

## Analysis

OD/365/3490/120104/390491/00071842 : Renovation with Toe wall at Dumapada Bhalu bandha tank

Block : Baripada, Gram Panchayat : Khadisole

Created By: Debendra Prasad Bal

### 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	471.31	47131	0

<b>c) Royalty Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM029</b> : Sand for filling and road blinding	100	1 Cum	602.25	60225	0

<b>Total Amount (a+b+c)</b>	119109.32				
<b>Total GST (a)</b>	0				
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	8933.199				
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	9603.188925				
<b>LABOUR CESS @ 1% (+)</b>	1376.45707925				
<b>Grand Total</b>	139022.16500425				
<b>Say For Unit 1 (Grand Total/100)</b>	1390.2216500425				

<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
<b>LR025</b> : Mason	0.18	Per day	562	101.16	0
<b>LR002</b> : Female mulia	1.4	Per day	462	646.8	0
<b>LR001</b> : Male mulia	2.5	Per day	462	1155	0
<b>BRM340</b> : Cement	2.29	1 Qntl.	608	1392.32	250.6176
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	1 Cum	66.85	32.088	0
<b>BRM044</b> : 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
<b>BRM340</b> : Cement	2.29	1 Qntl.	48.567	111.21843	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	1 Cum	471.31	226.2288	0
<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	744.73	714.9408	0

<b>c) Royalty Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	2.29	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	1 Cum	602.25	289.08	0
<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	551.5	529.44	0

<b>Total Amount (a+b+c)</b>	6153.71603
<b>Total GST (a)</b>	250.6176
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	480.32502225
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	516.34939891875
<b>LABOUR CESS @ 1% (+)</b>	74.010080511687
<b>Grand Total</b>	7475.0181316804
<b>Say For Unit 1 (Grand Total/1)</b>	7475.0181316804

#### Item 4

**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.	245.856	6.5643552	0
<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.00614	1Mtr.	245.856	1.50955584	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>	2142.50140404
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	160.687605303
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	172.73917570073
<b>LABOUR CESS @ 1% (+)</b>	24.759281850437
<b>Grand Total</b>	2500.6874668942

Say For Unit 1 (Grand Total/10)	250.06874668942
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**Item 5**

**Earth Work (AR0102b):** Earth work in hard soil or gravelly soil in embankment, roads etc. 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 specification approved by the Department alongwith proper compaction with P.R.R. including hire and running charges of P.R.R. (section measurement to be taken on the finished compacted section of the fill) as per direction of Engineer-in-Charge.

Sub-Item of Work

**Earth work in hard soil or gravelly soil in embankment, roads etc. within 50m initial lead and 1.5m initial lift and Compaction with P.R.R**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
PM024 : Smooth wheeled Roller 8 -10 tonne Soil compaction 70cum/hour	1.42857	per hour	524.7	749.570679	0
LR002 : Female mulia	21.5	Per day	462	9933	0
LR001 : Male mulia	21.5	Per day	462	9933	0

Total Amount (a+b+c)	20615.570679
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	1546.167800925
CONTRACTOR PROFIT @ 7.5% (+)	1662.1303859944
LABOUR CESS @ 1% (+)	238.23868865919
Grand Total	24062.107554579
Say For Unit 1 (Grand Total/100)	240.62107554579

**ASHOK KUMAR DAS**  
**JE**  
**Baripada Block**

**BHARAT CHANDRA BEHERA**  
**AEE**  
**Baripada Block**

**Debendra Prasad Bal**  
**BDO**  
**Baripada Block**