

Analysis

**OD/347/3314/116425/380680/00066293 : IMP OF ROAD WITH GR-II METAL FROM
KENDUGUDIA TO RD ROAD**

Block : Bhatli, Gram Panchayat : Kelendapali

Created By: BDO Bhatli

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	62.08	157.3777664	0
BRM029 : Sand for filling and road blinding	1.08672	1 Cum	60.3	65.529216	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	471.31	512.1820032	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM025 : Gravel or moorum	2.53508	1 Cum	140.25	355.54497	0
BRM029 : Sand for filling and road blinding	1.08672	1 Cum	165.25	179.58048	0

Total Amount (a+b+c)	3479.7381601
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	260.9803620075
CONTRACTOR PROFIT @ 7.5% (+)	280.55388915806
LABOUR CESS @ 1% (+)	40.212724112656
Grand Total	4061.4851353782
Say For Unit 1 (Grand Total/2.83)	1435.1537580842

Item 2

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	62.08	6704.64	0
BRM075 : I.R.C. Grade I (90mm-45 mm.)	435.6	1 Cum.	793.05	345452.58	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	276.01	29809.08	0
BRM075 : I.R.C. Grade I (90mm-45 mm.)	435.6	1 Cum.	731.71	318732.876	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM025 : Gravel or moorum	108	1 Cum	140.25	15147	0
BRM075 : I.R.C. Grade I (90mm-45 mm.)	435.6	1 Cum.	249.5	108682.2	0

Total Amount (a+b+c)	975669.896
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	73175.2422
CONTRACTOR PROFIT @ 7.5% (+)	78663.385365
LABOUR CESS @ 1% (+)	11275.08523565
Grand Total	1138783.6088007
Say For Unit 1 (Grand Total/360)	3163.287802224

Krushna Chandra Kisan
JE
Bhatli Block

Ramjit Hansda
AEE
Bhatli Block

BDO Bhatli
BDO
Bhatli Block