

## Analysis

**OD/362/3459/119583/407051/00070847 : IMPROVEMENT OF MAA GURUMEI CLUB AT  
NARASINGHAPUR GADAGUDUM  
Block : Begunia, Gram Panchayat : Durgapur  
Created By:Santosh kumar Jena**

<b>Item 1</b>
<b>Dismantling (AR1612):</b> Dismantling and removing 2.5 cm. thick artificial stone flooring 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 <b>Dismantling and removing 2.5 cm. thick artificial stone flooring</b>

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	1.25	Per day	462	577.5	0
LR001 : Male mulia	0.75	Per day	462	346.5	0
<b>Total Amount (a+b+c)</b>				924	
<b>Total GST (a)</b>					0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>					69.3
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>					74.4975
<b>LABOUR CESS @ 1% (+)</b>					10.677975
<b>Grand Total</b>					1078.475475
<b>Say For Unit 1 (Grand Total/9.3)</b>					115.96510483871

<b>Item 2</b>
<b>Other Building Items. (AR1901Ba):</b> Supplying, fitting & fixing Vitrified Tile 600mmx600mm Coloured /Printed series(Homogeneous) 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 work all materials, taxes, labor, T&P , etc. complete as per direction of Engineer-in-charge.
Sub-Item of Work <b>Vitrified Tile 600mmx600mm Coloured /Printed</b>

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM132 :</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 Coloured / Printed series(Homogeneous)	10	1 Sqm.	695.76	6957.6	0
<b>BRM174 :</b> White Cement.	0.076	1Qntl	2017.18	153.30568	0
<b>BRM340 :</b> Cement	1.074	1 Qntl.	544.6	584.9004	105.282072

<b>BRM028</b> : Screened and washed sharp sand for mortar	0.21	1 Cum	62.58	13.1418	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>BRM132</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 Coloured / Printed series(Homogeneous)	10	1 Sqm.	11.2375001	112.375001	0
<b>BRM174</b> : White Cement.	0.076	1Qntl	30.732	2.335632	0
<b>BRM340</b> : Cement	1.074	1 Qntl.	30.732	33.006168	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.21	1 Cum	953.91	200.3211	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM132</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 Coloured / Printed series(Homogeneous)	10	1 Sqm.	0	0	0
<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	43.25	9.0825	0

<b>Total Amount (a+b+c)</b>	10385.908281
<b>Total GST (a)</b>	105.282072
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	786.839276475
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	845.85222221063
<b>LABOUR CESS @ 1% (+)</b>	121.23881851686
<b>Grand Total</b>	12245.120670202
<b>Say For Unit 1 (Grand Total/10)</b>	1224.5120670202

**Item 3**

**Flooring (AR0817ab):** Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Coloured /Printed series(Homogeneous) 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 Coloured /Printed series(Homogeneous) in dados skirting and risers of steps on 12mm thick cement plaster (1:3)**

<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>BRM132</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 Coloured / Printed series(Homogeneous)	10	1 Sqm.	695.76	6957.6	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.	544.6	748.825	134.7885
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.15	1 Cum	62.58	9.387	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>BRM132</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 Coloured / Printed series(Homogeneous)	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	953.91	143.0865	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>BRM132</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 Coloured / Printed series(Homogeneous)	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	43.25	6.4875	0

<b>Total Amount (a+b+c)</b>	15486.717501
<b>Total GST (a)</b>	134.7885
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	1171.612950075
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	1259.4839213306
<b>LABOUR CESS @ 1% (+)</b>	180.52602872406
<b>Grand Total</b>	18233.12890113
<b>Say For Unit 1 (Grand Total/10)</b>	1823.312890113

**Item 4**

**miscellaneous (ARM122):** Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height (Painting) and as directed by Engineer-in-Charge.

