

## Analysis

OD/363/3475/119860/428845/00069462 : Const. of Paver block road at Jankar Puja Gudi,  
Sanakellar  
Block : Laxmipur, Gram Panchayat : Kusumguda  
Created By:SABYASACHI BEHERA

### Item 1

**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	71.94	7194	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	731.71	73171	0

#### c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	46.25	4625	0

<b>Total Amount (a+b+c)</b>	90700.32
<b>Total GST (a)</b>	0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	6802.524
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	7312.7133
<b>LABOUR CESS @ 1% (+)</b>	1048.155573
<b>Grand Total</b>	105863.712873
<b>Say For Unit 1 (Grand Total/100)</b>	1058.63712873

### Item 2

**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**

<b>a) Specific Rate Details</b>					
<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>
<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>LR025</b> : Mason	0.18	Per day	562	101.16	0
<b>BRM340</b> : Cement	2.29	1 Qntl.	547.5	1253.775	225.6795
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	1 Cum	75.86	36.4128	0
<b>BRM045</b> : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	787.36	755.8656	0

<b>b) Carriage 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	2.29	1 Qntl.	35.488	81.26752	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	1 Cum	731.71	351.2208	0
<b>BRM045</b> : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	315.07	302.4672	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	2.29	1 Qntl.	0	0	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	1 Cum	46.25	22.2	0
<b>BRM045</b> : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	377.5	362.4	0

<b>Total Amount (a+b+c)</b>	5068.56892
<b>Total GST (a)</b>	225.6795
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	397.0686315
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	426.8487788625
<b>LABOUR CESS @ 1% (+)</b>	61.181658303625
<b>Grand Total</b>	6179.3474886661
<b>Say For Unit 1 (Grand Total/1)</b>	6179.3474886661

### Item 3

**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**

<b>a) Specific Rate Details</b>					
<b>Particular</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	<b>GST</b>
<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.	547.5	1768.425	318.3165
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	75.86	34.137	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.	1396.62	1256.958	0

<b>b) Carriage Rate Details</b>					
Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM340</b> : Cement	3.23	1 Qntl.	35.488	114.62624	0
<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1 Cum	731.71	329.2695	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.	315.07	283.563	0

<b>c) Royalty Rate Details</b>					
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	46.25	20.8125	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.	377.5	339.75	0

<b>Total Amount (a+b+c)</b>	6654.90124
<b>Total GST (a)</b>	318.3165
<b>OVERHEAD CHARGES @ 7.5% (+)</b>	522.9913305
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>	562.2156802875
<b>LABOUR CESS @ 1% (+)</b>	80.584247507875
<b>Grand Total</b>	8139.0089982954
<b>Say For Unit 1 (Grand Total/1)</b>	8139.0089982954

<b>Item 4</b>
<b>Earth Work (AR0103a):</b> Earth work in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume 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

**Earth work in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m. Initial lead and 1.5m initial lift**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	33.53	Per day	462	15490.86	0
LR001 : Male mulia	33.53	Per day	462	15490.86	0
<b>Total Amount (a+b+c)</b>				30981.72	
<b>Total GST (a)</b>					0
<b>OVERHEAD CHARGES @ 7.5% (+)</b>				2323.629	
<b>CONTRACTOR PROFIT @ 7.5% (+)</b>				2497.901175	
<b>LABOUR CESS @ 1% (+)</b>				358.03250175	
<b>Grand Total</b>				36161.28267675	
<b>Say For Unit 1 (Grand Total/100)</b>				361.6128267675	

**Item 5**

**Earth Work (AR0103aa):** 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

**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**

**a) Specific Rate Details**

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	

**Item 6**

**miscellaneous (ARM287):** Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.

Sub-Item of Work

**Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC**

**a) Specific Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM029</b> : Sand for filling and road blinding	0.03	1 Cum	71.94	2.1582	0
<b>BRMM287</b> : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items)	1	1 Sqm	608.4	608.4	0

**b) Carriage Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM029</b> : Sand for filling and road blinding	0.03	1 Cum	731.71	21.9513	0

**c) Royalty Rate Details**

Particular	Quantity	Unit	Rate	Amount	GST
<b>BRM029</b> : Sand for filling and road blinding	0.03	1 Cum	46.25	1.3875	0

<b>Total Amount (a+b+c)</b>	633.897				
<b>Total GST (a)</b>	0				
<b>Grand Total</b>	43393.5392121				
<b>Say For Unit 1 (Grand Total/1)</b>	43393.5392121				

**GIRIJA SANKAR PATI**  
**JE**  
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**AEE**  
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**BDO**  
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