

## Analysis

### OD/361/3451/119435/385360/00071759 : MAINTENANCE OF BADKALIMATI PRIMARY SCHOOL

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

<b>Item 1</b>
<b>Earth Work (AR0102aa):</b> 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 <b>Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b>

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
<b>Total Amount (a+b+c)</b>				23839.2	
<b>Total GST (a)</b>					0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>					1787.94
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>					1922.0355
<b>LABOUR CESS @ 1% (+)</b>					275.491755
<b>Grand Total</b>					27824.667255
<b>Say For Unit 1 (Grand Total/100)</b>					278.24667255

<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>

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	1597.91	159791	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)	176026.32				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	13201.974				
CONTRACTOR PROFIT @ 7.5% (+)	14192.12205				
LABOUR CESS @ 1% (+)	2034.2041605				
Grand Total	205454.6202105				
Say For Unit 1 (Grand Total/100)	2054.546202105				

### Item 3

**Concrete (AR0303a):** Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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. hard granite(Hand Broken) metal**

### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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	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
BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	750	720	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	1597.91	766.9968	0
BRM045 : Granite Stone broken metal 40mm. size (Hand 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
BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	293.5	281.76	0

<b>Total Amount (a+b+c)</b>	6318.58963
<b>Total GST (a)</b>	233.931744
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	491.43910305
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	528.29703577875
<b>LABOUR CESS @ 1% (+)</b>	75.722575128288
<b>Grand Total</b>	7647.980087957
<b>Say For Unit 1 (Grand Total/1)</b>	7647.980087957

#### 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	1597.91	447.4148	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>	5373.992764
<b>Total GST (a)</b>	68.6472192
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	408.19799874
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	438.8128486455
<b>LABOUR CESS @ 1% (+)</b>	62.896508305855
<b>Grand Total</b>	6352.5473388914
<b>Say For Unit 1 (Grand Total/1)</b>	6352.5473388914

### 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  
**Fourth Floor**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>LR002</b> : Female mulia	0.244860875	Per day	462	113.12572425	0
<b>BRMMR0025</b> : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	1 Cum	33	33	0
<b>LR001</b> : Male mulia	4.932197625	Per day	462	2278.67530275	0
<b>LR025</b> : Mason	1.8364565625	Per day	562	1032.088588125	0
<b>LR044</b> : Mason	0.6121521875	Per day	612	374.63713875	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.	48.567	32.637024	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	1 Cum	1597.91	447.4148	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>	7033.699517875
<b>Total GST (a)</b>	68.6472192
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	532.67600528062
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	572.62670567667
<b>LABOUR CESS @ 1% (+)</b>	82.076494480323
<b>Grand Total</b>	8289.7259425126
<b>Say For Unit 1 (Grand Total/1)</b>	8289.7259425126

### Item 6

**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

<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>
<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

<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>
<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	1597.91	23.96865	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	0.0358	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>	181.8733146
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<b>Total GST (a)</b>	3.65709888
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	13.914781011
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	14.958389586825
<b>LABOUR CESS @ 1% (+)</b>	2.1440358407782
<b>Grand Total</b>	216.5476199186
<b>Say For Unit 1 (Grand Total/1)</b>	216.5476199186

### Item 7

**Concrete (AR0318):** 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specification and direction of Engineer-in charge. (Old Work)

Sub-Item of Work

**4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken)**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>LR001</b> : Male mulia	1.008	Per day	462	465.696	0
<b>LR044</b> : Mason	0.165	Per day	612	100.98	0
<b>BRM340</b> : Cement	0.1287	1 Qntl.	567.52	73.039824	13.14716832
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	1 Cum	65	1.17	0
<b>BRM064</b> : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.018	1 Cum.	850.2	15.3036	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)	0.018	1 Cum.	1370	24.66	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	0.1287	1 Qntl.	48.567	6.2505729	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	1 Cum	1597.91	28.76238	0
<b>BRM064</b> : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.018	1 Cum.	1229.91	22.13838	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)	0.018	1 Cum.	1229.91	22.13838	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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<b>BRM340</b> : Cement	0.1287	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>BRM064</b> : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.018	1 Cum.	293.5	5.283	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)	0.018	1 Cum.	293.5	5.283	0

<b>Total Amount (a+b+c)</b>	771.6096369
<b>Total GST (a)</b>	13.14716832
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	58.8567603915
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	63.271017420862
<b>LABOUR CESS @ 1% (+)</b>	9.0688458303236
<b>Grand Total</b>	915.95342886269
<b>Say For Unit 1 (Grand Total/1)</b>	915.95342886269

### Item 8

**Painting (AR0901d):** Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.

Sub-Item of Work  
**First Floor**

#### a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.7812	1 Ltr	159.03	124.234236	0
<b>LR048</b> : Painter/ Polisher	0.515	Per day	612	315.18	0
<b>LR001</b> : Male mulia	0.515	Per day	462	237.93	0

#### b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.7812	1 Ltr	0.48567	0.379405404	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.7812	1 Ltr	0	0	0

<b>Total Amount (a+b+c)</b>	677.723641404
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	50.8292731053
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	54.641468588197

<b>LABOUR CESS @ 1% (+)</b>	7.831943830975
<b>Grand Total</b>	791.02632692847
<b>Say For Unit 1 (Grand Total/9.3)</b>	85.056594293384

**Item 9**

**Painting (AR0918f):** Finishing wall with two coat weather coat paint of approved shade in the outer surface of old 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 weather coat paint of approved shade in the outer surface of old work(Outside)**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM255 : Weather Coat (I.S.I.)</b>	1.25	1 Ltr	194.79	243.4875	0
<b>LR001 : Male mulia</b>	0.64	Per day	462	295.68	0
<b>LR048 : Painter/ Polisher</b>	0.54	Per day	612	330.48	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM255 : Weather Coat (I.S.I.)</b>	1.25	1 Ltr	0.48567	0.6070875	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM255 : Weather Coat (I.S.I.)</b>	1.25	1 Ltr	0	0	0

<b>Total Amount (a+b+c)</b>	870.2545875
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	65.2690940625
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	70.164276117188
<b>LABOUR CESS @ 1% (+)</b>	10.056879576797
<b>Grand Total</b>	1015.7448372565
<b>Say For Unit 1 (Grand Total/10)</b>	101.57448372565

**DURGA MAHALI**  
**JE**  
**Joda Block**

**AJAYA KUMAR SAHOO**  
**AEE**  
**Joda Block**

**KendujharJodaBDO**  
**BDO**  
**Joda Block**