

Analysis

OD/358/3414/118723/424135/00076304 : CONSTRUCTION OF PAVER BLOCK ROAD AT SUNDHIPADA TO GOUNTIAPADA

Block : Kalampur, Gram Panchayat : Bodkuturu

Created By: Bijaya kumar Mandngi

Item 1

Earth Work (AR0102a): Earth work in hard soil or gravelly soil 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 within 50m. Initial lead and 1.5m initial lift

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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)	19866
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	1489.95
CONTRACTOR PROFIT @ 7.5% (+)	1601.69625
LABOUR CESS @ 1% (+)	229.5764625
Grand Total	23187.2227125
Say For Unit 1 (Grand Total/100)	231.872227125

Item 2

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.	571.88	1847.1724	332.491032
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.	36.677	118.46671	0	
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	341.11	153.4995	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.	861.91	775.719	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	85.75	38.5875	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.	157.5	141.75	0	

Total Amount (a+b+c)	6874.10911
Total GST (a)	332.491032
OVERHEAD CHARGES @ 7.5% (+)	540.49501065
CONTRACTOR PROFIT @ 7.5% (+)	581.03213644875
LABOUR CESS @ 1% (+)	83.281272890987
Grand Total	8411.4085619897
Say For Unit 1 (Grand Total/1)	8411.4085619897

Item 3
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
BRM029 : Sand for filling and road blinding	0.03	1 Cum	71.94	2.1582	0
BRMM287 : 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
BRM029 : Sand for filling and road blinding	0.03	1 Cum	341.11	10.2333	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	0.03	1 Cum	85.75	2.5725	0

Total Amount (a+b+c)	623.364				
Total GST (a)	0				
Grand Total	0				
Say For Unit 1 (Grand Total/1)	0				

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
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.	578.776	15.4533192	0
BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.00614	1Mtr.	578.776	3.55368464	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
Total Amount (a+b+c)				2153.43449684	
Total GST (a)					0
OVERHEAD CHARGES @ 7.5% (+)				161.507587263	
CONTRACTOR PROFIT @ 7.5% (+)				173.62065630772	
LABOUR CESS @ 1% (+)				24.885627404107	
Grand Total				2513.4483678148	
Say For Unit 1 (Grand Total/10)				251.34483678148	

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