

## Analysis

### OD/360/3441/119206/395618/00063202 : REPAIR AND RESTORATION OF OF BARADIA PRIMARY SCHOOL

**Block : Rajkanika, Gram Panchayat : Baradia  
Created By:KAILASH CHANDRA MAHALIK**

<b>Item 1</b>
<b>miscellaneous (ARM123):</b> Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height scaffolding charges above 5M high and upto 8M height. (Painting) and as directed by Engineer-in-Charge.
Sub-Item of Work <b>Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height scaffolding charges above 5M high and upto 8M height. (Painting) and as directed by Engineer-in-Charge.</b>

<b>a) Specific Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRMM123 :</b> Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height scaffolding charges above 5M high and upto 8M height. (Painting)	1	Sqm	7.01	7.01	0
<b>Total Amount (a+b+c)</b>				7.01	
<b>Total GST (a)</b>					0
<b>Grand Total</b>					7.01
<b>Say For Unit 1 (Grand Total/1)</b>					7.01

<b>Item 2</b>
<b>Painting (AR0917gk):</b> Finishing wall with one coat 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)(For repair and maintenance).
Sub-Item of Work <b>Finishing wall with one coat weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work(Outside)(For repair and maintenance).</b>

<b>a) Specific Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>Combine :: Painting (AR0919fk)</b>					
<b>BRM255 :</b> Weather Coat (I.S.I.)	0.075	1 Ltr	191.35	14.35125	0
<b>LR048 :</b> Painter/ Polisher	0.03672	Per day	612	22.47264	0
<b>LR001 :</b> Male mulia	0.04386	Per day	462	20.26332	0
<b>Combine :: Painting (AR0901cik)</b>					
<b>BRM252 :</b> Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	125.5	10.542	0
<b>LR048 :</b> Painter/ Polisher	0.054838709677419	Per day	612	33.561290322581	0

LR001 : Male mulia	0.054838709677419	Per day	462	25.335483870968	0
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**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	0.075	1 Ltr	0.42622	0.0319665	0
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	0.42622	0.03580248	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM255 : Weather Coat (I.S.I.)	0.075	1 Ltr	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>	126.59375317355
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	1.2659375317355
<b>Grand Total</b>	127.85969070528
<b>Say For Unit 1 (Grand Total/1)</b>	127.85969070528

**Item 3**

**Painting (AR0917gk):** Finishing wall with one coat 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)(For repair and maintenance).

Sub-Item of Work  
**First Floor**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>Combine :: Painting (AR0917ak)</b>					
LR048 : Painter/ Polisher	0.016065	Per day	612	9.83178	0
LR001 : Male mulia	0.023562	Per day	462	10.885644	0
BRM143 : Cement paint	0.166	1 Kg.	47.83	7.93978	0
<b>Combine :: Painting (AR0901cik)</b>					
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	125.5	10.542	0
LR048 : Painter/ Polisher	0.05758064516129	Per day	612	35.23935483871	0
LR001 : Male mulia	0.05758064516129	Per day	462	26.602258064516	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	0.42622	0.03580248	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	0	0	0
<b>Total Amount (a+b+c)</b>				101.07661938323	
<b>Total GST (a)</b>					0
<b>LABOUR CESS @ 1% (+)</b>				1.0107661938323	
<b>Grand Total</b>				102.08738557706	
<b>Say For Unit 1 (Grand Total/1)</b>				102.08738557706	

#### Item 4

**Painting (AR0919ak):** Finishing wall One Coat with plastic emulsion paint of approved shades with one coat oilbound 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)(For repair and maintenance)

Sub-Item of Work

**Finishing wall One Coat with plastic emulsion paint of approved shades with one coat oilbound Primer on old work (Inside)(For repair and maintenance).**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>Combine :: Painting (AR0919k)</b>					
BRM140 : Plastic Emulsion paint	0.075	1 Litre	249.34	18.7005	0
LR001 : Male mulia	0.04386	Per day	462	20.26332	0
LR048 : Painter/ Polisher	0.03672	Per day	612	22.47264	0
<b>Combine :: Painting (AR0901ck)</b>					
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	125.5	10.542	0
LR048 : Painter/ Polisher	0.054838709677419	Per day	612	33.561290322581	0
LR001 : Male mulia	0.054838709677419	Per day	462	25.335483870968	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM140 : Plastic Emulsion paint	0.075	1 Litre	0.42622	0.0319665	0
BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	0.42622	0.03580248	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM140 : Plastic Emulsion paint	0.075	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>				130.94300317355	
<b>Total GST (a)</b>					0
<b>LABOUR CESS @ 1% (+)</b>				1.3094300317355	

<b>Grand Total</b>	132.25243320528
<b>Say For Unit 1 (Grand Total/1)</b>	132.25243320528

### Item 5

**Painting (AR0919ak):** Finishing wall One Coat with plastic emulsion paint of approved shades with one coat oilbound 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)(For repair and maintenance)

