

Analysis

**OD/364/3484/119995/430194/00017803 : Improvement Of Road From Admunda To Rd Road
Block : Malkangiri, Gram Panchayat : Gangala
Created By:Tapan kumar senapati**

Item 1
Earth Work (AR0102aa): Earth work in hard soil or gravelly soil foundation & plinth 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 foundation & plinth within 50m. Initial lead and 1.5m initial lift

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	25.8	Per day	462	11919.6	0
LR001 : Male mulia	25.8	Per day	462	11919.6	0
Total Amount (a+b+c)				23839.2	
Total GST (a)					0
OVERHEAD CHARGES @ 7.5% (+)					1787.94
CONTRACTOR PROFIT @ 7.5% (+)					1922.0355
LABOUR CESS @ 1% (+)					275.491755
Grand Total					27824.667255
Say For Unit 1 (Grand Total/100)					278.24667255

Item 2
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	65.88	167.0110704	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	614.53	1557.8827124	0
BRM029 : Sand for filling and road blinding	1.08672	1 Cum	679.63	738.5675136	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	40.25	43.74048	0

Total Amount (a+b+c)	4197.2336769				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	314.7925257675				
CONTRACTOR PROFIT @ 7.5% (+)	338.40196520006				
LABOUR CESS @ 1% (+)	48.504281678676				
Grand Total	4898.9324495462				
Say For Unit 1 (Grand Total/2.83)	1731.0715369421				

Item 3

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	65.88	54.6804	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	614.53	510.0599	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)			5834.3127406		
Total GST (a)			0		
OVERHEAD CHARGES @ 7.5% (+)			437.573455545		
CONTRACTOR PROFIT @ 7.5% (+)			470.39146471088		
LABOUR CESS @ 1% (+)			67.422776608559		
Grand Total			6809.7004374644		
Say For Unit 1 (Grand Total/2.83)			2406.2545715422		

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