

## Analysis

### OD/365/3511/120406/387392/00079098 : CONSTRUCTION OF JAHIRA BOUNDARY WALL WITH GATE AT BANKATI

Block : Tiring, Gram Panchayat : Sanbhundu  
Created By: BHAGBAT PRASAD MOHAPATRA

#### 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	60.43	6043	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	406.21	40621	0

<b>c) Royalty Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	190.25	19025	0

<b>Total Amount (a+b+c)</b>	71399.32				
<b>Total GST (a)</b>	0				
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	5354.949				
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	5756.570175				
<b>LABOUR CESS @ 1% (+)</b>	825.10839175				
<b>Grand Total</b>	83335.94756675				
<b>Say For Unit 1 (Grand Total/100)</b>	833.3594756675				

### Item 3

**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.	608	22.6176	4.071168
BRM028 : Screened and washed sharp sand for mortar	0.0075	1 Cum	66.85	0.501375	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0372	1 Qntl.	42.622	1.5855384	0
BRM028 : Screened and washed sharp sand for mortar	0.0075	1 Cum	406.21	3.046575	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	190.25	1.426875	0

<b>Total Amount (a+b+c)</b>	186.3979634				
<b>Total GST (a)</b>	4.071168				
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	14.285184855				

<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	15.356573719125
<b>LABOUR CESS @ 1% (+)</b>	2.2011088997413
<b>Grand Total</b>	222.31199887387
<b>Say For Unit 1 (Grand Total/1)</b>	222.31199887387

#### Item 4

**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.	608	21.7664	3.917952
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	66.85	1.00275	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.0358	1 Qntl.	42.622	1.5258676	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	406.21	6.09315	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	190.25	2.85375	0

<b>Total Amount (a+b+c)</b>	167.3619176
<b>Total GST (a)</b>	3.917952
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	12.84599022
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	13.8094394865
<b>LABOUR CESS @ 1% (+)</b>	1.979352993065
<b>Grand Total</b>	199.91465229956
<b>Say For Unit 1 (Grand Total/1)</b>	199.91465229956

#### Item 5

**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.	608	26.144	4.70592
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	66.85	1.2033	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.043	1 Qntl.	48.567	2.088381	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	406.21	7.31178	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	0.043	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.018	1 Cum	190.25	3.4245	0

<b>Total Amount (a+b+c)</b>	240.971961
<b>Total GST (a)</b>	4.70592
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	18.425841075
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	19.807779155625
<b>LABOUR CESS @ 1% (+)</b>	2.8391150123062
<b>Grand Total</b>	286.75061624293
<b>Say For Unit 1 (Grand Total/1)</b>	286.75061624293

**Item 6**

**R.C.C. Work (AR0409):** Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.

Sub-Item of Work

**Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
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LR001 : Male mulia	8	Per day	462	3696	0
LR046 : Blacksmith	3	Per day	612	1836	0
LR010 : Mate	0.44	Per day	512	225.28	0
BRM162 : Binding Wire.	8	1 Kg.	90	720	0
BRM341 : Steel	10.5	1 Qntl.	6176.71	64855.455	11673.9819

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	10.5	1 Qntl.	42.622	447.531	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	10.5	1 Qntl.	0	0	0

<b>Total Amount (a+b+c)</b>	71780.266
<b>Total GST (a)</b>	11673.9819
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	6259.0685925
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	6728.4987369375
<b>LABOUR CESS @ 1% (+)</b>	964.41815229437
<b>Grand Total</b>	97406.233381732
<b>Say For Unit 1 (Grand Total/10)</b>	9740.6233381732

**Item 7**

**Concrete (AR0304):** Cement concrete (1:4:8) 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 (1:4:8) with 4 cm. hard granite(Crusher Broken) metal**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	995.25	955.44	0
LR002 : Female mulia	1.4	Per day	462	646.8	0
LR001 : Male mulia	2.5	Per day	462	1155	0
LR025 : Mason	0.18	Per day	562	101.16	0
BRM340 : Cement	1.72	1 Qntl.	608	1045.76	188.2368
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	66.85	32.088	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
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<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	406.21	389.9616	0
<b>BRM340</b> : Cement	1.72	1 Qntl.	42.622	73.30984	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	1 Cum	406.21	194.9808	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	475.5	456.48	0
<b>BRM340</b> : Cement	1.72	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	1 Cum	190.25	91.32	0

