

Analysis

OD/346/3305/116234/393276/00064613 : repair and restoration of Tulasidiha awc building
Block : Nilgiri, Gram Panchayat : Bhaunriabad
Created By: Bikram Kishore Parida

Item 1
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 2
Dismantling (AR1620): 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.
Sub-Item of Work Dismantling and removing 2.5 cm thick grading concrete from roof

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	1.5	Per day	462	693	0
LR001 : Male mulia	0.75	Per day	462	346.5	0
Total Amount (a+b+c)				1039.5	
Total GST (a)					0
OVERHEAD CHARGES @ 7.5% (+)					77.9625
CONTRACTOR PROFIT @ 7.5% (+)					83.8096875
LABOUR CESS @ 1% (+)					12.012721875

Grand Total	1213.284909375
Say For Unit 1 (Grand Total/9.3)	130.46074294355

Item 3

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.	36.677	4.4305816	0
BRM028 : Screened and washed sharp sand for mortar	0.0169	1 Cum	406.21	6.864949	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.	861.91	14.566279	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)	350.2474966
Total GST (a)	11.6808768
OVERHEAD CHARGES @ 7.5% (+)	27.144628005
CONTRACTOR PROFIT @ 7.5% (+)	29.180475105375

LABOUR CESS @ 1% (+)	4.1825347651038
Grand Total	422.43601127548
Say For Unit 1 (Grand Total/1)	422.43601127548

Item 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 (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
BRM118 : Marble Tiles of minimum 16 mm thick, dunguri Variety (Above 0.10 Sqm. to 0.40 Sqm)	10	1 Sqm.	9.6011111	96.011111	0
BRM340 : Cement	2.737	1 Qntl.	36.677	100.384949	0
BRM028 : Screened and washed sharp sand for mortar	0.13	1 Cum	406.21	52.8073	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)	14081.74666
Total GST (a)	264.656952

OVERHEAD CHARGES @ 7.5% (+)	1075.9802709
CONTRACTOR PROFIT @ 7.5% (+)	1156.6787912175
LABOUR CESS @ 1% (+)	165.79062674117
Grand Total	16744.853300859
Say For Unit 1 (Grand Total/10)	1674.4853300859

Item 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) 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 la) 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.	9.6011111	96.011111	0
BRM340 : Cement	1.375	1 Qntl.	36.677	50.430875	0
BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	406.21	60.9315	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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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)	15001.392986
Total GST (a)	132.957
OVERHEAD CHARGES @ 7.5% (+)	1135.07624895
CONTRACTOR PROFIT @ 7.5% (+)	1220.2069676212
LABOUR CESS @ 1% (+)	174.89633202571
Grand Total	17664.529534597
Say For Unit 1 (Grand Total/10)	1766.4529534597

Item 6

Painting (AR0920a): Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)

Sub-Item of Work

Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work (Inside)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
Combine :: Painting (AR0920)					
BRM140 : Plastic Emulsion paint	0.125	1 Litre	249.34	31.1675	0
LR048 : Painter/ Polisher	0.054	Per day	612	33.048	0
LR001 : Male mulia	0.064	Per day	462	29.568	0
Combine :: Painting (AR0901c)					
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
BRM140 : Plastic Emulsion paint	0.125	1 Litre	0.54512	0.06814	0
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	0.54512	0.04579008	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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BRM140 : Plastic Emulsion paint	0.125	1 Litre	0	0	0
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	0	0	0

Total Amount (a+b+c)	162.18136556387
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	12.16360241729
CONTRACTOR PROFIT @ 7.5% (+)	13.075872598587
LABOUR CESS @ 1% (+)	1.8742084057975
Grand Total	189.29504898555
Say For Unit 1 (Grand Total/1)	189.29504898555

Item 7

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	0.54512	0.06814	0
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	0.54512	0.04579008	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)	155.36261556387
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Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	11.65219616729
CONTRACTOR PROFIT @ 7.5% (+)	12.526110879837
LABOUR CESS @ 1% (+)	1.79540922611
Grand Total	181.33633183711
Say For Unit 1 (Grand Total/1)	181.33633183711

Item 8

Painting (AR0903k): 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)

Sub-Item of Work

Painting two coats of enamel paint in inner surface paint (Inner 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	0.54512	0.633702	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)	1538.005452
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	115.3504089
CONTRACTOR PROFIT @ 7.5% (+)	124.0016895675
LABOUR CESS @ 1% (+)	17.773575504675
Grand Total	1795.1311259722
Say For Unit 1 (Grand Total/9.3)	193.02485225507

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