

## Analysis

**OD/346/3305/116231/393257/00072255 : repair and renovation of arabandha ugup school,  
arbandha**

**Block : Nilgiri, Gram Panchayat : Arbandh**

**Created By: Bikram Kishore Parida**

### Item 1

**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
<b>BRM118</b> : 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
<b>BRMMR0027</b> : Wax Polish	10	1 Sqm	8.5	85	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>LR008</b> : Sangi mulia	5.5	Per day	512	2816	0
<b>BRM340</b> : Cement	2.737	1 Qntl.	537.2	1470.3164	264.656952
<b>BRM028</b> : 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
<b>BRM118</b> : Marble Tiles of minimum 16 mm thick, dunguri Variety (Above 0.10 Sqm. to 0.40 Sqm)	10	1 Sqm.	22.6922231	226.922231	0
<b>BRM340</b> : Cement	2.737	1 Qntl.	48.567	132.927879	0
<b>BRM028</b> : 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
<b>BRM118</b> : 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
<b>BRM340</b> : Cement	2.737	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.13	1 Cum	442.25	57.4925	0

<b>Total Amount (a+b+c)</b>	14245.20071
<b>Total GST (a)</b>	264.656952
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	1088.23932465
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	1169.8572739988
<b>LABOUR CESS @ 1% (+)</b>	167.67954260649
<b>Grand Total</b>	16935.633803255
<b>Say For Unit 1 (Grand Total/10)</b>	1693.5633803255

## Item 2

**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
<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.	537.2	738.65	132.957
<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.	22.6922231	226.922231	0
<b>BRM340</b> : Cement	1.375	1 Qntl.	48.567	66.779625	0
<b>BRM028</b> : 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
<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>	15148.652856
<b>Total GST (a)</b>	132.957
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	1146.1207392
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	1232.07979464
<b>LABOUR CESS @ 1% (+)</b>	176.5981038984
<b>Grand Total</b>	17836.408493738
<b>Say For Unit 1 (Grand Total/10)</b>	1783.6408493738

### Item 3

**Iron Work (AR1704):** Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.

Sub-Item of Work  
**Iron Doors and windows fixing**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM341</b> : Steel	0.508	1 Qntl.	6186.01	3142.49308	565.6487544
<b>LR001</b> : Male mulia	3.25	Per day	462	1501.5	0
<b>LR011</b> : Helper to carpenter or Blacksmith/ Painter/ Blaster/Plumber/ Electrician/ Fitter/Welder	1	Per day	512	512	0
<b>LR028</b> : Fitter	1	Per day	562	562	0
<b>LR047</b> : Fitter	1	Per day	612	612	0
<b>LR026</b> : Black smith	1	Per day	562	562	0
<b>LR046</b> : Blacksmith	0.75	Per day	612	459	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM341</b> : Steel	0.508	1 Qntl.	48.567	24.672036	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	0.508	1 Qntl.	0	0	0

Total Amount (a+b+c)	7375.665116				
Total GST (a)	565.6487544				
OVERHEAD CHARGES @ 7.5% (+)	595.59854028				
CONTRACTOR PROFIT @ 7.5% (+)	640.268430801				
LABOUR CESS @ 1% (+)	91.77180841481				
Grand Total	9268.9526498958				
Say For Unit 1 (Grand Total/0.508)	18245.969783259				

#### Item 4

**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
<b>Combine :: Painting (AR0920)</b>					
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
<b>Combine :: Painting (AR0901c)</b>					
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	0.72347	0.09043375	0
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	0.72347	0.06077148	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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

<b>Total Amount (a+b+c)</b>	162.21864071387
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	12.16639805354
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	13.078877907556
<b>LABOUR CESS @ 1% (+)</b>	1.8746391667497
<b>Grand Total</b>	189.33855584172
<b>Say For Unit 1 (Grand Total/1)</b>	189.33855584172

### Item 5

**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
<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 (AR0901ci)</b>					
<b>BRM252 : Wall cement primer (I.S.I.) Oil bound</b>	0.084	1 Ltr	125.5	10.542	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	0.72347	0.09043375	0
<b>BRM252 : Wall cement primer (I.S.I.) Oil bound</b>	0.084	1 Ltr	0.72347	0.06077148	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>BRM252 : Wall cement primer (I.S.I.) Oil bound</b>	0.084	1 Ltr	0	0	0

<b>Total Amount (a+b+c)</b>	155.39989071387
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	11.65499180354

<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	12.529116188806
<b>LABOUR CESS @ 1% (+)</b>	1.7958399870622
<b>Grand Total</b>	181.37983869328
<b>Say For Unit 1 (Grand Total/1)</b>	181.37983869328

#### Item 6

**Painting (AR0903ik):** 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)(For repair and maintenance).

Sub-Item of Work

**Painting two coats of enamel paint in outer surface paint (outer surface)(For repair and maintenance) .**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>LR048</b> : Painter/ Polisher	1.275	Per day	612	780.3	0
<b>LR001</b> : Male mulia	1.122	Per day	462	518.364	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	0.72347	0.841033875	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>	1538.212783875
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	115.36595879063
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	124.01840569992
<b>LABOUR CESS @ 1% (+)</b>	17.775971483655
<b>Grand Total</b>	1795.3731198492
<b>Say For Unit 1 (Grand Total/9.3)</b>	193.05087310206

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