

## Analysis

**OD/354/3378/117862/412577/00064287 : COMPLETION OF INCOMPLETE AWC-I BUILDING  
AT DAKHINAPUR**

**Block : Kukudakhandi, Gram Panchayat : Dakhinapur**

**Created By:PALLAVI SWAIN**

### Item 1

**Earth Work (AR0102aa):** Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge

Sub-Item of Work

**Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	25.8	Per day	462	11919.6	0
LR001 : Male mulia	25.8	Per day	462	11919.6	0

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

23839.2

**Total GST (a)**

0

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

238.392

**Grand Total**

24077.592

**Say For Unit 1 (Grand Total/100)**

240.77592

### Item 2

**Earth Work (AR0115):** Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.

Sub-Item of Work

**Filling foundation and plinth with sand well watered and rammed**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	62.86	6286	0
LR002 : Female mulia	12.36	Per day	462	5710.32	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	471.31	47131	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
------------	----------	------	------	--------	-----

BRM029 : Sand for filling and road blinding	100	1 Cum	205.25	20525	0
---	-----	-------	--------	-------	---

<b>Total Amount (a+b+c)</b>	79652.32
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	796.5232
<b>Grand Total</b>	80448.8432
<b>Say For Unit 1 (Grand Total/100)</b>	804.488432

### Item 3

**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.	568.23	1301.2467	234.224406
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	66.23	31.7904	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	995.25	955.44	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	471.31	226.2288	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	341.11	327.4656	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	205.25	98.52	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	269.5	258.72	0

<b>Total Amount (a+b+c)</b>	5172.74778
<b>Total GST (a)</b>	234.224406
<b>LABOUR CESS @ 1% (+)</b>	54.06972186
<b>Grand Total</b>	5461.04190786

<b>Say For Unit 1 (Grand Total/1)</b>	5461.04190786
---------------------------------------	---------------

**Item 4**

**Earth Work (AR0114):** Filling in foundation and plinth with excavated materials in ordinary soil including watering and ramming as directed by the Engineer-in-charge.

Sub-Item of Work  
**Filling of foundation with escalated earth**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	10.6666	Per day	462	4927.9692	0
LR001 : Male mulia	10.6666	Per day	462	4927.9692	0

<b>Total Amount (a+b+c)</b>	9855.9384
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	98.559384
<b>Grand Total</b>	9954.497784
<b>Say For Unit 1 (Grand Total/100)</b>	99.54497784

**Item 5**

**Dismantling (AR1618):** Dismantling and removing doors, windows and ventilators including removal of frame, hinges, fastening and stacking the same for reuse and removing the debris within 50m and as per direction of Engineer-in-Charge.

Sub-Item of Work  
**Dismantling and removing doors, windows and ventilators**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	1	Per day	462	462	0
LR001 : Male mulia	0.6	Per day	462	277.2	0
LR027 : Carpenter	0.5	Per day	562	281	0

<b>Total Amount (a+b+c)</b>	1020.2
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	10.202
<b>Grand Total</b>	1030.402
<b>Say For Unit 1 (Grand Total/2.6)</b>	396.30846153846

**Item 6**

**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

<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 7**

**Flooring (AR0817b):** Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.

Sub-Item of Work  
**Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753)**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM129 :</b> Tiles up to 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753	10	1 Sqm.	405.2	4052	0
<b>LR001 :</b> Male mulia	3.25	Per day	462	1501.5	0
<b>LR044 :</b> Mason	3.25	Per day	612	1989	0
<b>BRM340 :</b> Cement	1.375	1 Qntl.	568.23	781.31625	140.636925
<b>BRM028 :</b> Screened and washed sharp sand for mortar	0.15	1 Cum	66.23	9.9345	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM129 :</b> Tiles up to 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753	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	471.31	70.6965	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>BRM129</b> : Tiles up to 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753	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	205.25	30.7875	0

<b>Total Amount (a+b+c)</b>	8589.866251
<b>Total GST (a)</b>	140.636925
<b>LABOUR CESS @ 1% (+)</b>	87.30503176
<b>Grand Total</b>	8817.80820776
<b>Say For Unit 1 (Grand Total/10)</b>	881.780820776

<b>Item 8</b>
<b>Flooring (AR0817aa):</b> 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 <b>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)</b>

<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>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.	568.23	781.31625	140.636925
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.15	1 Cum	66.23	9.9345	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>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	471.31	70.6965	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	205.25	30.7875	0

<b>Total Amount (a+b+c)</b>	15024.866251
<b>Total GST (a)</b>	140.636925
<b>LABOUR CESS @ 1% (+)</b>	151.65503176
<b>Grand Total</b>	15317.15820776
<b>Say For Unit 1 (Grand Total/10)</b>	1531.715820776

### Item 9

**Flooring (AR0816):** Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing 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 ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.

