

Analysis

OD/368/3534/120831/421649/00016864 : Imp.of Road with cc/Gr-ii Metaling from Digi road to Beldholga road
Block : Nuapada, Gram Panchayat : Biromal
Created By:ROHITA BHOI

Item 1

Earth Work (AR0122Bi): Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift including dressing and leveling the bed, etc. as per direction of Engineer-in-Charge.

Sub-Item of Work

Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRMM402 : Loading into trucks and unloading from trucks within 50 Meter lead (2/3 of rate is consider for loading).	-0.6666	1 Cum	175.38	- 116.908308	0
BRMM401 : Conveyance of material by 10 ton trucks within 5 KM including loading and unloading	1	1 Cum	276.01	276.01	0
LR002 : Female mulia	0.16	Per day	452	72.32	0
LR001 : Male mulia	0.16	Per day	452	72.32	0

Total Amount (a+b+c)

303.741692

Total GST (a)

0

LABOUR CESS @ 1% (+)

3.03741692

Grand Total

306.77910892

Say For Unit 1 (Grand Total/1)

306.77910892

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	452	678	0
LR001 : Male mulia	1.7075	Per day	452	771.79	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	471.31	512.1820032	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM025 : Gravel or moorum	2.53508	1 Cum	75.25	190.76477	0
BRM029 : Sand for filling and road blinding	1.08672	1 Cum	75.25	81.77568	0

Total Amount (a+b+c)	3207.3608849				
Total GST (a)	0				
LABOUR CESS @ 1% (+)	32.073608849				
Grand Total	3239.434493749				
Say For Unit 1 (Grand Total/2.83)	1144.676499558				

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.	804.94	350631.864	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	452	113000	0
LR025 : Mason	2	Per day	552	1104	0
LR010 : Mate	10.08	Per day	502	5060.16	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM025 : Gravel or moorum	108	1 Cum	276.01	29809.08	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	75.25	8127	0
BRM075 : I.R.C. Grade I (90mm-45 mm.)	435.6	1 Cum.	279.5	121750.2	0

Total Amount (a+b+c)	871256.54
Total GST (a)	0
LABOUR CESS @ 1% (+)	8712.5654
Grand Total	879969.1054
Say For Unit 1 (Grand Total/360)	2444.3586261111

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