

Analysis

OD/346/3305/116235/393304/00065363 : Repair and restoration of Bhalukaposi AWC building

Block : Nilgiri, Gram Panchayat : Chatrapur

Created By: Bikram Kishore Parida

Item 1

Dismantling (AR1613): 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.

Sub-Item of Work

Removing old lime or cement plaster

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	1	Per day	462	462	0

Total Amount (a+b+c)

462

Total GST (a)

0

OVERHEAD CHARGES @ 7.5% (+)

34.65

CONTRACTOR PROFIT @ 7.5% (+)

37.24875

LABOUR CESS @ 1% (+)

5.3389875

Grand Total

539.2377375

Say For Unit 1 (Grand Total/9.3)

57.982552419355

Item 2

Plastering (AR1004): 12mm thick cement plaster (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.

Sub-Item of Work

First Floor

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.0515	Per day	462	23.793	0
LR001 : Male mulia	0.0721	Per day	462	33.3102	0
LR025 : Mason	0.1442	Per day	562	81.0404	0
BRM340 : Cement	0.0358	1 Qntl.	537.2	19.23176	3.4617168
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	76.88	1.1532	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0358	1 Qntl.	42.622	1.5258676	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	601.51	9.02265	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0358	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	442.25	6.63375	0

Total Amount (a+b+c)	175.7108276				
Total GST (a)	3.4617168				
OVERHEAD CHARGES @ 7.5% (+)	13.43794083				
CONTRACTOR PROFIT @ 7.5% (+)	14.44578639225				
LABOUR CESS @ 1% (+)	2.0705627162225				
Grand Total	209.12683433847				
Say For Unit 1 (Grand Total/1)	209.12683433847				

Item 3

Dismantling (AR1612): 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.

Sub-Item of Work

Dismantling and removing 2.5 cm. thick artificial stone flooring

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	1.25	Per day	462	577.5	0
LR001 : Male mulia	0.75	Per day	462	346.5	0

Total Amount (a+b+c)	924				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	69.3				
CONTRACTOR PROFIT @ 7.5% (+)	74.4975				
LABOUR CESS @ 1% (+)	10.677975				
Grand Total	1078.475475				
Say For Unit 1 (Grand Total/9.3)	115.96510483871				

Item 4

Concrete (AR0317): 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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 specification and direction of Engineer-in charge. (new work)

Sub-Item of Work
2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	0.36	Per day	462	166.32	0
LR044 : Mason	0.1	Per day	612	61.2	0
BRM340 : Cement	0.1208	1 Qntl.	537.2	64.89376	11.6808768
BRM028 : Screened and washed sharp sand for mortar	0.0169	1 Cum	76.88	1.299272	0
BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	1 Cum.	850.2	14.36838	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.1208	1 Qntl.	42.622	5.1487376	0
BRM028 : Screened and washed sharp sand for mortar	0.0169	1 Cum	601.51	10.165519	0
BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	1 Cum.	835.87	14.126203	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.1208	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.0169	1 Cum	442.25	7.474025	0
BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	1 Cum.	522.5	8.83025	0

Total Amount (a+b+c)	353.8261466
Total GST (a)	11.6808768
OVERHEAD CHARGES @ 7.5% (+)	27.413026755
CONTRACTOR PROFIT @ 7.5% (+)	29.469003761625
LABOUR CESS @ 1% (+)	4.2238905391662
Grand Total	426.61294445579
Say For Unit 1 (Grand Total/1)	426.61294445579

Item 5

Dismantling (AR1612): 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.

Sub-Item of Work
First floor

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	1.3125	Per day	462	606.375	0
LR001 : Male mulia	0.7875	Per day	462	363.825	0

Total Amount (a+b+c)					970.2
Total GST (a)					0
OVERHEAD CHARGES @ 7.5% (+)					72.765
CONTRACTOR PROFIT @ 7.5% (+)					78.222375
LABOUR CESS @ 1% (+)					11.21187375
Grand Total					1132.39924875
Say For Unit 1 (Grand Total/9.3)					121.76336008065

Item 6

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 (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.

Sub-Item of Work

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

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM118 : Marble Tiles of minimum 16 mm thick, dunguri Variety (Above 0.10 Sqm. to 0.40 Sqm)	10	1 Sqm.	677.95	6779.5	0
BRMMR0027 : Wax Polish	10	1 Sqm	8.5	85	0
LR001 : Male mulia	2.16	Per day	462	997.92	0
LR044 : Mason	2.16	Per day	612	1321.92	0
LR008 : Sangi mulia	5.5	Per day	512	2816	0
BRM340 : Cement	2.737	1 Qntl.	537.2	1470.3164	264.656952
BRM028 : Screened and washed sharp sand for mortar	0.13	1 Cum	76.88	9.9944	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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BRM118 : Marble Tiles of minimum 16 mm thick, dunguri Variety (Above 0.10 Sqm. to 0.40 Sqm)	10	1 Sqm.	21.0558341	210.558341	0
BRM340 : Cement	2.737	1 Qntl.	42.622	116.656414	0
BRM028 : Screened and washed sharp sand for mortar	0.13	1 Cum	601.51	78.1963	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM118 : Marble Tiles of minimum 16 mm thick, dunguri Variety (Above 0.10 Sqm. to 0.40 Sqm)	10	1 Sqm.	29.44	294.4	0
BRM340 : Cement	2.737	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.13	1 Cum	442.25	57.4925	0

