

## Analysis

**OD/361/3452/119459/386031/00070080 : CONST. OF MARKET PINDI AT WEEKLY MARKET  
AT MAHADEIJODA**

**Block : Kendujhar Sadar, Gram Panchayat : Mahadeijoda**

**Created By:Binod Chandra Panda**

### 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	55	5500	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	880.31	88031	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	50.25	5025	0

Total Amount (a+b+c)	104266.32				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	7819.974				
CONTRACTOR PROFIT @ 7.5% (+)	8406.47205				
LABOUR CESS @ 1% (+)	1204.9276605				
Grand Total	121697.6937105				
Say For Unit 1 (Grand Total/100)	1216.976937105				

<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>

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.	567.52	1299.6208	233.931744
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	65	31.2	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.	48.567	111.21843	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	880.31	422.5488	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	666.61	639.9456	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	50.25	24.12	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	424.5	407.52	0

<b>Total Amount (a+b+c)</b>	5794.57363
<b>Total GST (a)</b>	233.931744
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	452.13790305
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	486.04824577875
<b>LABOUR CESS @ 1% (+)</b>	69.666915228287
<b>Grand Total</b>	7036.358438057
<b>Say For Unit 1 (Grand Total/1)</b>	7036.358438057

#### Item 4

**Masonry Brick Work (AR0603b):** Brickwork with Flyash 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

**Flyash 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
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.	567.52	381.37344	68.6472192
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	65	18.2	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.	48.567	32.637024	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	880.31	246.4868	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	50.25	14.07	0

<b>BRM005</b> : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance $\pm 2\%$	350	1000 Nos	0	0	0
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<b>Total Amount (a+b+c)</b>	5121.527264
<b>Total GST (a)</b>	68.6472192
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	389.26308624
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	418.457817708
<b>LABOUR CESS @ 1% (+)</b>	59.97895387148
<b>Grand Total</b>	6057.8743410195
<b>Say For Unit 1 (Grand Total/1)</b>	6057.8743410195

<b>Item 5</b>
<b>Flooring (AR0802i):</b> 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 <b>2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips</b>

<b>a) Specific Rate Details</b>					
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.	567.52	48.693216	8.76477888
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.012	1 Cum	65	0.78	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.	1370	31.51	0

<b>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.0858	1 Qntl.	48.567	4.1670486	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.012	1 Cum	880.31	10.56372	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.	666.61	15.33203	0

<b>c) Royalty Rate Details</b>					
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	50.25	0.603	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.	424.5	9.7635	0

<b>Total Amount (a+b+c)</b>	367.2925146
<b>Total GST (a)</b>	8.76477888
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	28.204297011
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	30.319619286825
<b>LABOUR CESS @ 1% (+)</b>	4.3458120977782
<b>Grand Total</b>	438.9270218756
<b>Say For Unit 1 (Grand Total/1)</b>	438.9270218756

### Item 6

**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.	567.52	1833.0896	329.956128
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	65	29.25	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.	1370	1233	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	3.23	1 Qntl.	48.567	156.87141	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	880.31	396.1395	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.	666.61	599.949	0
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**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	50.25	22.6125	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.	424.5	382.05	0

<b>Total Amount (a+b+c)</b>	7160.32201
<b>Total GST (a)</b>	329.956128
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	561.77086035
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	603.90367487625
<b>LABOUR CESS @ 1% (+)</b>	86.559526732262
<b>Grand Total</b>	8742.5121999585
<b>Say For Unit 1 (Grand Total/1)</b>	8742.5121999585

**Item 7**

**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
<b>LR002</b> : Female mulia	0.05	Per day	462	23.1	0
<b>LR001</b> : Male mulia	0.07	Per day	462	32.34	0
<b>LR025</b> : Mason	0.14	Per day	562	78.68	0
<b>BRM340</b> : Cement	0.0358	1 Qntl.	567.52	20.317216	3.65709888
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	1 Cum	65	0.975	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.0358	1 Qntl.	48.567	1.7386986	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	1 Cum	880.31	13.20465	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.0358	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	1 Cum	50.25	0.75375	0

