

## Analysis

**OD/361/3451/275394/385250/00069302 : REPAR OF BOUNDARY WALL AT KARAKHENDRA  
AWC**

**Block : Joda, Gram Panchayat : Karakhendara  
Created By:KendujharJodaBDO**

<b>Item 1</b>
<b>Earth Work (AR0103aa):</b> Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department
Sub-Item of Work <b>Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth within 50m. Initial lead and 1.5m</b>

<b>a) Specific Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	40.236	Per day	462	18589.032	0
LR001 : Male mulia	40.236	Per day	462	18589.032	0
<b>Total Amount (a+b+c)</b>				37178.064	
<b>Total GST (a)</b>					0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>					2788.3548
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>					2997.48141
<b>LABOUR CESS @ 1% (+)</b>					429.6390021
<b>Grand Total</b>					43393.5392121
<b>Say For Unit 1 (Grand Total/100)</b>					433.935392121

<b>Item 2</b>
<b>Earth Work (AR0115):</b> 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 <b>Filling foundation and plinth with sand well watered and rammed</b>

<b>a) Specific Rate Details</b>					
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>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	1689.91	168991	0

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

<b>Total Amount (a+b+c)</b>	185226.32				
<b>Total GST (a)</b>	0				
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	13891.974				
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	14933.87205				
<b>LABOUR CESS @ 1% (+)</b>	2140.5216605				
<b>Grand Total</b>	216192.6877105				
<b>Say For Unit 1 (Grand Total/100)</b>	2161.926877105				

### 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.	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.	36.677	83.99033	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	1689.91	811.1568	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	1229.91	1180.7136	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.	293.5	281.76	0

<b>Total Amount (a+b+c)</b>	6570.96153
<b>Total GST (a)</b>	233.931744
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	510.36699555
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	548.64452021625
<b>LABOUR CESS @ 1% (+)</b>	78.639047897662
<b>Grand Total</b>	7942.5438376639
<b>Say For Unit 1 (Grand Total/1)</b>	7942.5438376639

#### 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.	36.677	24.646944	0
BRM028 : Screened and washed sharp sand for mortar	0.28	1 Cum	1689.91	473.1748	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	1.4531	508.585	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>	5391.762684
<b>Total GST (a)</b>	68.6472192
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	409.53074274
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	440.2455484455
<b>LABOUR CESS @ 1% (+)</b>	63.101861943855
<b>Grand Total</b>	6373.2880563294
<b>Say For Unit 1 (Grand Total/1)</b>	6373.2880563294

### Item 5

**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.	567.52	381.37344	68.6472192
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	1 Cum	65	18.2	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	5.14255	1799.8925	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.672	1 Qntl.	36.677	24.646944	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	1 Cum	1689.91	473.1748	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>					
<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>
<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	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

<b>Total Amount (a+b+c)</b>	5424.762684
<b>Total GST (a)</b>	68.6472192
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	412.00574274
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	442.9061734455
<b>LABOUR CESS @ 1% (+)</b>	63.483218193855
<b>Grand Total</b>	6411.8050375794
<b>Say For Unit 1 (Grand Total/1)</b>	6411.8050375794

### Item 6

**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

<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>
<b>LR002</b> : Female mulia	0.11	Per day	462	50.82	0
<b>LR001</b> : Male mulia	0.13	Per day	462	60.06	0
<b>LR025</b> : Mason	0.16	Per day	562	89.92	0
<b>BRM340</b> : Cement	0.043	1 Qntl.	567.52	24.40336	4.3926048
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	1 Cum	65	1.17	0

### b) Carriage Rate Details

<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>
<b>BRM340</b> : Cement	0.043	1 Qntl.	36.677	1.577111	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	1 Cum	1689.91	30.41838	0

### c) Royalty Rate Details

<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>
<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	50.25	0.9045	0

<b>Total Amount (a+b+c)</b>	259.273351
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<b>Total GST (a)</b>	4.3926048
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	19.774946685
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	21.258067686375
<b>LABOUR CESS @ 1% (+)</b>	3.0469897017137
<b>Grand Total</b>	307.74595987309
<b>Say For Unit 1 (Grand Total/1)</b>	307.74595987309

### 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
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.	567.52	20.317216	3.65709888
BRM028 : 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
BRM340 : Cement	0.0358	1 Qntl.	36.677	1.3130366	0
BRM028 : Screened and washed sharp sand for mortar	0.015	1 Cum	1689.91	25.34865	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	50.25	0.75375	0

<b>Total Amount (a+b+c)</b>	182.8276526
<b>Total GST (a)</b>	3.65709888
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	13.986356361
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	15.035333088075
<b>LABOUR CESS @ 1% (+)</b>	2.1550644092908
<b>Grand Total</b>	217.66150533837
<b>Say For Unit 1 (Grand Total/1)</b>	217.66150533837

**Item 8**

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

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM255</b> : Weather Coat (I.S.I.)	0.125	1 Ltr	0.36677	0.04584625	0
<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.090322580645161	1 Ltr	0.36677	0.033127612903226	0

**c) Royalty Rate Details**

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

<b>Total Amount (a+b+c)</b>	159.14965934677
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	11.936224451008
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	12.831441284834
<b>LABOUR CESS @ 1% (+)</b>	1.8391732508262
<b>Grand Total</b>	185.75649833344
<b>Say For Unit 1 (Grand Total/1)</b>	185.75649833344

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