

## Analysis

OD/346/3309/275555/393702/00069719 : Repair and maintenance of S.N. High School  
Kesharipur  
Block : Soro, Gram Panchayat : Kesharipur  
Created By:Satyanath Naik

### Item 1

**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  
**First Floor**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.0515	Per day	462	23.793	0
LR001 : Male mulia	0.0721	Per day	462	33.3102	0
LR025 : Mason	0.1442	Per day	562	81.0404	0
BRM340 : Cement	0.0358	1 Qntl.	537.2	19.23176	3.4617168
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	76.88	1.1532	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0358	1 Qntl.	24.787	0.8873746	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	861.91	12.92865	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	442.25	6.63375	0

Total Amount (a+b+c)	178.9783346
Total GST (a)	3.4617168
OVERHEAD CHARGES @ 7.5% (+)	13.683003855
CONTRACTOR PROFIT @ 7.5% (+)	14.709229144125
LABOUR CESS @ 1% (+)	2.1083228439913
Grand Total	212.94060724312
Say For Unit 1 (Grand Total/1)	212.94060724312

**Item 2**

**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/cm<sup>2</sup> 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  
**First floor**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.161	Per day	462	74.382	0
BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	1 Cum	33	33	0
LR001 : Male mulia	3.243	Per day	462	1498.266	0
LR025 : Mason	1.2075	Per day	562	678.615	0
LR044 : Mason	0.4025	Per day	612	246.33	0
BRM340 : Cement	0.672	1 Qntl.	537.2	360.9984	64.979712
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	76.88	21.5264	0
BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm <sup>2</sup> with dimensional tolerance $\pm 2$ %	350	1000 Nos	5.14255	1799.8925	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.672	1 Qntl.	24.787	16.656864	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	861.91	241.3348	0
BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm <sup>2</sup> with dimensional tolerance $\pm 2$ %	350	1000 Nos	1.30585	457.0475	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	442.25	123.83	0
BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm <sup>2</sup> with dimensional tolerance $\pm 2$ %	350	1000 Nos	0	0	0

<b>Total Amount (a+b+c)</b>	5551.879464
<b>Total GST (a)</b>	64.979712
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	421.2644382
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	452.859271065

<b>LABOUR CESS @ 1% (+)</b>	64.90982885265
<b>Grand Total</b>	6555.8927141176
<b>Say For Unit 1 (Grand Total/1)</b>	6555.8927141176

### Item 3

**Flooring (AR0802ii):** 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.

Sub-Item of Work

**2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>LR001</b> : Male mulia	0.14	Per day	462	64.68	0
<b>LR002</b> : Female mulia	0.22	Per day	462	101.64	0
<b>LR044</b> : Mason	0.13	Per day	612	79.56	0
<b>BRM340</b> : Cement	0.0858	1 Qntl.	537.2	46.09176	8.2965168
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.012	1 Cum	76.88	0.92256	0
<b>BRM057</b> : 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)(Hand broken)	0.023	1 Cum.	1050	24.15	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.0858	1 Qntl.	24.787	2.1267246	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.012	1 Cum	861.91	10.34292	0
<b>BRM057</b> : 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)(Hand broken)	0.023	1 Cum.	406.21	9.34283	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.0858	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.012	1 Cum	442.25	5.307	0
<b>BRM057</b> : 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)(Hand broken)	0.023	1 Cum.	552.5	12.7075	0

<b>Total Amount (a+b+c)</b>	356.8712946
<b>Total GST (a)</b>	8.2965168
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	27.387585855
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	29.441654794125
<b>LABOUR CESS @ 1% (+)</b>	4.2199705204912
<b>Grand Total</b>	426.21702256962
<b>Say For Unit 1 (Grand Total/1)</b>	426.21702256962

#### Item 4

**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
<b>BRM140</b> : Plastic Emulsion paint	1.25	1 Litre	249.34	311.675	0
<b>LR048</b> : Painter/ Polisher	0.54	Per day	612	330.48	0
<b>LR001</b> : Male mulia	0.64	Per day	462	295.68	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM140</b> : Plastic Emulsion paint	1.25	1 Litre	0.24787	0.3098375	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM140</b> : Plastic Emulsion paint	1.25	1 Litre	0	0	0

<b>Total Amount (a+b+c)</b>	938.1448375
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	70.3608628125
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	75.637927523437
<b>LABOUR CESS @ 1% (+)</b>	10.841436278359
<b>Grand Total</b>	1094.9850641143
<b>Say For Unit 1 (Grand Total/10)</b>	109.49850641143

**Raisen Murmu**  
**JE**  
**Soro Block**

**Nirmala Kanta Parida**  
**AEE**  
**Soro Block**

**Satyanath Naik**  
**BDO**  
**Soro Block**