

Analysis

OD/346/3305/116251/393157/00064598 : repair and renovation of sajanagard Primary school
Block : Nilgiri, Gram Panchayat : Sajangarh
Created By: Bikram Kishore Parida

Item 1
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
LABOUR CESS @ 1% (+)					10.395
Grand Total					1049.895
Say For Unit 1 (Grand Total/9.3)					112.89193548387

Item 2
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.	521.52	62.999616	11.33993088
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.	30.732	3.7124256	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.	796.81	13.466089	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)	349.8355766					
Total GST (a)	11.33993088					
LABOUR CESS @ 1% (+)	3.6117550748					
Grand Total	364.7872625548					
Say For Unit 1 (Grand Total/1)	364.7872625548					

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 Second floor

a) Specific Rate Details						
Particular	Quantity	Unit	Rate	Amount	GST	
LR002 : Female mulia	1.378125	Per day	462	636.69375	0	
LR001 : Male mulia	0.826875	Per day	462	382.01625	0	
Total Amount (a+b+c)	1018.71					
Total GST (a)	0					
LABOUR CESS @ 1% (+)	10.1871					
Grand Total	1028.8971					
Say For Unit 1 (Grand Total/9.3)	110.63409677419					

Item 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 , 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.

Sub-Item of Work

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

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRMMR0027 : Wax Polish	10	1 Sqm	8.5	85	0
BRM130 : Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755	10	1 Sqm.	450.08	4500.8	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.	521.52	1427.40024	256.9320432
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
BRM130 : Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755	10	1 Sqm.	24.3286121	243.286121	0
BRM340 : Cement	2.737	1 Qntl.	30.732	84.113484	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
BRM130 : Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755	10	1 Sqm.	0	0	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)

11622.123045

Total GST (a)

256.9320432

LABOUR CESS @ 1% (+)

118.790550882

Grand Total	11997.845639082
Say For Unit 1 (Grand Total/10)	1199.7845639082

Item 5

Flooring (AR0817b): Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.

Sub-Item of Work

Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM129 : Tiles up to 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753	10	1 Sqm.	405.2	4052	0
LR001 : Male mulia	3.25	Per day	462	1501.5	0
LR044 : Mason	3.25	Per day	612	1989	0
BRM340 : Cement	1.375	1 Qntl.	521.52	717.09	129.0762
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
BRM129 : Tiles up to 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753	10	1 Sqm.	24.3286121	243.286121	0
BRM340 : Cement	1.375	1 Qntl.	30.732	42.2565	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
BRM129 : Tiles up to 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753	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)

8713.228621

Total GST (a)	129.0762
LABOUR CESS @ 1% (+)	88.42304821
Grand Total	8930.72786921
Say For Unit 1 (Grand Total/10)	893.072786921

Item 6

Painting (AR0901a): Priming one coat in inner surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.

Sub-Item of Work

Priming one coat in inner surface with primer of approved quality over woodwork

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR048 : Painter/ Polisher	0.5	Per day	612	306	0
BRM138 : Wood Primer	0.6975	1 Litre	155.08	108.1683	0
LR001 : Male mulia	0.5	Per day	462	231	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM138 : Wood Primer	0.6975	1 Litre	0.30732	0.2143557	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM138 : Wood Primer	0.6975	1 Litre	0	0	0

Total Amount (a+b+c)	645.3826557
Total GST (a)	0
LABOUR CESS @ 1% (+)	6.453826557
Grand Total	651.836482257
Say For Unit 1 (Grand Total/9.3)	70.08994432871

Item 7

Painting (AR0920): 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)

Sub-Item of Work

Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM140 : Plastic Emulsion paint	1.25	1 Litre	249.34	311.675	0

LR048 : Painter/ Polisher	0.54	Per day	612	330.48	0
LR001 : Male mulia	0.64	Per day	462	295.68	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM140 : Plastic Emulsion paint	1.25	1 Litre	0.30732	0.38415	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM140 : Plastic Emulsion paint	1.25	1 Litre	0	0	0

Total Amount (a+b+c)	938.21915
Total GST (a)	0
LABOUR CESS @ 1% (+)	9.3821915
Grand Total	947.6013415
Say For Unit 1 (Grand Total/10)	94.76013415

Item 8

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	0.78292	0.097865	0
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	0.30732	0.02581488	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)				155.37236536387	
Total GST (a)				0	
LABOUR CESS @ 1% (+)				1.5537236536387	
Grand Total				156.92608901751	
Say For Unit 1 (Grand Total/1)				156.92608901751	

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