

Analysis

**OD/364/3482/119967/430943/00079025 : Repair and maintenance of of road with CC/Grade-II
Metaling from Kamwada village to MV-28 under 5th SFC MV TAX Fund for the year 2024-25
Block : Korukonda, Gram Panchayat : Kamwada
Created By:MalkangiriKorukondaBDO**

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
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b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM025 : Gravel or moorum	2.53508	1 Cum	471.31	1194.8085548	0
BRM029 : Sand for filling and road blinding	1.08672	1 Cum	471.31	512.1820032	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	96.25	104.5968	0

Total Amount (a+b+c)	3668.6303289
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	275.1472746675
CONTRACTOR PROFIT @ 7.5% (+)	295.78332026756
LABOUR CESS @ 1% (+)	42.395609238351
Grand Total	4281.9565330734
Say For Unit 1 (Grand Total/2.83)	1513.058845609

Item 3

Road Work (AR1341a): Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density as per Clause 404 of MoRT&H Specifications for Road & Bridge works(Last Revision).

Sub-Item of Work

Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRMMR0037 : Cost of water	144	KL	10	1440	0
BRM025 : Gravel or moorum	108	1 Cum	65.88	7115.04	0
BRM075 : I.R.C. Grade I (90mm-45 mm.)	435.6	1 Cum.	790	344124	0
PM027 : Truck mounted water tanker Water transport 6KL	24	per hour	900.84	21620.16	0
PM025 : Smooth wheeled Roller 8 -10 tonne BMcompaction 25cum/hour	12	per hour	524.7	6296.4	0
LR001 : Male mulia	250	Per day	462	115500	0
LR025 : Mason	2	Per day	562	1124	0
LR010 : Mate	10.08	Per day	512	5160.96	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM025 : Gravel or moorum	108	1 Cum	471.31	50901.48	0
BRM075 : I.R.C. Grade I (90mm-45 mm.)	435.6	1 Cum.	471.31	205302.636	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM025 : Gravel or moorum	108	1 Cum	40.25	4347	0
BRM075 : I.R.C. Grade I (90mm-45 mm.)	435.6	1 Cum.	208.5	90822.6	0

Total Amount (a+b+c)	853754.276				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	64031.5707				
CONTRACTOR PROFIT @ 7.5% (+)	68833.9385025				
LABOUR CESS @ 1% (+)	9866.197852025				
Grand Total	996485.98305452				
Say For Unit 1 (Grand Total/360)	2768.0166195959				

RUPAK KUMAR SINGH SAMANT
JE
Korukonda Block

SUKANTA KUMAR SWAIN
AEE
Korukonda Block

MalkangiriKorukondaBDO
BDO
Korukonda Block