enamel paint in inner surface paint (Inner surface)(For repair and maintenance).

Painting two coats of enamel paint 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)(For repair and maintenance)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	DOOR	2.000	1.050	0.000	2.100	2.250	9.923	-	
ii	DOOR	1.000	0.900	0.000	2.100	2.250	4.253	-	
iii	WINDOW	3.000	0.900	0.000	1.200	2.750	8.910	-	
Total Quantity					23.085 Sqm (Sqm)		23.085 Sqm (Square Meter)		
Amount					23.085 X 167.00818293831		3855.38		

Total Amount (A) : 143696.24

Additional Components

#	Item Name	Remark	Amount (in Rs.)
---	-----------	--------	-----------------

1	Provision for Contingency @ Rs.1500	-	1500
2	Display Citizen Board @ Rs.1500	-	1500
3	Any Other Lumpsum @ Rs.3303	Misc.	3303
			Additional Components Amount (F) : 6303

			Grand Total Amount (A + F) : 149999.24062071
--	--	--	--

JHARANA TRIPATHY
JE
Bissamcuttack Block

SRI RAMESH CHANDRA SAHU
AEE
Bissamcuttack Block

SRI SIBA PRASAD PATNAIK
BDO
Bissamcuttack Block