Sub-Item of Work

**Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor**

### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRMMR0027</b> : Wax Polish	10	1 Sqm	8.5	85	0
<b>BRM130</b> : Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755	10	1 Sqm.	450.08	4500.8	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.	568.23	1555.24551	279.9441918
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.13	1 Cum	66.23	8.6099	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM130</b> : Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755	10	1 Sqm.	11.2375001	112.375001	0
<b>BRM340</b> : Cement	2.737	1 Qntl.	30.732	84.113484	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.13	1 Cum	471.31	61.2703	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM130</b> : Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755	10	1 Sqm.	0	0	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	205.25	26.6825	0

<b>Total Amount (a+b+c)</b>	11569.936695
<b>Total GST (a)</b>	279.9441918
<b>LABOUR CESS @ 1% (+)</b>	118.498808868
<b>Grand Total</b>	11968.379695668
<b>Say For Unit 1 (Grand Total/10)</b>	1196.8379695668

**Item 10**

**R.C.C. Work (AR0404Ab):** Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)

Sub-Item of Work

**Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>Combine :: R.C.C. Work (AR0404A)</b>					
<b>PM096</b> : Generator 33KVA Generation of Electric Energy 50KVA	0.4	per hour	700	280	0
<b>PM083</b> : Concrete Mixer 04/0.28 cum Concrete Mixing 2.5cum/hour	0.4	per hour	229.55	91.82	0

<b>LR001</b> : Male mulia	1.3333	Per day	462	615.9846	0
<b>LR025</b> : Mason	0.1	Per day	562	56.2	0
<b>LR010</b> : Mate	0.0573	Per day	512	29.3376	0
<b>BRM340</b> : Cement	3.4733	1 Qntl.	568.23	1973.633259	355.25398662
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	66.23	29.8035	0
<b>BRM060</b> : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	1407.77	506.7972	0
<b>BRM052</b> : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	1382.29	746.4366	0
<b>Combine :: R.C.C. Work (AR0410c)</b>					
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	1Cum.	58374.79	779.3034465	0
<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.63	1Mtr.	30.81	19.4103	0
<b>LR008</b> : Sangi mulia	0.25	Per day	512	128	0
<b>LR027</b> : Carpenter	0.25	Per day	562	140.5	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	3.4733	1 Qntl.	30.732	106.7414556	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	471.31	212.0895	0
<b>BRM060</b> : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	341.11	122.7996	0
<b>BRM052</b> : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	341.11	184.1994	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	1Cum.	245.856	3.2821776	0
<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.00307	1Mtr.	245.856	0.75477792	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	3.4733	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	205.25	92.3625	0
<b>BRM060</b> : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	314.5	113.22	0

<b>BRM052</b> : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	314.5	169.83	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	1Cum.	0	0	0
<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.00307	1Mtr.	0	0	0

<b>Total Amount (a+b+c)</b>	6402.50591662
<b>Total GST (a)</b>	355.25398662
<b>LABOUR CESS @ 1% (+)</b>	67.5775990324
<b>Grand Total</b>	6825.3375022724
<b>Say For Unit 1 (Grand Total/1)</b>	6825.3375022724

### Item 11

**R.C.C. Work (AR0404Ag):** Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)

Sub-Item of Work

**Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>Combine :: R.C.C. Work (AR0404A)</b>					
<b>PM096</b> : Generator 33KVA Generation of Electric Energy 50KVA	0.4	per hour	700	280	0
<b>PM083</b> : Concrete Mixer 04/0.28 cum Concrete Mixing 2.5cum/hour	0.4	per hour	229.55	91.82	0
<b>LR001</b> : Male mulia	1.3333	Per day	462	615.9846	0
<b>LR025</b> : Mason	0.1	Per day	562	56.2	0
<b>LR010</b> : Mate	0.0573	Per day	512	29.3376	0
<b>BRM340</b> : Cement	3.4733	1 Qntl.	568.23	1973.633259	355.25398662
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	66.23	29.8035	0
<b>BRM060</b> : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	1407.77	506.7972	0
<b>BRM052</b> : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	1382.29	746.4366	0
<b>Combine :: R.C.C. Work (AR0410a)</b>					
<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	1Mtr	51.87	322.714392	0