<b>Total Amount (a+b+c)</b>	5142.30024
<b>Total GST (a)</b>	188.2368
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	399.790278
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	429.77454885
<b>LABOUR CESS @ 1% (+)</b>	61.6010186685
<b>Grand Total</b>	6221.7028855185
<b>Say For Unit 1 (Grand Total/1)</b>	6221.7028855185

**Item 8**

**R.C.C. Work (AR0404Aa):** 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 foundation, footing bases of column, mass concrete, pre-cast slabs etc.)

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.	608	2111.7664	380.117952
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	66.85	30.0825	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.	1380	496.8	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)	0.004005	1Cum.	58374.79	233.79103395	0
<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.189	1Mtr.	30.81	5.82309	0
<b>LR008</b> : Sangi mulia	0.075	Per day	512	38.4	0
<b>LR027</b> : Carpenter	0.075	Per day	562	42.15	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	3.4733	1 Qntl.	42.622	148.0389926	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	406.21	182.7945	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.	406.21	146.2356	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.	406.21	219.3534	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	1Cum.	340.976	1.36560888	0
<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.000921	1Mtr.	340.976	0.314038896	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	190.25	85.6125	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.	475.5	171.18	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.	475.5	256.77	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	1Cum.	0	0	0
<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.000921	1Mtr.	0	0	0

<b>Total Amount (a+b+c)</b>	5990.256464326
<b>Total GST (a)</b>	380.117952
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	477.77808122445

<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	513.61143731628
<b>LABOUR CESS @ 1% (+)</b>	73.617639348667
<b>Grand Total</b>	7435.3815742154
<b>Say For Unit 1 (Grand Total/1)</b>	7435.3815742154

### Item 9

**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.	608	2111.7664	380.117952
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	66.85	30.0825	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.	1380	496.8	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
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<b>BRM340</b> : Cement	3.4733	1 Qntl.	42.622	148.0389926	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	406.21	182.7945	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.	406.21	146.2356	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.	406.21	219.3534	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	1Cum.	340.976	4.5520296	0
<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.00307	1Mtr.	340.976	1.04679632	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	190.25	85.6125	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.	475.5	171.18	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.	475.5	256.77	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>	6741.22526502
<b>Total GST (a)</b>	380.117952
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	534.1007412765
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	574.15829687224
<b>LABOUR CESS @ 1% (+)</b>	82.296022551687
<b>Grand Total</b>	8311.8982777204
<b>Say For Unit 1 (Grand Total/1)</b>	8311.8982777204

**Item 10**

**R.C.C. Work (AR0404Ac):** 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 Beams, Column, Girder & Bressmer etc)

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.	608	2111.7664	380.117952
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	66.85	30.0825	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.	1380	496.8	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 (AR0410d)</b>					
<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	4.4196	1Mtr	51.87	229.244652	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	1Cum.	58374.79	2424.24665391	0
<b>LR008</b> : Sangi mulia	5.23875	Per day	512	2682.24	0
<b>LR027</b> : Carpenter	5.23875	Per day	562	2944.1775	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	3.4733	1 Qntl.	42.622	148.0389926	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	406.21	182.7945	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.	406.21	146.2356	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.	406.21	219.3534	0
<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.045339	1Mtr	340.976	15.459510864	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	1Cum.	340.976	14.160392304	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	190.25	85.6125	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.	475.5	171.18	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.	475.5	256.77	0
<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.045339	1Mtr	0	0	0
<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	1Cum.	0	0	0

<b>Total Amount (a+b+c)</b>	13977.941401678
<b>Total GST (a)</b>	380.117952
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	1076.8544515259
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	1157.6185353903
<b>LABOUR CESS @ 1% (+)</b>	165.92532340594
<b>Grand Total</b>	16758.457664
<b>Say For Unit 1 (Grand Total/1)</b>	16758.457664

