

## Analysis

OD/362/3457/119550/407639/00072023 : Maintenance of Market Complex at Amanakuda  
Near GP Office

Block : Balipatna, Gram Panchayat : Amanakuda

Created By:Subhrasu Sekhar Padhi

### 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

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

1787.94

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

1922.0355

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

275.491755

**Grand Total**

27824.667255

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

278.24667255

### 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	56.19	5619	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	341.11	34111	0

<b>c) Royalty Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	158.5	15850	0

<b>Total Amount (a+b+c)</b>	61290.32				
<b>Total GST (a)</b>	0				
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	4596.774				
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	4941.53205				
<b>LABOUR CESS @ 1% (+)</b>	708.2862605				
<b>Grand Total</b>	71536.9123105				
<b>Say For Unit 1 (Grand Total/100)</b>	715.369123105				

<b>Item 3</b>
<b>Concrete (AR0303):</b> 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 <b>Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b>

<b>a) Specific Rate Details</b>					
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.	544.6	1247.134	224.48412
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	62.58	30.0384	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	995.25	955.44	0

<b>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	24.787	56.76223	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.	1091.91	1048.2336	0

<b>c) Royalty Rate Details</b>					
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	158.5	76.08	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	308	295.68	0

<b>Total Amount (a+b+c)</b>	5776.06103
<b>Total GST (a)</b>	224.48412
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	450.04088625
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	483.79395271875
<b>LABOUR CESS @ 1% (+)</b>	69.343799889688
<b>Grand Total</b>	7003.7237888584
<b>Say For Unit 1 (Grand Total/1)</b>	7003.7237888584

#### Item 4

**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 specifaicon 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.	544.6	1759.058	316.63044
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	62.58	28.161	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.	1372.71	1235.439	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	3.23	1 Qntl.	24.787	80.06201	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	341.11	153.4995	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.	1091.91	982.719	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	158.5	71.325	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.	308	277.2	0

<b>Total Amount (a+b+c)</b>	7094.82351
<b>Total GST (a)</b>	316.63044
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	555.85904625
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	597.54847471875
<b>LABOUR CESS @ 1% (+)</b>	85.648614709687
<b>Grand Total</b>	8650.5100856784
<b>Say For Unit 1 (Grand Total/1)</b>	8650.5100856784

### Item 5

**miscellaneous (ARM216):** Shuttering in foundation excluding cost of wood (Labour only). (Well Sinking) and as directed by Engineer-in-Charge.

Sub-Item of Work

**Shuttering in foundation excluding cost of wood (Labour only). (Well Sinking) and as directed by Engineer-in-Charge.**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRMM216</b> : Shuttering in foundation excluding cost of wood (Labour only). (Well Sinking)	1	Sqm	4.99	4.99	0

<b>Total Amount (a+b+c)</b>	4.99
<b>Total GST (a)</b>	0
<b>Grand Total</b>	8650.5100856784
<b>Say For Unit 1 (Grand Total/1)</b>	8650.5100856784

### Item 6

**Other Building Items. (AR1901Aa):** Supplying, fitting and fixing Vitrified Tile 600mmx600mm Coloured /Printed series(Homogeneous) of approved make conforming to IS :13755 with application of polymer modified quick set cement based water resistant adhesive conforming to IS :15477 of 3mm thick bed and filling joints with white cement of approved quality including cost of all materials, labour ,T&P,etc. required for the work all complete as per direction of Engineer-in-Charge

Sub-Item of Work

**Supplying, fitting and fixing Vitrified Tile 600mmx600mm Coloured /Printed series(Homogeneous) of approved make conforming to IS :13755 with application of polymer modified quick set cement based water resistant adhesive conforming to IS :15477 of 3mm**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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<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>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>BRM174</b> : White Cement.	0.076	1Qntl	2017.18	153.30568	0
<b>BRM256</b> : Adhesive (I.S.I.)	54	1 Kg	215.58	11641.32	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.	25.6450011	256.450011	0
<b>BRM174</b> : White Cement.	0.076	1Qntl	24.787	1.883812	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>Total Amount (a+b+c)</b>	21330.399503
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	1599.779962725
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	1719.7634599294
<b>LABOUR CESS @ 1% (+)</b>	246.49942925654
<b>Grand Total</b>	24896.442354911
<b>Say For Unit 1 (Grand Total/10)</b>	2489.6442354911