<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	1Cum.	58374.79	2931.418504388	0
<b>LR008</b> : Sangi mulia	3.05525	Per day	512	1564.288	0
<b>LR027</b> : Carpenter	3.05525	Per day	562	1717.0505	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	3.4733	1 Qntl.	30.732	106.7414556	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	471.31	212.0895	0
<b>BRM060</b> : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	341.11	122.7996	0
<b>BRM052</b> : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	341.11	184.1994	0
<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.076659	1Mtr	245.856	18.847075104	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	1Cum.	245.856	12.3461999232	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	3.4733	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	205.25	92.3625	0
<b>BRM060</b> : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	1 Cum.	314.5	113.22	0
<b>BRM052</b> : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	1 Cum.	314.5	169.83	0
<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.076659	1Mtr	0	0	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	1Cum.	0	0	0

<b>Total Amount (a+b+c)</b>	11897.919886015
<b>Total GST (a)</b>	355.25398662
<b>LABOUR CESS @ 1% (+)</b>	122.53173872635
<b>Grand Total</b>	12375.705611362
<b>Say For Unit 1 (Grand Total/1)</b>	12375.705611362

**Item 12**

**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.	568.23	20.342634	3.66167412
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	66.23	0.99345	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	471.31	7.06965	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	205.25	3.07875	0

<b>Total Amount (a+b+c)</b>				166.7046896	
<b>Total GST (a)</b>				3.66167412	
<b>LABOUR CESS @ 1% (+)</b>				1.7036636372	
<b>Grand Total</b>				172.0700273572	
<b>Say For Unit 1 (Grand Total/1)</b>				172.0700273572	

**Item 13**

**Plastering (AR1014):** 16mm thick cement Plaster in CM (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  
**16mm thick cement Plaster in CM (1:6) over brick work in inside.**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	0.11	Per day	462	50.82	0
LR001 : Male mulia	0.13	Per day	462	60.06	0
LR025 : Mason	0.16	Per day	562	89.92	0
BRM340 : Cement	0.043	1 Qntl.	568.23	24.43389	4.3981002
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	66.23	1.19214	0

<b>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.043	1 Qntl.	30.732	1.321476	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	1 Cum	471.31	8.48358	0

<b>c) Royalty Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.043	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	1 Cum	205.25	3.6945	0

<b>Total Amount (a+b+c)</b>	239.925586				
<b>Total GST (a)</b>	4.3981002				
<b>LABOUR CESS @ 1% (+)</b>	2.443236862				
<b>Grand Total</b>	246.766923062				
<b>Say For Unit 1 (Grand Total/1)</b>	246.766923062				

<b>Item 14</b>
<b>Masonry Brick Work (AR0603c):</b> Brickwork with Flyash Bricks of size (23cm x 11cm 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 <b>Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth</b>

<b>a) Specific Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>LR002</b> : Female mulia	0.14	Per day	462	64.68	0
<b>BRM006</b> : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm <sup>2</sup> with dimensional tolerance $\pm 2$ %	400	1000 Nos	4.55488	1821.952	0
<b>LR001</b> : Male mulia	2.82	Per day	462	1302.84	0
<b>LR025</b> : Mason	1.05	Per day	562	590.1	0
<b>LR044</b> : Mason	0.35	Per day	612	214.2	0
<b>BRM340</b> : Cement	0.672	1 Qntl.	568.23	381.85056	68.7331008
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	1 Cum	66.23	18.5444	0

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

<b>BRM006</b> : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance $\pm 2\%$	400	1000 Nos	0.8091	323.64	0
<b>BRM340</b> : Cement	0.672	1 Qntl.	30.732	20.651904	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	1 Cum	471.31	131.9668	0

<b>c) Royalty Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM006</b> : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance $\pm 2\%$	400	1000 Nos	0	0	0
<b>BRM340</b> : Cement	0.672	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	1 Cum	205.25	57.47	0
<b>Total Amount (a+b+c)</b>				4927.895664	
<b>Total GST (a)</b>				68.7331008	
<b>LABOUR CESS @ 1% (+)</b>				49.966287648	
<b>Grand Total</b>				5046.595052448	
<b>Say For Unit 1 (Grand Total/1)</b>				5046.595052448	