Sub-Item of Work

**Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height (Painting) and as directed by Engineer-in-Charge.**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRMM122</b> : Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height (Painting)	1	Sqm	5.12	5.12	0

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

5.12

**Total GST (a)**

0

**Grand Total**

18233.12890113

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

18233.12890113

**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</b> : Distemper	0.166	1 Kg.	70.1	11.6366	0
<b>LR001</b> : Male mulia	0.04	Per day	462	18.48	0
<b>LR048</b> : Painter/ Polisher	0.033	Per day	612	20.196	0
<b>Combine :: Painting (AR0901d)</b>					
<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.084	1 Ltr	154.27	12.95868	0
<b>LR048</b> : Painter/ Polisher	0.053763440860215	Per day	612	32.903225806452	0
<b>LR001</b> : Male mulia	0.053763440860215	Per day	462	24.838709677419	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM142</b> : Distemper	0.166	1 Kg.	0.30732	0.05101512	0
<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.084	1 Ltr	0.30732	0.02581488	0

**c) Royalty Rate Details**

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

Total Amount (a+b+c)	121.09004548387
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	9.0817534112903
CONTRACTOR PROFIT @ 7.5% (+)	9.7628849171371
LABOUR CESS @ 1% (+)	1.399346838123
Grand Total	141.33403065042
Say For Unit 1 (Grand Total/1)	141.33403065042

#### Item 6

**Painting (AR0918hk):** Finishing wall with two coats weather coat paint of approved shade including one coat of water 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

**Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work(Outside)(For repair and maintenance).**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>Combine :: Painting (AR0918fk)</b>					
BRM255 : Weather Coat (I.S.I.)	0.125	1 Ltr	192.83	24.10375	0
LR001 : Male mulia	0.06528	Per day	462	30.15936	0
LR048 : Painter/ Polisher	0.05508	Per day	612	33.70896	0
<b>Combine :: Painting (AR0901dik)</b>					
BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	1 Ltr	154.27	13.934064516129	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
BRM255 : Weather Coat (I.S.I.)	0.125	1 Ltr	0.30732	0.038415	0
BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	1 Ltr	0.30732	0.027757935483871	0

#### c) Royalty Rate Details

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

<b>Total Amount (a+b+c)</b>	160.86908164516
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	12.065181123387
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	12.970069707641
<b>LABOUR CESS @ 1% (+)</b>	1.8590433247619
<b>Grand Total</b>	187.76337580095
<b>Say For Unit 1 (Grand Total/1)</b>	187.76337580095

### Item 7

**Concrete (AR0318):** 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specifaicon and direction of Engineer-in charge. (Old Work)

Sub-Item of Work

**4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken)**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>LR001</b> : Male mulia	1.008	Per day	462	465.696	0
<b>LR044</b> : Mason	0.165	Per day	612	100.98	0
<b>BRM340</b> : Cement	0.1287	1 Qntl.	544.6	70.09002	12.6162036
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	1 Cum	62.58	1.12644	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.	0.018	1 Cum.	836.11	15.04998	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)	0.018	1 Cum.	1372.71	24.70878	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.1287	1 Qntl.	30.732	3.9552084	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	1 Cum	953.91	17.17038	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.	0.018	1 Cum.	471.31	8.48358	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)	0.018	1 Cum.	471.31	8.48358	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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<b>BRM340</b> : Cement	0.1287	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	1 Cum	43.25	0.7785	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.	0.018	1 Cum.	200.25	3.6045	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)	0.018	1 Cum.	309.5	5.571	0

<b>Total Amount (a+b+c)</b>	725.6979684
<b>Total GST (a)</b>	12.6162036
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	55.3735629
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	59.5265801175
<b>LABOUR CESS @ 1% (+)</b>	8.532143150175
<b>Grand Total</b>	861.74645816767
<b>Say For Unit 1 (Grand Total/1)</b>	861.74645816767

### Item 8

**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	0.30732	0.01659528	0
<b>BRM141</b> : Enamel paint	0.125	1 Litre	0.30732	0.038415	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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<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>			228.07347157032		
<b>Total GST (a)</b>			0		
<b>OVERHEAD CHARGES @ 7.5% (+)</b>			17.105510367774		
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>			18.388423645357		
<b>LABOUR CESS @ 1% (+)</b>			2.6356740558345		
<b>Grand Total</b>			266.20307963929		
<b>Say For Unit 1 (Grand Total/1)</b>			266.20307963929		

**BRATATI PRIYADARSINI SAHOO**  
**JE**  
**Begunia Block**

**AISWARYA BHANJA DEO**  
**AEE**  
**Begunia Block**

**Santosh kumar Jena**  
**BDO**  
**Begunia Block**