#### Item 7

**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
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<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.	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) 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.	25.6450011	256.450011	0
<b>BRM340</b> : Cement	1.375	1 Qntl.	24.787	34.082125	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	158.5	23.775	0

<b>Total Amount (a+b+c)</b>	15101.185636
<b>Total GST (a)</b>	134.7885
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	1142.6980602
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	1228.400414715
<b>LABOUR CESS @ 1% (+)</b>	176.07072610915
<b>Grand Total</b>	17783.143337024
<b>Say For Unit 1 (Grand Total/10)</b>	1778.3143337024

**Item 8**

**Plastering (AR1027):** 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.

Sub-Item of Work

**6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside)**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	0.12	Per day	462	55.44	0
LR002 : Female mulia	0.05	Per day	462	23.1	0
LR025 : Mason	0.14	Per day	562	78.68	0
BRM340 : Cement	0.0372	1 Qntl.	544.6	20.25912	3.6466416
BRM028 : Screened and washed sharp sand for mortar	0.0075	1 Cum	62.58	0.46935	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0372	1 Qntl.	24.787	0.9220764	0
BRM028 : Screened and washed sharp sand for mortar	0.0075	1 Cum	1091.91	8.189325	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0372	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.0075	1 Cum	158.5	1.18875	0

<b>Total Amount (a+b+c)</b>	188.2486214
<b>Total GST (a)</b>	3.6466416
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	14.392144725
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	15.471555579375
<b>LABOUR CESS @ 1% (+)</b>	2.2175896330438
<b>Grand Total</b>	223.97655293742
<b>Say For Unit 1 (Grand Total/1)</b>	223.97655293742

**Item 9**

**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.	544.6	19.49668	3.5094024
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	62.58	0.9387	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	1091.91	16.37865	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	158.5	2.3775	0

Total Amount (a+b+c)	174.1989046
Total GST (a)	3.5094024
OVERHEAD CHARGES @ 7.5% (+)	13.328123025
CONTRACTOR PROFIT @ 7.5% (+)	14.327732251875
LABOUR CESS @ 1% (+)	2.0536416227687
Grand Total	207.41780389964
Say For Unit 1 (Grand Total/1)	207.41780389964

#### Item 10

**Other Building Items. (AR1902):** Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc.complete. and as per the direction of Engineer in Charge.

Sub-Item of Work  
**cement based wall putty (water based)**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRMMR0038 : Cement based putty	8	kg	30	240	0
LR001 : Male mulia	0.57	Per day	462	263.34	0
LR025 : Mason	0.5	Per day	562	281	0

Total Amount (a+b+c)	784.34
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	58.8255
CONTRACTOR PROFIT @ 7.5% (+)	63.2374125

<b>LABOUR CESS @ 1% (+)</b>	9.064029125
<b>Grand Total</b>	915.466941625
<b>Say For Unit 1 (Grand Total/10)</b>	91.5466941625

<b>Item 11</b>
<b>miscellaneous (ARM121):</b> Wall painting with any approved paint 2 coats (Labour only) (Painting) and as directed by Engineer-in-Charge.
Sub-Item of Work <b>Wall painting with any approved paint 2 coats (Labour only) (Painting) and as directed by Engineer-in-Charge.</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>BRMM121</b> : Wall painting with any approved paint 2 coats (Labour only) (Painting)	1	Sqm	6.93	6.93	0
<b>Total Amount (a+b+c)</b>	6.93				
<b>Total GST (a)</b>	0				
<b>Grand Total</b>	915.466941625				
<b>Say For Unit 1 (Grand Total/1)</b>	915.466941625				

**Manoranjan Kar**  
**JE**  
**Balipatna Block**

**Archana Das**  
**AEE**  
**Balipatna Block**

**Subhrasu Sekhar Padhi**  
**BDO**  
**Balipatna Block**