

Analysis

OD/356/3401/275236/400864/00067295 : Repair and restoration of Barei UGUP School
Block : Korei, Gram Panchayat : Tandara
Created By: Abanikanta Sahoo

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
Other Building Items. (AR1901B): Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)
Sub-Item of Work Vitrified Tile 600mmx600mm Plain Ivory

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM174 : White Cement.	0.076	1Qntl	2006	152.456	0
BRM340 : Cement	1.074	1 Qntl.	543.88	584.12712	105.1428816
BRM028 : Screened and washed sharp sand for mortar	0.21	1 Cum	76.88	16.1448	0
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

LR001 : Male mulia	2.16	Per day	462	997.92	0
LR044 : Mason	2.16	Per day	612	1321.92	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM174 : White Cement.	0.076	1Qntl	30.732	2.335632	0
BRM340 : Cement	1.074	1 Qntl.	30.732	33.006168	0
BRM028 : Screened and washed sharp sand for mortar	0.21	1 Cum	471.31	98.9751	0
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.	11.2375001	112.375001	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM174 : White Cement.	0.076	1Qntl	0	0	0
BRM340 : Cement	1.074	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.21	1 Cum	274.25	57.5925	0
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

Total Amount (a+b+c)	9887.652321
Total GST (a)	105.1428816
OVERHEAD CHARGES @ 7.5% (+)	749.459640195
CONTRACTOR PROFIT @ 7.5% (+)	805.66911320963
LABOUR CESS @ 1% (+)	115.47923956005
Grand Total	11663.403195565
Say For Unit 1 (Grand Total/10)	1166.3403195565

Item 3

Flooring (AR0816j): Fixing Chequered Tiles 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 Chequered tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.

Sub-Item of Work

Fixing Chequered Tiles in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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BRM134 : Chequred Tiles.	10	1 Sqm.	225.5	2255	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.	543.88	1488.59956	267.9479208
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
BRM340 : Cement	2.737	1 Qntl.	30.732	84.113484	0
BRM028 : Screened and washed sharp sand for mortar	0.13	1 Cum	471.31	61.2703	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.737	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.13	1 Cum	274.25	35.6525	0

Total Amount (a+b+c)	9155.470244
Total GST (a)	267.9479208
OVERHEAD CHARGES @ 7.5% (+)	706.75636236
CONTRACTOR PROFIT @ 7.5% (+)	759.763089537
LABOUR CESS @ 1% (+)	108.89937616697
Grand Total	10998.836992864
Say For Unit 1 (Grand Total/10)	1099.8836992864

Item 4

miscellaneous (ARM122): Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height (Painting) and as directed by Engineer-in-Charge.

Sub-Item of Work

Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height (Painting) and as directed by Engineer-in-Charge.

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRMM122 : Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height (Painting)	1	Sqm	5.12	5.12	0

Total Amount (a+b+c)	5.12
Total GST (a)	0
Grand Total	10998.836992864

Say For Unit 1 (Grand Total/1)	10998.836992864
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Item 5

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	155.6	121.55472	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)	658.794798384
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	49.4096098788
CONTRACTOR PROFIT @ 7.5% (+)	53.11533061971
LABOUR CESS @ 1% (+)	7.6131973888251
Grand Total	768.93293627134
Say For Unit 1 (Grand Total/9.3)	82.680960889391

Item 6

Painting (AR0918fk): Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work to give an even shade 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
Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)(For repair and maintenance) .

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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BRM255 : Weather Coat (I.S.I.)	1.25	1 Ltr	193	241.25	0
LR001 : Male mulia	0.6528	Per day	462	301.5936	0
LR048 : Painter/ Polisher	0.5508	Per day	612	337.0896	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	1.25	1 Ltr	0.30732	0.38415	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	1.25	1 Ltr	0	0	0

Total Amount (a+b+c)	880.31735
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	66.02380125
CONTRACTOR PROFIT @ 7.5% (+)	70.97558634375
LABOUR CESS @ 1% (+)	10.173167375938
Grand Total	1027.4899049697
Say For Unit 1 (Grand Total/10)	102.74899049697

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
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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

Item 8

Painting (AR0903b): Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.

Sub-Item of Work

Painting two coats of enamel paint with a coat of red oxide primer over iron surface

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
Combine :: Painting (AR0901b)					
LR048 : Painter/ Polisher	0.053763440860215	Per day	612	32.903225806452	0
BRM137 : Red oxide Primer	0.054	1 Litre	140.5	7.587	0
LR001 : Male mulia	0.053763440860215	Per day	462	24.838709677419	0
Combine :: Painting (AR0903)					
LR048 : Painter/ Polisher	0.13440860215054	Per day	612	82.258064516129	0
LR001 : Male mulia	0.11827956989247	Per day	462	54.645161290323	0
BRM141 : Enamel paint	0.125	1 Litre	200.2	25.025	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM137 : Red oxide Primer	0.054	1 Litre	0.30732	0.01659528	0
BRM141 : Enamel paint	0.125	1 Litre	0.30732	0.038415	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM137 : Red oxide Primer	0.054	1 Litre	0	0	0
BRM141 : Enamel paint	0.125	1 Litre	0	0	0

Total Amount (a+b+c)	227.31217157032
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	17.048412867774
CONTRACTOR PROFIT @ 7.5% (+)	18.327043832857
LABOUR CESS @ 1% (+)	2.6268762827095

Grand Total	265.31450455366
Say For Unit 1 (Grand Total/1)	265.31450455366

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