

## Analysis

**OD/346/3304/116225/393599/00071613 : Repair & Maintenance of Arjunpur Govt. UP School.  
Block : Khaira, Gram Panchayat : Palasa  
Created By:Narayan Sahu**

<b>Item 1</b>
<b>Flooring (AR0817aa):</b> 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 <b>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)</b>

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM131</b> : 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
<b>BRMMR0027</b> : Wax Polish	10	1 Sqm	8.5	85	0
<b>LR044</b> : Mason	3.25	Per day	612	1989	0
<b>LR001</b> : Male mulia	3.25	Per day	462	1501.5	0
<b>LR008</b> : Sangi mulia	7.6	Per day	512	3891.2	0
<b>BRM340</b> : Cement	1.375	1 Qntl.	545.68	750.31	135.0558
<b>BRM028</b> : 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
<b>BRM131</b> : 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.	14.5102781	145.102781	0
<b>BRM340</b> : Cement	1.375	1 Qntl.	24.787	34.082125	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.15	1 Cum	981.51	147.2265	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM131</b> : 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

<b>BRM340</b> : Cement	1.375	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.15	1 Cum	442.25	66.3375	0

<b>Total Amount (a+b+c)</b>	15132.090906
<b>Total GST (a)</b>	135.0558
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	1145.03600295
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	1230.9137031712
<b>LABOUR CESS @ 1% (+)</b>	176.43096412121
<b>Grand Total</b>	17819.527376242
<b>Say For Unit 1 (Grand Total/10)</b>	1781.9527376242

## 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
<b>BRM174</b> : White Cement.	0.076	1Qntl	2017.18	153.30568	0
<b>BRM340</b> : Cement	1.074	1 Qntl.	545.68	586.06032	105.4908576
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.21	1 Cum	76.88	16.1448	0
<b>BRM131</b> : 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
<b>LR001</b> : Male mulia	2.16	Per day	462	997.92	0
<b>LR044</b> : Mason	2.16	Per day	612	1321.92	0

### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM174</b> : White Cement.	0.076	1Qntl	24.787	1.883812	0
<b>BRM340</b> : Cement	1.074	1 Qntl.	24.787	26.621238	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.21	1 Cum	981.51	206.1171	0

<b>BRM131</b> : 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.	14.5102781	145.102781	0
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**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM174</b> : White Cement.	0.076	1Qntl	0	0	0
<b>BRM340</b> : Cement	1.074	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.21	1 Cum	442.25	92.8725	0
<b>BRM131</b> : 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

<b>Total Amount (a+b+c)</b>	10058.748231
<b>Total GST (a)</b>	105.4908576
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	762.317931645
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	819.49177651837
<b>LABOUR CESS @ 1% (+)</b>	117.46048796763
<b>Grand Total</b>	11863.509284731
<b>Say For Unit 1 (Grand Total/10)</b>	1186.3509284731

**Item 3**

**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
<b>LR048</b> : Painter/ Polisher	0.5	Per day	612	306	0
<b>BRM137</b> : Red oxide Primer	0.5022	1 Litre	142.7	71.66394	0
<b>LR001</b> : Male mulia	0.5	Per day	462	231	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM137</b> : Red oxide Primer	0.5022	1 Litre	0.24787	0.124480314	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM137</b> : Red oxide Primer	0.5022	1 Litre	0	0	0

<b>Total Amount (a+b+c)</b>	608.788420314
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	45.65913152355
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	49.083566387816
<b>LABOUR CESS @ 1% (+)</b>	7.0353111822537
<b>Grand Total</b>	710.56642940762
<b>Say For Unit 1 (Grand Total/9.3)</b>	76.404992409421

#### Item 4

**Painting (AR0918cb):** Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)

Sub-Item of Work

**Finishing wall two coats with weather coat with one coat waterbound Primer**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>Combine :: Painting (AR0918f)</b>					
<b>BRM255 : Weather Coat (I.S.I.)</b>	0.125	1 Ltr	194.79	24.34875	0
<b>LR001 : Male mulia</b>	0.064	Per day	462	29.568	0
<b>LR048 : Painter/ Polisher</b>	0.054	Per day	612	33.048	0
<b>Combine :: Painting (AR0901di)</b>					
<b>BRM253 : Wall cement primer (I.S.I.) Water bound</b>	0.090322580645161	1 Ltr	159.03	14.364	0
<b>LR048 : Painter/ Polisher</b>	0.053763440860215	Per day	612	32.903225806452	0
<b>LR001 : Male mulia</b>	0.053763440860215	Per day	462	24.838709677419	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM255 : Weather Coat (I.S.I.)</b>	0.125	1 Ltr	0.24787	0.03098375	0
<b>BRM253 : Wall cement primer (I.S.I.) Water bound</b>	0.090322580645161	1 Ltr	0.24787	0.022388258064516	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM255 : Weather Coat (I.S.I.)</b>	0.125	1 Ltr	0	0	0
<b>BRM253 : Wall cement primer (I.S.I.) Water bound</b>	0.090322580645161	1 Ltr	0	0	0