<b>Total Amount (a+b+c)</b>	171.1093146				
<b>Total GST (a)</b>	3.65709888				
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	13.107481011				
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	14.090542086825				
<b>LABOUR CESS @ 1% (+)</b>	2.0196443657782				
<b>Grand Total</b>	203.9840809436				
<b>Say For Unit 1 (Grand Total/1)</b>	203.9840809436				

### Item 8

**R.C.C. Work (AR0410c):** Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc

Sub-Item of Work

**R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0267	1Cum.	58374.79	1558.606893	0
<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	1.26	1Mtr.	30.81	38.8206	0
<b>LR008</b> : Sangi mulia	0.5	Per day	512	256	0
<b>LR027</b> : Carpenter	0.5	Per day	562	281	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0267	1Cum.	198.296	5.2945032	0
<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.00614	1Mtr.	198.296	1.21753744	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0267	1Cum.	0	0	0
<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.00614	1Mtr.	0	0	0

<b>Total Amount (a+b+c)</b>	2140.93953364				
<b>Total GST (a)</b>	0				

<b>OVERHEAD CHARGES @ 7.5% (+)</b>	160.570465023
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	172.61324989972
<b>LABOUR CESS @ 1% (+)</b>	24.741232485627
<b>Grand Total</b>	2498.8644810484
<b>Say For Unit 1 (Grand Total/10)</b>	249.88644810484

## Item 9

**Painting (AR0918cb):** Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)

Sub-Item of Work

**Finishing wall two coats with weather coat with one coat waterbound Primer**

### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>Combine :: Painting (AR0918f)</b>					
<b>BRM255 : Weather Coat (I.S.I.)</b>	0.125	1 Ltr	194.79	24.34875	0
<b>LR001 : Male mulia</b>	0.064	Per day	462	29.568	0
<b>LR048 : Painter/ Polisher</b>	0.054	Per day	612	33.048	0
<b>Combine :: Painting (AR0901di)</b>					
<b>BRM253 : Wall cement primer (I.S.I.) Water bound</b>	0.090322580645161	1 Ltr	159.03	14.364	0
<b>LR048 : Painter/ Polisher</b>	0.053763440860215	Per day	612	32.903225806452	0
<b>LR001 : Male mulia</b>	0.053763440860215	Per day	462	24.838709677419	0

### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM255 : Weather Coat (I.S.I.)</b>	0.125	1 Ltr	0.48567	0.06070875	0
<b>BRM253 : Wall cement primer (I.S.I.) Water bound</b>	0.090322580645161	1 Ltr	0.48567	0.043866967741935	0

### c) Royalty Rate Details

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

<b>Total Amount (a+b+c)</b>	159.17526120161
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	11.938144590121
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	12.83350543438
<b>LABOUR CESS @ 1% (+)</b>	1.8394691122611
<b>Grand Total</b>	185.78638033838

<b>Say For Unit 1 (Grand Total/1)</b>	185.78638033838
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**Item 10**

**Road Work (AR1307):** Supplying & spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge.

Sub-Item of Work  
**Supplying & spreading moorum and consolidation with HRR**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM025</b> : Gravel or moorum	3.6224	1 Cum	58	210.0992	0
<b>LR002</b> : Female mulia	1.5	Per day	462	693	0
<b>LR001</b> : Male mulia	1.5	Per day	462	693	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM025</b> : Gravel or moorum	3.6224	1 Cum	276.01	999.818624	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM025</b> : Gravel or moorum	3.6224	1 Cum	40.25	145.8016	0

<b>Total Amount (a+b+c)</b>	2741.719424
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	205.6289568
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	221.05112856
<b>LABOUR CESS @ 1% (+)</b>	31.6839950936
<b>Grand Total</b>	3200.0835044536
<b>Say For Unit 1 (Grand Total/2.83)</b>	1130.771556344

**Kandarpa Palei**  
**JE**  
**Kendujhar Sadar Block**

**Sabyasachi Pradhan**  
**AEE**  
**Kendujhar Sadar Block**

**Binod Chandra Panda**  
**BDO**  
**Kendujhar Sadar Block**