

Analysis

OD/346/3298/116051/393819/00107098 : REPAIR AND MAINTENANCE OF THE ROAD AND BRIDGE FROM RD ROAD TO KAMARIPUR PWD ROAD VIA-KRUSHNAPUR HATIPANDA
Block : Bahanaga, Gram Panchayat : Dandaharipur
Created By:Subhashree Tudu

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	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	1183.91	3001.3065628	0	
BRM029 : Sand for filling and road blinding	1.08672	1 Cum	822.85	894.207552	0	

c) Royalty Rate Details						
Particular	Quantity	Unit	Rate	Amount	GST	
BRM025 : Gravel or moorum	2.53508	1 Cum	146.25	370.75545	0	
BRM029 : Sand for filling and road blinding	1.08672	1 Cum	442.25	480.60192	0	

Total Amount (a+b+c)	6501.8774857
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	487.6408114275
CONTRACTOR PROFIT @ 7.5% (+)	524.21387228456
LABOUR CESS @ 1% (+)	75.137321694121
Grand Total	7588.8694911062
Say For Unit 1 (Grand Total/2.83)	2681.5793254792

Item 2

Road Work (AR1305): Supplying & spreading metal to proper camber and consolidation with filler materials laterite moorum and consolidation with H.R.R. including watering and turf edging including cost, conveyance, royalty, and taxes, etc. required for work as per specification and direction of Engineer-in-Charge.

Sub-Item of Work

Filler materials laterite moorum and consolidation with H.R.R.

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM041 : Granite Stone broken metal 63mm. size Passing through 90mm. Sieve and retained on 53 mm sieve (Hand broken)	2.83	1 Cum.	700.88	1983.4904	0
BRM025 : Gravel or moorum	0.849	1 Cum	65.88	55.93212	0
LR002 : Female mulia	2	Per day	462	924	0
LR001 : Male mulia	3	Per day	462	1386	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM041 : Granite Stone broken metal 63mm. size Passing through 90mm. Sieve and retained on 53 mm sieve (Hand broken)	2.83	1 Cum.	666.61	1886.5063	0
BRM025 : Gravel or moorum	0.849	1 Cum	1183.91	1005.13959	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM041 : Granite Stone broken metal 63mm. size Passing through 90mm. Sieve and retained on 53 mm sieve (Hand broken)	2.83	1 Cum.	552.5	1563.575	0
BRM025 : Gravel or moorum	0.849	1 Cum	146.25	124.16625	0

Total Amount (a+b+c)	8928.80966
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	669.6607245
CONTRACTOR PROFIT @ 7.5% (+)	719.8852788375
LABOUR CESS @ 1% (+)	103.18355663338
Grand Total	10421.539219971
Say For Unit 1 (Grand Total/2.83)	3682.5226925692

Item 3

Road Work (AR1307): Supplying & spreading moorum and consolidation with HRR 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
Supplying & spreading moorum and consolidation with HRR

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM025 : Gravel or moorum	3.6224	1 Cum	65.88	238.643712	0
LR002 : Female mulia	1.5	Per day	462	693	0
LR001 : Male mulia	1.5	Per day	462	693	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM025 : Gravel or moorum	3.6224	1 Cum	1183.91	4288.595584	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM025 : Gravel or moorum	3.6224	1 Cum	146.25	529.776	0

Total Amount (a+b+c)				6443.015296	
Total GST (a)				0	
OVERHEAD CHARGES @ 7.5% (+)				483.2261472	
CONTRACTOR PROFIT @ 7.5% (+)				519.46810824	
LABOUR CESS @ 1% (+)				74.4570955144	
Grand Total				7520.1666469544	
Say For Unit 1 (Grand Total/2.83)				2657.302702104	

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