Sub-Item of Work  
**First Floor**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>Combine :: Painting (AR0919k)</b>					
<b>BRM140</b> : Plastic Emulsion paint	0.075	1 Litre	249.34	18.7005	0
<b>LR001</b> : Male mulia	0.0451758	Per day	462	20.8712196	0
<b>LR048</b> : Painter/ Polisher	0.0378216	Per day	612	23.1468192	0
<b>Combine :: Painting (AR0901ck)</b>					
<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	125.5	10.542	0
<b>LR048</b> : Painter/ Polisher	0.056483870967742	Per day	612	34.568129032258	0
<b>LR001</b> : Male mulia	0.056483870967742	Per day	462	26.095548387097	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM140</b> : Plastic Emulsion paint	0.075	1 Litre	0.42622	0.0319665	0
<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	0.42622	0.03580248	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM140</b> : Plastic Emulsion paint	0.075	1 Litre	0	0	0
<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084	1 Ltr	0	0	0

<b>Total Amount (a+b+c)</b>	133.99198519935
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	1.3399198519935
<b>Grand Total</b>	135.33190505135
<b>Say For Unit 1 (Grand Total/1)</b>	135.33190505135

### Item 6

**Masonry Brick Work (AR0603bi):** Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm2 with dimensional tolerance  $\pm 8$  percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.

Sub-Item of Work

**Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.14	Per day	462	64.68	0
BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	1 Cum	33	33	0
LR001 : Male mulia	2.82	Per day	462	1302.84	0
LR025 : Mason	1.05	Per day	562	590.1	0
LR044 : Mason	0.35	Per day	612	214.2	0
BRM340 : Cement	0.672	1 Qntl.	580.54	390.12288	70.2221184
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	71.81	20.1068	0
BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance $\pm 2$ %	350	1000 Nos	5.0175	1756.125	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.672	1 Qntl.	30.732	20.651904	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	341.11	95.5108	0
BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance $\pm 2$ %	350	1000 Nos	3.04237	1064.8295	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.672	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	235.25	65.87	0
BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance $\pm 2$ %	350	1000 Nos	0	0	0

**Total Amount (a+b+c)**

5618.036884

**Total GST (a)**

70.2221184

**LABOUR CESS @ 1% (+)**

56.882590024

**Grand Total**

5745.141592424

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

5745.141592424

**Item 7**

**Plastering (AR1004):** 12mm thick cement plaster (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

**12mm thick cement plaster (1:6) over Brick work in inside**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.05	Per day	462	23.1	0
LR001 : Male mulia	0.07	Per day	462	32.34	0
LR025 : Mason	0.14	Per day	562	78.68	0
BRM340 : Cement	0.0358	1 Qntl.	580.54	20.783332	3.74099976
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	71.81	1.07715	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0358	1 Qntl.	30.732	1.1002056	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	341.11	5.11665	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0358	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	235.25	3.52875	0

**Total Amount (a+b+c)**

165.7260876

**Total GST (a)**

3.74099976

**LABOUR CESS @ 1% (+)**

1.6946708736

**Grand Total**

171.1617582336

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

171.1617582336

**Item 8**

**Dismantling (AR1603):** Dismantling brick or stone masonry in lime or cement mortar under 3m. height 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 brick or stone masonry under 3m.**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	4.5	Per day	462	2079	0

LR001 : Male mulia	4	Per day	462	1848	0
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<b>Total Amount (a+b+c)</b>	3927
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	39.27
<b>Grand Total</b>	3966.27
<b>Say For Unit 1 (Grand Total/2.83)</b>	1401.5088339223

### Item 9

**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.	580.54	798.2425	143.68365
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.15	1 Cum	71.81	10.7715	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.	30.732	42.2565	0
<b>BRM028</b> : 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
<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	235.25	35.2875	0

<b>Total Amount (a+b+c)</b>	15060.327281
<b>Total GST (a)</b>	143.68365
<b>LABOUR CESS @ 1% (+)</b>	152.04010931
<b>Grand Total</b>	15356.05104031
<b>Say For Unit 1 (Grand Total/10)</b>	1535.605104031

### Item 10

**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
<b>Combine :: Painting (AR0901b)</b>					
<b>LR048</b> : Painter/ Polisher	0.053763440860215	Per day	612	32.903225806452	0
<b>BRM137</b> : Red oxide Primer	0.054	1 Litre	142.7	7.7058	0
<b>LR001</b> : Male mulia	0.053763440860215	Per day	462	24.838709677419	0
<b>Combine :: Painting (AR0903)</b>					
<b>LR048</b> : Painter/ Polisher	0.13440860215054	Per day	612	82.258064516129	0
<b>LR001</b> : Male mulia	0.11827956989247	Per day	462	54.645161290323	0
<b>BRM141</b> : Enamel paint	0.125	1 Litre	205.34	25.6675	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM137</b> : Red oxide Primer	0.054	1 Litre	0.42622	0.02301588	0
<b>BRM141</b> : Enamel paint	0.125	1 Litre	0.42622	0.0532775	0

#### c) Royalty Rate Details

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

<b>Total Amount (a+b+c)</b>	228.09475467032
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	2.2809475467032
<b>Grand Total</b>	230.37570221703
<b>Say For Unit 1 (Grand Total/1)</b>	230.37570221703

**Sujay Kumar Mandal**  
**JE**  
**Rajkanika Block**

**SUDHANSU SEKHAR PATRA**  
**AEE**  
**Rajkanika Block**

**KAILASH CHANDRA MAHALIK**  
**BDO**  
**Rajkanika Block**