

## Analysis

OD/370/3549/121133/426933/00067194 : Repair and maintenance of Block Colony Staff  
Quarter , Gudari  
Block : Gudari, Gram Panchayat : Asada  
Created By:SUCHISMITA BEHERA

### Item 1

**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	159.03	124.234236	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)**

661.474314384

**Total GST (a)**

0

**OVERHEAD CHARGES @ 7.5% (+)**

49.6105735788

**CONTRACTOR PROFIT @ 7.5% (+)**

53.33136659721

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

7.6441625456001

**Grand Total**

772.06041710561

**Say For Unit 1 (Grand Total/9.3)**

83.017249151141

### Item 2

**Painting (AR0921):** Finishing wall One Coat with distemper of approved shades on old 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 One Coat with distemper of approved shades on old work (Inside)**

<b>a) Specific Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM142 : Distemper	1.66	1 Kg.	70	116.2	0
LR001 : Male mulia	0.4	Per day	462	184.8	0
LR048 : Painter/ Polisher	0.33	Per day	612	201.96	0

<b>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM142 : Distemper	1.66	1 Kg.	0.30732	0.5101512	0

<b>c) Royalty Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM142 : Distemper	1.66	1 Kg.	0	0	0

<b>Total Amount (a+b+c)</b>	503.4701512				
<b>Total GST (a)</b>	0				
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	37.76026134				
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	40.5922809405				
<b>LABOUR CESS @ 1% (+)</b>	5.818226934805				
<b>Grand Total</b>	587.64092041531				
<b>Say For Unit 1 (Grand Total/10)</b>	58.764092041531				

### Item 3

**Painting (AR0901b):** Priming one coat in inner 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 inner surface with primer of approved quality over iron work.**

<b>a) Specific Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
LR048 : Painter/ Polisher	0.5	Per day	612	306	0
BRM137 : Red oxide Primer	0.5022	1 Litre	142.7	71.66394	0
LR001 : Male mulia	0.5	Per day	462	231	0

<b>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM137 : Red oxide Primer	0.5022	1 Litre	0.30732	0.154336104	0

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

BRM137 : Red oxide Primer	0.5022	1 Litre	0	0	0
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<b>Total Amount (a+b+c)</b>	608.818276104
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	45.6613707078
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	49.085973510885
<b>LABOUR CESS @ 1% (+)</b>	7.0356562032268
<b>Grand Total</b>	710.60127652591
<b>Say For Unit 1 (Grand Total/9.3)</b>	76.408739411388

#### Item 4

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

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM141 : Enamel paint	1.1625	1 Litre	0.30732	0.3572595	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM141 : Enamel paint	1.1625	1 Litre	0	0	0

<b>Total Amount (a+b+c)</b>	1512.2650095
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	113.4198757125
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	121.92636639094
<b>LABOUR CESS @ 1% (+)</b>	17.476112516034
<b>Grand Total</b>	1765.0873641195
<b>Say For Unit 1 (Grand Total/9.3)</b>	189.7943402279

#### Item 5

**Concrete (AR0303):** Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.

Sub-Item of Work

**Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
LR025 : Mason	0.18	Per day	562	101.16	0
LR002 : Female mulia	1.4	Per day	462	646.8	0
LR001 : Male mulia	2.5	Per day	462	1155	0
BRM340 : Cement	2.29	1 Qntl.	569.96	1305.2084	234.937512
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	76.88	36.9024	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	950	912	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	30.732	70.37628	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	341.11	163.7328	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	406.21	389.9616	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	51.25	24.6	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	156.5	150.24	0

<b>Total Amount (a+b+c)</b>	4955.98148
<b>Total GST (a)</b>	234.937512
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	389.3189244
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	418.51784373
<b>LABOUR CESS @ 1% (+)</b>	59.9875576013
<b>Grand Total</b>	6058.7433177313
<b>Say For Unit 1 (Grand Total/1)</b>	6058.7433177313

**Item 6**

**Flooring (AR0802i):** 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher 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 crusher broken chips**

<b>a) Specific Rate Details</b>						
<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>	
<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.	569.96	48.902568	8.80246224	
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.012	1 Cum	76.88	0.92256	0	
<b>BRM056</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) (Crusher broken)	0.023	1 Cum.	1396.62	32.12226	0	

