

Analysis

**OD/369/3545/121062/409718/00016887 : Improvement of road from Indreswar Temple
Compost pit to olla road,Bhailipur GP
Block : Sadar, Gram Panchayat : Bhailipur
Created By:SAMBEET SATAPATHY**

Item 1

Earth Work (AR0101b): Earth work in ordinary soil in embankments, 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 along with proper compaction with P.R.R. including hire and running charges of P.R.R. (Measurement to be taken on the finished compacted section of the fill) direction of Engineer-in-Charge.

Sub-Item of Work

Earth work in ordinary soil in embankments, roads, etc. within 50m initial lead and 1.5m initial lift

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	16	Per day	462	7392	0
LR001 : Male mulia	16	Per day	462	7392	0

Total Amount (a+b+c)

15533.570679

Total GST (a)

0

LABOUR CESS @ 1% (+)

155.33570679

Grand Total

15688.90638579

Say For Unit 1 (Grand Total/100)

156.8890638579

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	60.5	6050	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	627.55	62755	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	75.25	7525	0

Total Amount (a+b+c)	82040.32				
Total GST (a)	0				
LABOUR CESS @ 1% (+)	820.4032				
Grand Total	82860.7232				
Say For Unit 1 (Grand Total/100)	828.607232				

Item 3

Concrete (AR0309): Cement Concrete (1:3:6) with 12mm size hard granite (Crusher Broken) chips 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 as per specification and direction of Engineer-in charge.

Sub-Item of Work

Cement Concrete (1:3:6) with 12mm size hard granite (Crusher Broken) chips

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR025 : Mason	0.68	Per day	562	382.16	0
LR002 : Female mulia	1.4	Per day	462	646.8	0
LR001 : Male mulia	3.2	Per day	462	1478.4	0
BRM340 : Cement	2.15	1 Qntl.	565.1	1214.965	340.1902
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	75	33.75	0
BRM056 : 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) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.15	1 Qntl.	45	96.75	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	898.71	404.4195	0
BRM056 : 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.	1110.31	999.279	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.15	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	75.25	33.8625	0
BRM056 : 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.	170.5	153.45	0

Total Amount (a+b+c)	6700.794
Total GST (a)	340.1902
LABOUR CESS @ 1% (+)	70.409842
Grand Total	7111.394042
Say For Unit 1 (Grand Total/1)	7111.394042

Item 4

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
First floor

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	1.61	Per day	462	743.82	0
LR001 : Male mulia	3.68	Per day	462	1700.16	0
LR025 : Mason	0.782	Per day	562	439.484	0
BRM340 : Cement	3.23	1 Qntl.	565.1	1825.273	511.07644
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	75	33.75	0
BRM056 : 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) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	3.23	1 Qntl.	45	145.35	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	898.71	404.4195	0

BRM056 : 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.	1110.31	999.279	0
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c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	3.23	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	75.25	33.8625	0
BRM056 : 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.	170.5	153.45	0

Total Amount (a+b+c)	7735.806
Total GST (a)	511.07644
LABOUR CESS @ 1% (+)	82.4688244
Grand Total	8329.3512644
Say For Unit 1 (Grand Total/1)	8329.3512644

Item 5

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
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0267	1Cum.	58374.79	1558.606893	0
BRM092 : Non-sal bullahs 75mm. mean dia of any length.	1.26	1Mtr.	30.81	38.8206	0
LR008 : Sangi mulia	0.5	Per day	512	256	0
LR027 : Carpenter	0.5	Per day	562	281	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0267	1Cum.	198.296	5.2945032	0
BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.00614	1Mtr.	198.296	1.21753744	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0267	1Cum.	0	0	0
BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.00614	1Mtr.	0	0	0
Total Amount (a+b+c)	2140.93953364				
Total GST (a)	0				
LABOUR CESS @ 1% (+)	21.4093953364				
Grand Total	2162.3489289764				
Say For Unit 1 (Grand Total/10)	216.23489289764				

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