

Analysis

**OD/365/3497/120202/391215/00078871 : BEAUTIFICATION WITH REPAIR AND
MAINTENANCE OF KALADAHU P SCHOOL UNDER KAPTIPADA G P
Block : Kaptipada, Gram Panchayat : Kaptipada
Created By:Reshma Tete**

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 (AR0318): 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specification and direction of Engineer-in charge. (Old Work)

Sub-Item of Work

4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	1.008	Per day	462	465.696	0
LR044 : Mason	0.165	Per day	612	100.98	0
BRM340 : Cement	0.1287	1 Qntl.	608	78.2496	14.084928
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	66.85	1.2033	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.	0.018	1 Cum.	850.2	15.3036	0
BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.018	1 Cum.	1396.62	25.13916	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.1287	1 Qntl.	30.732	3.952084	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	341.11	6.13998	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.	0.018	1 Cum.	796.81	14.34258	0
BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.018	1 Cum.	796.81	14.34258	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.1287	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	353.25	6.3585	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.	0.018	1 Cum.	579.5	10.431	0
BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.018	1 Cum.	579.5	10.431	0

Total Amount (a+b+c)	752.5725084
Total GST (a)	14.084928
OVERHEAD CHARGES @ 7.5% (+)	57.49930773
CONTRACTOR PROFIT @ 7.5% (+)	61.81175580975
LABOUR CESS @ 1% (+)	8.8596849993975
Grand Total	894.82818493915
Say For Unit 1 (Grand Total/1)	894.82818493915

Item 4

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 Sq.m.	651.08	6510.8	0
BRMMR0027 : Wax Polish	10	1 Sq.m	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.	608	836	150.48
BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	66.85	10.0275	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 Sq.m.	11.2375001	112.375001	0

BRM340 : Cement	1.375	1 Qntl.	30.732	42.2565	0
BRM028 : Screened and washed sharp sand for mortar	0.15	1 Cum	341.11	51.1665	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	353.25	52.9875	0

Total Amount (a+b+c)	15082.313001
Total GST (a)	150.48
OVERHEAD CHARGES @ 7.5% (+)	1142.459475075
CONTRACTOR PROFIT @ 7.5% (+)	1228.1439357056
LABOUR CESS @ 1% (+)	176.03396411781
Grand Total	17779.430375898
Say For Unit 1 (Grand Total/10)	1777.9430375898

Item 5

Plastering (AR1027): 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.

Sub-Item of Work

6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	0.12	Per day	462	55.44	0
LR002 : Female mulia	0.05	Per day	462	23.1	0
LR025 : Mason	0.14	Per day	562	78.68	0
BRM340 : Cement	0.0372	1 Qntl.	608	22.6176	4.071168
BRM028 : Screened and washed sharp sand for mortar	0.0075	1 Cum	66.85	0.501375	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0372	1 Qntl.	30.732	1.1432304	0
BRM028 : Screened and washed sharp sand for mortar	0.0075	1 Cum	341.11	2.558325	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0372	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.0075	1 Cum	353.25	2.649375	0

Total Amount (a+b+c)	186.6899054
Total GST (a)	4.071168
OVERHEAD CHARGES @ 7.5% (+)	14.307080505
CONTRACTOR PROFIT @ 7.5% (+)	15.380111542875
LABOUR CESS @ 1% (+)	2.2044826544788
Grand Total	222.65274810235
Say For Unit 1 (Grand Total/1)	222.65274810235

Item 6
Plastering (AR1014): 16mm thick cement Plaster in CM (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 16mm thick cement Plaster in CM (1:6) over brick work in inside.

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.11	Per day	462	50.82	0
LR001 : Male mulia	0.13	Per day	462	60.06	0
LR025 : Mason	0.16	Per day	562	89.92	0
BRM340 : Cement	0.043	1 Qntl.	608	26.144	4.70592
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	66.85	1.2033	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.043	1 Qntl.	30.732	1.321476	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	341.11	6.13998	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.043	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	353.25	6.3585	0
Total Amount (a+b+c)	241.967256				
Total GST (a)	4.70592				

OVERHEAD CHARGES @ 7.5% (+)	18.5004882
CONTRACTOR PROFIT @ 7.5% (+)	19.888024815
LABOUR CESS @ 1% (+)	2.85061689015
Grand Total	287.91230590515
Say For Unit 1 (Grand Total/1)	287.91230590515

Item 7

Other Building Items. (AR1902): Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc.complete. and as per the direction of Engineer in Charge.

Sub-Item of Work
cement based wall putty (water based)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRMMR0038 : Cement based putty	8	kg	30	240	0
LR001 : Male mulia	0.57	Per day	462	263.34	0
LR025 : Mason	0.5	Per day	562	281	0

Total Amount (a+b+c)	784.34
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	58.8255
CONTRACTOR PROFIT @ 7.5% (+)	63.2374125
LABOUR CESS @ 1% (+)	9.064029125
Grand Total	915.466941625
Say For Unit 1 (Grand Total/10)	91.5466941625

Item 8

Painting (AR0903i): 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)

Sub-Item of Work
Painting two coats of enamel paint in outer surface paint (outer surface)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR048 : Painter/ Polisher	1.25	Per day	612	765	0
LR001 : Male mulia	1.1	Per day	462	508.2	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	0.30732	0.3572595	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)	1512.2650095				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	113.4198757125				
CONTRACTOR PROFIT @ 7.5% (+)	121.92636639094				
LABOUR CESS @ 1% (+)	17.476112516034				
Grand Total	1765.0873641195				
Say For Unit 1 (Grand Total/9.3)	189.7943402279				

Item 9

Painting (AR0901bi): Priming one coat in outer surface with primer of approved quality over iron work 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 outer surface with primer of approved quality over iron work

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR048 : Painter/ Polisher	0.5	Per day	612	306	0
BRM137 : Red oxide Primer	0.5022	1 Litre	142.7	71.66394	0
LR001 : Male mulia	0.5	Per day	462	231	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM137 : Red oxide Primer	0.5022	1 Litre	0.30732	0.154336104	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM137 : Red oxide Primer	0.5022	1 Litre	0	0	0

Total Amount (a+b+c)	608.818276104				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	45.6613707078				
CONTRACTOR PROFIT @ 7.5% (+)	49.085973510885				
LABOUR CESS @ 1% (+)	7.0356562032268				

Grand Total	710.60127652591
Say For Unit 1 (Grand Total/9.3)	76.408739411388

Item 10

Painting (AR0901d): 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.

Sub-Item of Work

Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM253 : Wall cement primer (I.S.I.) Water bound	0.7812	1 Ltr	159.03	124.234236	0
LR048 : Painter/ Polisher	0.5	Per day	612	306	0
LR001 : Male mulia	0.5	Per day	462	231	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM253 : Wall cement primer (I.S.I.) Water bound	0.7812	1 Ltr	0.30732	0.240078384	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM253 : Wall cement primer (I.S.I.) Water bound	0.7812	1 Ltr	0	0	0

Total Amount (a+b+c)	661.474314384
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	49.6105735788
CONTRACTOR PROFIT @ 7.5% (+)	53.33136659721
LABOUR CESS @ 1% (+)	7.6441625456001
Grand Total	772.06041710561
Say For Unit 1 (Grand Total/9.3)	83.017249151141

Item 11

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
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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				
OVERHEAD CHARGES @ 7.5% (+)	70.36643625				
CONTRACTOR PROFIT @ 7.5% (+)	75.64391896875				
LABOUR CESS @ 1% (+)	10.842295052188				
Grand Total	1095.0718002709				
Say For Unit 1 (Grand Total/10)	109.50718002709				

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