

Detailed Estimate

OD/346/3298/116045/393943/00064015 : REPAIR AND RESTORATION OF BALLA PADHI SAHI AWC BUILDING

Block : Bahanaga, Gram Panchayat : Aruhabad

Created By:KISAN KUMAR MURMU

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 Wall	2.000	46.000	0.750	0.500	1.000	34.500	-	
ii	Cut off W	1.000	10.000	0.750	0.500	1.000	3.750	-	
iii	Cut off W	1.000	12.000	0.750	0.500	1.000	4.500	-	
Total Quantity					42.75 Cft (Cubic Foot)		1.2105432 Cum (Cubic Meter)		
Amount					1.2105432 X 240.77592		291.47		
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 of Wall	2.000	46.000	0.750	0.160	1.000	11.040	-	
ii	Cut of Wa	1.000	10.000	0.750	0.160	1.000	1.200	-	
iii	Cut of W	1.000	12.000	0.750	0.160	1.000	1.440	-	
iv	Base	1.000	46.000	3.500	0.330	1.000	53.130	-	
v	Base	1.000	27.000	8.750	0.330	1.000	77.963	-	
Total Quantity					144.7725 Cft (Cubic Foot)		4.099493928 Cum (Cubic Meter)		

Amount	4.099493928 X 1447.535232	5934.16
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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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off wall	2.000	46.000	0.750	0.830	1.000	57.270	-
ii	Cut off wa	1.000	10.000	0.750	0.830	1.000	6.225	-
iii	Cut off wa	1.000	12.000	0.750	0.830	0.000	7.470	-
iv	Base	1.000	46.000	3.500	0.330	1.000	53.130	-
v	Base	1.000	27.000	8.850	0.330	1.000	78.854	-
Total Quantity					202.9485 Cft (Cubic Foot)		5.7468520848 Cum (Cubic Meter)	
Amount					5.7468520848 X 6275.7793492		36065.98	

4. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Base	1.000	46.000	5.000	1.000	1.000	230.000	-
ii	Base	1.000	27.000	9.500	1.000	1.000	256.500	-
iii	varandah	1.000	18.600	6.330	1.000	1.000	117.738	-
iv	Room	1.000	22.000	12.000	1.000	1.000	264.000	-
v	Kitchen	1.000	7.000	6.000	1.000	1.000	42.000	-

Total Quantity	910.238 Sft (Square Foot)	84.563840914 Sqm (Square Meter)
Amount	84.563840914 X 1191.800169882	100783.20

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Varandah	1.000	18.600	1.000	0.500	1.000	9.300	-
ii	Room	2.000	22.000	1.000	0.500	1.000	22.000	-
iii	room	2.000	12.000	1.000	0.500	1.000	12.000	-
iv	Door	3.000	3.500	1.000	0.500	1.000	-	5.250
Total Quantity					38.05 Sft (Square Foot)		3.53495915 Sqm (Square Meter)	
Amount					3.53495915 X 1536.300344601		5430.76	

6. 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	Door	2.000	3.500	1.000	6.500	1.000	-	45.500
ii	Window	2.000	3.500	1.000	3.500	1.000	-	24.500
iii	room out side	2.000	32.000	2.000	11.000	1.000	1408.000	-
iv	C/W	2.000	14.000	2.000	11.000	1.000	616.000	-
v	C/W	2.000	6.000	2.000	11.000	1.000	264.000	-

Total Quantity			2218 Sft (Square Foot)				206.058854 Sqm (Square Meter)	
Amount			206.058854 X 71.83248932951				14801.72	
7. 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	Door	2.000	3.500	1.000	6.500	1.000	-	45.500
ii	Window	2.000	3.500	1.000	3.500	1.000	-	24.500
iii	room out side	2.000	32.000	2.000	11.000	1.000	1408.000	-
iv	C/W	2.000	14.000	2.000	11.000	1.000	616.000	-
v	C/W	2.000	6.000	2.000	11.000	1.000	264.000	-
Total Quantity			2218 Sft (Square Foot)				206.058854 Sqm (Square Meter)	
Amount			206.058854 X 156.85349521701				32321.05	
Total Amount							195628.34	
Addition								
Provision for PH Work (+) @							300.00	
Provision for EI Work (+) @								
Provision for Contingency (+) @							2000.00	
Display Citizen Board (+) @							2000.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							4300.00	

Grand Net Total Amount	199928.34
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KISAN KUMAR MURMU
JE
Bahanaga Block

Laxmikant Das
AEE
Bahanaga Block

Subhashree Tudu
BDO
Bahanaga Block