

Analysis

**OD/345/3296/116010/421571/00100616 : CONST OF METAL MOORUM ROAD FROM
KHAIRKHUNT TO NADIKHANDI ROAD
Block : Titlagarh, Gram Panchayat : Ghantabahali
Created By:CHANDRAMANI NAG**

Item 1					
Road Work (AR1308): Supplying & spreading moorum and sand admixture in a ratio (70:30) laying in sub-base in layers not exceeding 100mm watering and compacting to the required density in O.M.C with PRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge.					
Sub-Item of Work moorum and sand admixture laying in sub-base in layers not exceeding 100mm watering and compacting to the required density in O.M.C with PRR					
a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
PM024 : Smooth wheeled Roller 8 -10 tonne Soil compaction 70cum/hour	0.053271	per hour	524.7	27.9512937	0
BRM025 : Gravel or moorum	2.53508	1 Cum	60	152.1048	0
BRM029 : Sand for filling and road blinding	1.08672	1 Cum	71.94	78.1786368	0
LR002 : Female mulia	1.5	Per day	462	693	0
LR001 : Male mulia	1.7075	Per day	462	788.865	0
b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM025 : Gravel or moorum	2.53508	1 Cum	276.01	699.7074308	0
BRM029 : Sand for filling and road blinding	1.08672	1 Cum	406.21	441.4365312	0
c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM025 : Gravel or moorum	2.53508	1 Cum	40.25	102.03697	0
BRM029 : Sand for filling and road blinding	1.08672	1 Cum	55.35	60.149952	0
Total Amount (a+b+c)				3043.4306145	
Total GST (a)					0
OVERHEAD CHARGES @ 7.5% (+)				228.2572960875	
CONTRACTOR PROFIT @ 7.5% (+)				245.37659329406	
LABOUR CESS @ 1% (+)				35.170645038816	
Grand Total				3552.2351489204	
Say For Unit 1 (Grand Total/2.83)				1255.206766403	

Item 2

Road Work (AR1309): Supplying & spreading metal and packing the voids with small stones and hand packing the same to proper camber including conveying spreading of moorum and filling the interstices by spreading the same over the surface, watering, and consolidation with PRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and direction of Engineer-in-Charge.(To be used for minor repair works only) (Complete thickness 75mm)

Sub-Item of Work

metal and packing the voids with small stones and hand packing the same to proper camber

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
PM024 : Smooth wheeled Roller 8 -10 tonne Soil compaction 70cum/hour	0.539048	per hour	524.7	282.8384856	0
BRM025 : Gravel or moorum	0.83	1 Cum	60	49.8	0
BRM076 : I.R.C. Grade II (63mm. to 45mm.)	3.4243	1 Cum.	906.85	3105.326455	0
LR002 : Female mulia	3	Per day	462	1386	0
LR001 : Male mulia	1	Per day	462	462	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM025 : Gravel or moorum	0.83	1 Cum	276.01	229.0883	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM025 : Gravel or moorum	0.83	1 Cum	40.25	33.4075	0

Total Amount (a+b+c)

5548.4607406

Total GST (a)

0

OVERHEAD CHARGES @ 7.5% (+)

416.134555545

CONTRACTOR PROFIT @ 7.5% (+)

447.34464721088

LABOUR CESS @ 1% (+)

64.119399433559

Grand Total

6476.0593427894

Say For Unit 1 (Grand Total/2.83)

2288.3601917984

Item 3

Road Work (AR1306): Labour for admixture of sand and moorum including labour cost, for work as per specification and direction of Engineer-in-Charge.

Sub-Item of Work

Labour for admixture of sand and moorum

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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LR001 : Male mulia	0.25	Per day	462	115.5	0
Total Amount (a+b+c)				115.5	
Total GST (a)				0	
OVERHEAD CHARGES @ 7.5% (+)				8.6625	
CONTRACTOR PROFIT @ 7.5% (+)				9.3121875	
LABOUR CESS @ 1% (+)				1.334746875	
Grand Total				134.809434375	
Say For Unit 1 (Grand Total/1)				134.809434375	

DHIREN KUMAR SAHOO
JE
Titlagarh Block

ANSHU KUMAR
AEE
Titlagarh Block

CHANDRAMANI NAG
BDO
Titlagarh Block