<b>Total Amount (a+b+c)</b>	159.12405749194
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	11.934304311895
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	12.829377135287

<b>LABOUR CESS @ 1% (+)</b>	1.8388773893912
<b>Grand Total</b>	185.72661632851
<b>Say For Unit 1 (Grand Total/1)</b>	185.72661632851

### Item 5

**Painting (AR0921b):** Finishing wall surface with One Coat with distemper of approved shades above one coat waterbound Primer on old 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 One Coat with distemper of approved shades with one coat water bound Primer on old work (Inside)**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>Combine :: Painting (AR0921)</b>					
<b>BRM142 : Distemper</b>	0.166	1 Kg.	70.1	11.6366	0
<b>LR001 : Male mulia</b>	0.04	Per day	462	18.48	0
<b>LR048 : Painter/ Polisher</b>	0.033	Per day	612	20.196	0
<b>Combine :: Painting (AR0901d)</b>					
<b>BRM253 : Wall cement primer (I.S.I.) Water bound</b>	0.084	1 Ltr	159.03	13.35852	0
<b>LR048 : Painter/ Polisher</b>	0.053763440860215	Per day	612	32.903225806452	0
<b>LR001 : Male mulia</b>	0.053763440860215	Per day	462	24.838709677419	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM142 : Distemper</b>	0.166	1 Kg.	0.24787	0.04114642	0
<b>BRM253 : Wall cement primer (I.S.I.) Water bound</b>	0.084	1 Ltr	0.24787	0.02082108	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM142 : Distemper</b>	0.166	1 Kg.	0	0	0
<b>BRM253 : Wall cement primer (I.S.I.) Water bound</b>	0.084	1 Ltr	0	0	0

<b>Total Amount (a+b+c)</b>	121.47502298387
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	9.1106267237903
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	9.7939237280746
<b>LABOUR CESS @ 1% (+)</b>	1.4037957343574
<b>Grand Total</b>	141.78336917009
<b>Say For Unit 1 (Grand Total/1)</b>	141.78336917009

**Item 6**

**Concrete (AR0307):** Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section 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.

Sub-Item of Work

**Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	1.4	Per day	462	646.8	0
LR001 : Male mulia	3.2	Per day	462	1478.4	0
LR025 : Mason	0.68	Per day	562	382.16	0
BRM340 : Cement	3.23	1 Qntl.	545.68	1762.5464	317.258352
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	76.88	34.596	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)	0.9	1 Cum.	1396.62	1256.958	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	3.23	1 Qntl.	24.787	80.06201	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	981.51	441.6795	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)	0.9	1 Cum.	809.83	728.847	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	3.23	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	442.25	199.0125	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)	0.9	1 Cum.	1125.5	1012.95	0

<b>Total Amount (a+b+c)</b>	8024.01141
<b>Total GST (a)</b>	317.258352
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	625.59523215

<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	672.51487456125
<b>LABOUR CESS @ 1% (+)</b>	96.393798687112
<b>Grand Total</b>	9735.7736673984
<b>Say For Unit 1 (Grand Total/1)</b>	9735.7736673984

### Item 7

**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
<b>LR048</b> : Painter/ Polisher	1.25	Per day	612	765	0
<b>LR001</b> : Male mulia	1.1	Per day	462	508.2	0
<b>BRM141</b> : Enamel paint	1.1625	1 Litre	205.34	238.70775	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM141</b> : Enamel paint	1.1625	1 Litre	0.24787	0.288148875	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM141</b> : Enamel paint	1.1625	1 Litre	0	0	0

<b>Total Amount (a+b+c)</b>	1512.195898875
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	113.41469241562
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	121.9207943468
<b>LABOUR CESS @ 1% (+)</b>	17.475313856374
<b>Grand Total</b>	1765.0066994938
<b>Say For Unit 1 (Grand Total/9.3)</b>	189.78566661224

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