#### Item 11

**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
<b>LR002</b> : Female mulia	0.14	Per day	462	64.68	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.	608	408.576	73.54368
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	1 Cum	66.85	18.718	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./Cm <sup>2</sup> with dimensional tolerance $\pm 2$ %	350	1000 Nos	5	1750	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.672	1 Qntl.	42.622	28.641984	0

<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	1 Cum	406.21	113.7388	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	1.4531	508.585	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<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	190.25	53.27	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

<b>Total Amount (a+b+c)</b>	5053.349784
<b>Total GST (a)</b>	73.54368
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	384.5170098
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	413.355785535
<b>LABOUR CESS @ 1% (+)</b>	59.24766259335
<b>Grand Total</b>	5984.0139219283
<b>Say For Unit 1 (Grand Total/1)</b>	5984.0139219283

**Item 12**

**Masonry Brick Work (AR0603bi):** Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm2 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 superstructure**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>LR002</b> : Female mulia	0.14	Per day	462	64.68	0
<b>BRMMR0025</b> : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	1 Cum	33	33	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.	608	408.576	73.54368
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	1 Cum	66.85	18.718	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	5	1750	0

<b>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.672	1 Qntl.	42.622	28.641984	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	1 Cum	406.21	113.7388	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	1.4531	508.585	0

<b>c) Royalty Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<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	190.25	53.27	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

<b>Total Amount (a+b+c)</b>	5086.349784
<b>Total GST (a)</b>	73.54368
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	386.9920098
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	416.016410535
<b>LABOUR CESS @ 1% (+)</b>	59.62901884335
<b>Grand Total</b>	6022.5309031784
<b>Say For Unit 1 (Grand Total/1)</b>	6022.5309031784

<b>Item 13</b>
<b>Iron Work (AR1704):</b> Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.
Sub-Item of Work <b>Iron Doors and windows fixing</b>

<b>a) Specific Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM341</b> : Steel	0.508	1 Qntl.	6176.71	3137.76868	564.7983624
<b>LR001</b> : Male mulia	3.25	Per day	462	1501.5	0
<b>LR011</b> : Helper to carpenter or Blacksmith/ Painter/ Blaster/Plumber/ Electrician/ Fitter/Welder	1	Per day	512	512	0
<b>LR028</b> : Fitter	1	Per day	562	562	0
<b>LR047</b> : Fitter	1	Per day	612	612	0
<b>LR026</b> : Black smith	1	Per day	562	562	0

LR046 : Blacksmith	0.75	Per day	612	459	0
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b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	0.508	1 Qntl.	42.622	21.651976	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM341 : Steel	0.508	1 Qntl.	0	0	0

Total Amount (a+b+c)	7367.920656
Total GST (a)	564.7983624
OVERHEAD CHARGES @ 7.5% (+)	594.95392638
CONTRACTOR PROFIT @ 7.5% (+)	639.5754708585
LABOUR CESS @ 1% (+)	91.672484156385
Grand Total	9258.9208997949
Say For Unit 1 (Grand Total/0.508)	18226.222243691

<b>Item 14</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>

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM140 : Plastic Emulsion paint	1.25	1 Litre	249.34	311.675	0
LR048 : Painter/ Polisher	0.54	Per day	612	330.48	0
LR001 : Male mulia	0.64	Per day	462	295.68	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM140 : Plastic Emulsion paint	1.25	1 Litre	0.66402	0.830025	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM140 : Plastic Emulsion paint	1.25	1 Litre	0	0	0

Total Amount (a+b+c)	938.665025
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Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	70.399876875
CONTRACTOR PROFIT @ 7.5% (+)	75.679867640625
LABOUR CESS @ 1% (+)	10.847447695156
Grand Total	1095.5922172108
Say For Unit 1 (Grand Total/10)	109.55922172108

**DAKHIN SOREN**  
**JE**  
**Tiring Block**

**MANGALJYOTI MOHAPATRA**  
**AEE**  
**Tiring Block**

**BHAGBAT PRASAD MOHAPATRA**  
**BDO**  
**Tiring Block**