Total Amount (a+b+c)	14237.954355
Total GST (a)	264.656952
OVERHEAD CHARGES @ 7.5% (+)	1087.695848025
CONTRACTOR PROFIT @ 7.5% (+)	1169.2730366269
LABOUR CESS @ 1% (+)	167.59580191652
Grand Total	16927.175993568
Say For Unit 1 (Grand Total/10)	1692.7175993568

Item 7

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) 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.

Sub-Item of Work

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)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B Ia) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	10	1 Sqm.	651.08	6510.8	0
BRMMR0027 : Wax Polish	10	1 Sqm	8.5	85	0
LR044 : Mason	3.25	Per day	612	1989	0
LR001 : Male mulia	3.25	Per day	462	1501.5	0
LR008 : Sangi mulia	7.6	Per day	512	3891.2	0

BRM340 : Cement	1.375	1 Qntl.	537.2	738.65	132.957
BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	76.88	11.532	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	10	1 Sqm.	21.0558341	210.558341	0
BRM340 : Cement	1.375	1 Qntl.	42.622	58.60525	0
BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	601.51	90.2265	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	10	1 Sqm.	0	0	0
BRM340 : Cement	1.375	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	442.25	66.3375	0

Total Amount (a+b+c)	15153.409591
Total GST (a)	132.957
OVERHEAD CHARGES @ 7.5% (+)	1146.477494325
CONTRACTOR PROFIT @ 7.5% (+)	1232.4633063994
LABOUR CESS @ 1% (+)	176.65307391724
Grand Total	17841.960465642
Say For Unit 1 (Grand Total/10)	1784.1960465642

Item 8

R.C.C. Work (AR0409): Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.

Sub-Item of Work

Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	8	Per day	462	3696	0
LR046 : Blacksmith	3	Per day	612	1836	0

LR010 : Mate	0.44	Per day	512	225.28	0
BRM162 : Binding Wire.	8	1 Kg.	90	720	0
BRM341 : Steel	10.5	1 Qntl.	6186.01	64953.105	11691.5589

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	10.5	1 Qntl.	42.622	447.531	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	10.5	1 Qntl.	0	0	0

Total Amount (a+b+c)	71877.916
Total GST (a)	11691.5589
OVERHEAD CHARGES @ 7.5% (+)	6267.7106175
CONTRACTOR PROFIT @ 7.5% (+)	6737.7889138125
LABOUR CESS @ 1% (+)	965.74974431313
Grand Total	97540.724175626
Say For Unit 1 (Grand Total/10)	9754.0724175626

Item 9

Painting (AR0903ik): Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)(For repair and maintenance).

Sub-Item of Work

Painting two coats of enamel paint in outer surface paint (outer surface)(For repair and maintenance) .

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR048 : Painter/ Polisher	1.275	Per day	612	780.3	0
LR001 : Male mulia	1.122	Per day	462	518.364	0
BRM141 : Enamel paint	1.1625	1 Litre	205.34	238.70775	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM141 : Enamel paint	1.1625	1 Litre	0.66402	0.77192325	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM141 : Enamel paint	1.1625	1 Litre	0	0	0

Total Amount (a+b+c)	1538.14367325
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Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	115.36077549375
CONTRACTOR PROFIT @ 7.5% (+)	124.01283365578
LABOUR CESS @ 1% (+)	17.775172823995
Grand Total	1795.2924552235
Say For Unit 1 (Grand Total/9.3)	193.0421994864

Item 10

Painting (AR0918g): Finishing wall with two coats weather coat paint of approved shade including one coat of oil 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)

Sub-Item of Work

Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work .(Outside)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
Combine :: Painting (AR0918f)					
BRM255 : Weather Coat (I.S.I.)	0.125	1 Ltr	194.79	24.34875	0
LR001 : Male mulia	0.064	Per day	462	29.568	0
LR048 : Painter/ Polisher	0.054	Per day	612	33.048	0
Combine :: Painting (AR0901ci)					
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	125.5	10.542	0
LR048 : Painter/ Polisher	0.053763440860215	Per day	612	32.903225806452	0
LR001 : Male mulia	0.053763440860215	Per day	462	24.838709677419	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	0.125	1 Ltr	0.66402	0.0830025	0
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	0.66402	0.05577768	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	0.125	1 Ltr	0	0	0
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	0	0	0

Total Amount (a+b+c)	155.38746566387
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	11.65405992479

CONTRACTOR PROFIT @ 7.5% (+)	12.52811441915
LABOUR CESS @ 1% (+)	1.7956964000781
Grand Total	181.36533640789
Say For Unit 1 (Grand Total/1)	181.36533640789

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