<b>Item 15</b>
<b>Painting (AR0920):</b> 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 <b>Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside)</b>

<b>a) Specific Rate Details</b>					
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>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM140</b> : Plastic Emulsion paint	1.25	1 Litre	0.30732	0.38415	0

<b>c) Royalty Rate Details</b>					
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>				938.21915	
<b>Total GST (a)</b>				0	
<b>LABOUR CESS @ 1% (+)</b>				9.3821915	

<b>Grand Total</b>	947.6013415
<b>Say For Unit 1 (Grand Total/10)</b>	94.76013415

### Item 16

**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>LABOUR CESS @ 1% (+)</b>	15.122650095
<b>Grand Total</b>	1527.387659595
<b>Say For Unit 1 (Grand Total/9.3)</b>	164.23523221452

### Item 17

**Other Building Items. (AR1909):** Providing fitting, fixing of Al. door with OEL anodized Al. door section of 9202 as vertical member, 9201 as top member and 9200 as bottom and middle member and 12mm thick pre-laminated board fixed on door frame by means of tapered clip No. 4660 and the frame to be completed by means of jointing angle No.1855 including all cost of labour,T&P , hire charges of drilling machine, labour charges etc. complete. and as per direction of Engineer in Charge

Sub-Item of Work

**Al. door with OEL anodized Al. door section of 9202 as vertical member**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	3	Per day	462	1386	0

<b>LR011</b> : Helper to carpenter or Blacksmith/ Painter/ Blaster/Plumber/ Electrician/ Fitter/Welder	2.3	Per day	512	1177.6	0
<b>LR027</b> : Carpenter	1.68	Per day	562	944.16	0
<b>LR045</b> : Carpenter	0.42	Per day	612	257.04	0
<b>BRM281</b> : Prelaminated particle board (standard type) (I.S.I.) 12mm	2.38	Sqm	710.82	1691.7516	0
<b>BRMMR0019</b> : Aluminium Screws adhesive	1	L.S.	50	50	0
<b>BRMMR0008</b> : Hire charges of drills machine	1.5	Day	100	150	0
<b>BRMMR0018</b> : 6-Level mortice lock	1	Each	600	600	0
<b>BRMMR0017</b> : Handle	2	Each	62.5	125	0
<b>BRMMR0016</b> : Door Stopper	1	Each	25	25	0
<b>BRMMR0011</b> : U rubber beading	18.29	Mtr	15	274.35	0
<b>BRMMR0015</b> : 4 Anodised Al. Hinges	4	Each	39	156	0
<b>BRM304</b> : Aluminium extruded section	25.5351	kg	297.97	7608.693747	0

<b>Total Amount (a+b+c)</b>	14445.595347
<b>Total GST (a)</b>	0
<b>LABOUR CESS @ 1% (+)</b>	144.45595347
<b>Grand Total</b>	14590.05130047
<b>Say For Unit 1 (Grand Total/2.16)</b>	6754.6533798472

### Item 18

**Concrete (AR0307):** Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section 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 specifaion and direction of Engineer-in charge.

Sub-Item of Work

**Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>LR002</b> : Female mulia	1.4	Per day	462	646.8	0
<b>LR001</b> : Male mulia	3.2	Per day	462	1478.4	0
<b>LR025</b> : Mason	0.68	Per day	562	382.16	0
<b>BRM340</b> : Cement	3.23	1 Qntl.	568.23	1835.3829	330.368922
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	66.23	29.8035	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)	0.9	1 Cum.	1396.62	1256.958	0
--	-----	-----------	---------	----------	---

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	3.23	1 Qntl.	30.732	99.26436	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	471.31	212.0895	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)	0.9	1 Cum.	341.11	306.999	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	3.23	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	205.25	92.3625	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)	0.9	1 Cum.	269.5	242.55	0

<b>Total Amount (a+b+c)</b>	6582.76976
<b>Total GST (a)</b>	330.368922
<b>LABOUR CESS @ 1% (+)</b>	69.13138682
<b>Grand Total</b>	6982.27006882
<b>Say For Unit 1 (Grand Total/1)</b>	6982.27006882

