

Analysis

OD/352/3354/117366/402459/00072827 : Improvement of Kirttanpur Ragudisahi Road
Block : Kankada Had, Gram Panchayat : Bam
Created By:Yashobant Dehury

Item 1
Earth Work (AR0102a3): Earthwork in hard soil or gravelly soil within 100m to 125m 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 direction of the Engineer-in-charge.
Sub-Item of Work Earthwork in hard soil or gravelly soil within 100m to 125m lead and 1.5m, initial lift

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
Combine :: Earth Work (AR0102a)					
LR002 : Female mulia	21.5	Per day	462	9933	0
LR001 : Male mulia	21.5	Per day	462	9933	0
Combine :: Earth Work (AR0107b)					
LR001 : Male mulia	10.5	Per day	462	4851	0

Total Amount (a+b+c)	24717
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	1853.775
CONTRACTOR PROFIT @ 7.5% (+)	1992.808125
LABOUR CESS @ 1% (+)	285.63583125
Grand Total	28849.21895625
Say For Unit 1 (Grand Total/100)	288.4921895625

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	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	861.91	86191	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	194.57	19457	0

Total Amount (a+b+c)	118552.32				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	8891.424				
CONTRACTOR PROFIT @ 7.5% (+)	9558.2808				
LABOUR CESS @ 1% (+)	1370.020248				
Grand Total	138372.045048				
Say For Unit 1 (Grand Total/100)	1383.72045048				

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.	538.88	1234.0352	222.126336
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	76.88	36.9024	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.	30.732	70.37628	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	861.91	413.7168	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	1137.91	1092.3936	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	194.57	93.3936	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	352.5	338.4	0
Total Amount (a+b+c)				6137.61788	
Total GST (a)				222.126336	
OVERHEAD CHARGES @ 7.5% (+)				476.9808162	
CONTRACTOR PROFIT @ 7.5% (+)				512.754377415	
LABOUR CESS @ 1% (+)				73.49479409615	
Grand Total				7422.9742037112	
Say For Unit 1 (Grand Total/1)				7422.9742037112	

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

Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	1.4	Per day	462	646.8	0
LR001 : Male mulia	3.2	Per day	462	1478.4	0
LR025 : Mason	0.68	Per day	562	382.16	0
BRM340 : Cement	3.23	1 Qntl.	538.88	1740.5824	313.304832
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	76.88	34.596	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.	30.732	99.26436	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	861.91	387.8595	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.	1137.91	1024.119	0

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	194.57	87.5565	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.	352.5	317.25	0

Total Amount (a+b+c)	7455.54576
Total GST (a)	313.304832
OVERHEAD CHARGES @ 7.5% (+)	582.6637944
CONTRACTOR PROFIT @ 7.5% (+)	626.36357898
LABOUR CESS @ 1% (+)	89.7787796538
Grand Total	9067.6567450338
Say For Unit 1 (Grand Total/1)	9067.6567450338

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.	707.136	18.8805312	0
BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.00614	1Mtr.	707.136	4.34181504	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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
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Total Amount (a+b+c)	2157.64983924
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	161.823737943
CONTRACTOR PROFIT @ 7.5% (+)	173.96051828872
LABOUR CESS @ 1% (+)	24.934340954717
Grand Total	2518.3684364264
Say For Unit 1 (Grand Total/10)	251.83684364264

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AEE
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