

Analysis

**OD/346/3305/116243/393095/00072253 : repair and restoration of road from ratnakar
mohapatra house aparti jena house
Block : Nilgiri, Gram Panchayat : Kanas
Created By: Bikram Kishore Parida**

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	341.11	34111	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	442.25	44225	0

Total Amount (a+b+c)	91240.32
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	6843.024
CONTRACTOR PROFIT @ 7.5% (+)	7356.2508
LABOUR CESS @ 1% (+)	1054.395948
Grand Total	106493.990748
Say For Unit 1 (Grand Total/100)	1064.93990748

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

a) Specific Rate Details						
Particular	Quantity	Unit	Rate	Amount	GST	
LR002 : Female mulia	1.4	Per day	462	646.8	0	
LR001 : Male mulia	2.5	Per day	462	1155	0	
LR025 : Mason	0.18	Per day	562	101.16	0	
BRM340 : Cement	2.29	1 Qntl.	537.2	1230.188	221.43384	
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	76.88	36.9024	0	
BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	787.36	755.8656	0	

b) Carriage Rate Details						
Particular	Quantity	Unit	Rate	Amount	GST	
BRM340 : Cement	2.29	1 Qntl.	42.622	97.60438	0	
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	341.11	163.7328	0	
BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	822.85	789.936	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	442.25	212.28	0	
BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1 Cum.	522.5	501.6	0	

Total Amount (a+b+c)						5691.06918
Total GST (a)						221.43384
OVERHEAD CHARGES @ 7.5% (+)						443.4377265
CONTRACTOR PROFIT @ 7.5% (+)						476.6955559875
LABOUR CESS @ 1% (+)						68.326363024875
Grand Total						6900.9626655124
Say For Unit 1 (Grand Total/1)						6900.9626655124

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

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.	537.2	1735.156	312.32808
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.	42.622	137.66906	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.	822.85	740.565	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	442.25	199.0125	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.	522.5	470.25	0

Total Amount (a+b+c)	7235.06606
Total GST (a)	312.32808
OVERHEAD CHARGES @ 7.5% (+)	566.0545605
CONTRACTOR PROFIT @ 7.5% (+)	608.5086525375
LABOUR CESS @ 1% (+)	87.219573530375
Grand Total	8809.1769265679
Say For Unit 1 (Grand Total/1)	8809.1769265679

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