<b>b) Carriage Rate Details</b>						
<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>	
<b>BRM340</b> : Cement	0.0858	1 Qntl.	30.732	2.6368056	0	
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.012	1 Cum	341.11	4.09332	0	
<b>BRM056</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) (Crusher broken)	0.023	1 Cum.	406.21	9.34283	0	

<b>c) Royalty Rate Details</b>						
<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>	
<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	51.25	0.615	0	
<b>BRM056</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) (Crusher broken)	0.023	1 Cum.	156.5	3.5995	0	

<b>Total Amount (a+b+c)</b>	348.1148436					
<b>Total GST (a)</b>	8.80246224					
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	26.768797938					
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	28.77645778335					
<b>LABOUR CESS @ 1% (+)</b>	4.1246256156135					
<b>Grand Total</b>	416.58718717696					
<b>Say For Unit 1 (Grand Total/1)</b>	416.58718717696					

<b>Item 7</b>
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**Masonry Brick Work (AR0603):** Brickwork with K.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth 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

**K.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.14	Per day	462	64.68	0
BRM003 : K.B. bricks (25 Cm x 12Cm x 8Cm) having crushing strength not less than 75 Kg./Cm <sup>2</sup> with dimensional tolerance $\pm 8$ percent.	350	1000 Nos	6.10567	2136.9845	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.	569.96	383.01312	68.9423616
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	76.88	21.5264	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM003 : K.B. bricks (25 Cm x 12Cm x 8Cm) having crushing strength not less than 75 Kg./Cm <sup>2</sup> with dimensional tolerance $\pm 8$ percent.	350	1000 Nos	1.011375	353.98125	0
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

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM003 : K.B. bricks (25 Cm x 12Cm x 8Cm) having crushing strength not less than 75 Kg./Cm <sup>2</sup> with dimensional tolerance $\pm 8$ percent.	350	1000 Nos	0.04025	14.0875	0
BRM340 : Cement	0.672	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	51.25	14.35	0

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

5211.925474

**Total GST (a)**

68.9423616

**OVERHEAD CHARGES @ 7.5% (+)**

396.06508767

**CONTRACTOR PROFIT @ 7.5% (+)**

425.76996924525

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

61.027028925152

**Grand Total**

6163.7299214404

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

6163.7299214404

**Item 8**

**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.	569.96	783.695	141.0651
<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.	11.2375001	112.375001	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	51.25	7.6875	0

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

14986.212501

<b>Total GST (a)</b>	141.0651
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	1134.545820075
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	1219.6367565806
<b>LABOUR CESS @ 1% (+)</b>	174.81460177656
<b>Grand Total</b>	17656.274779432
<b>Say For Unit 1 (Grand Total/10)</b>	1765.6274779432

### Item 9

**Concrete (AR0317):** 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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. (new work)

Sub-Item of Work

**2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>LR001</b> : Male mulia	0.36	Per day	462	166.32	0
<b>LR044</b> : Mason	0.1	Per day	612	61.2	0
<b>BRM340</b> : Cement	0.1208	1 Qntl.	569.96	68.851168	12.39321024
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0169	1 Cum	76.88	1.299272	0
<b>BRM064</b> : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	1 Cum.	850.2	14.36838	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.1208	1 Qntl.	30.732	3.7124256	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0169	1 Cum	341.11	5.764759	0
<b>BRM064</b> : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	1 Cum.	406.21	6.864949	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.1208	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0169	1 Cum	51.25	0.866125	0
<b>BRM064</b> : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	1 Cum.	156.5	2.64485	0

<b>Total Amount (a+b+c)</b>	331.8919286
<b>Total GST (a)</b>	12.39321024
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	25.821385413
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	27.757989318975
<b>LABOUR CESS @ 1% (+)</b>	3.9786451357198
<b>Grand Total</b>	401.84315870769
<b>Say For Unit 1 (Grand Total/1)</b>	401.84315870769

**P Mohan Rao Patro**  
**JE**  
**Gudari Block**

**Sasmita Sabar**  
**AEE**  
**Gudari Block**

**SUCHISMITA BEHERA**  
**BDO**  
**Gudari Block**