#### Item 19

**Other Building Items. (AR1901B):** Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory 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 materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)

Sub-Item of Work

**Vitrified Tile 600mmx600mm Plain Ivory**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM174</b> : White Cement.	0.076	1Qntl	2017.18	153.30568	0
<b>BRM340</b> : Cement	1.074	1 Qntl.	568.23	610.27902	109.8502236
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.21	1 Cum	66.23	13.9083	0

<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>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>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	471.31	98.9751	0
<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

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<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	205.25	43.1025	0
<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>Total Amount (a+b+c)</b>	9897.927401
<b>Total GST (a)</b>	109.8502236
<b>LABOUR CESS @ 1% (+)</b>	100.077776246
<b>Grand Total</b>	10107.855400846
<b>Say For Unit 1 (Grand Total/10)</b>	1010.7855400846

#### Item 20

**miscellaneous (ARM287):** Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.

Sub-Item of Work

**Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM029</b> : Sand for filling and road blinding	0.03	1 Cum	62.86	1.8858	0
<b>BRMM287</b> : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items)	1	1 Sqm	608.4	608.4	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM029</b> : Sand for filling and road blinding	0.03	1 Cum	471.31	14.1393	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM029</b> : Sand for filling and road blinding	0.03	1 Cum	205.25	6.1575	0

<b>Total Amount (a+b+c)</b>					630.5826
<b>Total GST (a)</b>					0
<b>Grand Total</b>					630.5826
<b>Say For Unit 1 (Grand Total/1)</b>					630.5826

**Item 21**

**miscellaneous (ARM295):** Supplying, fitting and fixing of 5.5mm thick hexagoanal Aluminum jally in windows as single groove, double groove and tapered clip as horizontal and vertical members for fixing of aluminum jally and jointing angle conforming to standard Aluminium sections etc. complete. (New miscellaneous items) and as directed by Engineer-in-Charge.

Sub-Item of Work

**Supplying, fitting and fixing of 5.5mm thick hexagoanal Aluminum jally in windows as single groove, double groove and tapered clip as horizontal and vertical members for fixing of aluminum jally and jointing angle conforming to standard Aluminium sections**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRMM295</b> : Supplying, fitting and fixing of 5.5mm thick hexagoanal Aluminum jally in windows as single groove, double groove and tapered clip as horizontal and vertical members for fixing of aluminum jally and jointing angle conforming to standard Aluminium sections etc. complete. (New miscellaneous items)	1	1 Sqm	1841	1841	0

<b>Total Amount (a+b+c)</b>					1841
<b>Total GST (a)</b>					0
<b>Grand Total</b>					1841
<b>Say For Unit 1 (Grand Total/1)</b>					1841

**Item 22**

**Painting (AR0918c):** Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new 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 coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work (Outside)**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>Combine :: Painting (AR0918a)</b>					
BRM143 : Cement paint	0.25	1 Kg.	47.83	11.9575	0
LR001 : Male mulia	0.032	Per day	462	14.784	0
LR048 : Painter/ Polisher	0.022	Per day	612	13.464	0
<b>Combine :: Painting (AR0923b1041)</b>					
LR001 : Male mulia	0.010752688172043	Per day	462	4.9677419354839	0
BRM340 : Cement	0.010763440860215	1 Qntl.	568.23	6.11611	1.1008998
LR029 : Painter/ Polisher	0.0080645161290323	Per day	562	4.5322580645161	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM143 : Cement paint	0.25	1 Kg.	0.30732	0.07683	0
BRM340 : Cement	0.010763440860215	1 Qntl.	30.732	0.33078206451613	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM143 : Cement paint	0.25	1 Kg.	0	0	0
BRM340 : Cement	0.010763440860215	1 Qntl.	0	0	0

<b>Total Amount (a+b+c)</b>	56.229222064516
<b>Total GST (a)</b>	1.1008998
<b>LABOUR CESS @ 1% (+)</b>	0.57330121864516
<b>Grand Total</b>	57.903423083161
<b>Say For Unit 1 (Grand Total/1)</b>	57.903423083161

**ASWIN SUBUDHI**  
**JE**  
**Kukudakhandi Block**

**ANURAG RATH**  
**AEE**  
**Kukudakhandi Block**

**PALLAVI SWAIN**  
**BDO**  
**Kukudakhandi Block**