

Analysis

OD/356/3400/118416/400977/00085989 : Priya road Construction

Block : Jajpur, Gram Panchayat : Badasuar

Created By:Hemanta Kumar Mohanta

Item 1
Road Work (AR1332a): Laying 20mm thick premix carpet using 0.23cum of 13.2mm to 5.6mm size crushed stone chipping and 12.70kg. viscosity grade (VG-30) of bitumen (from Paradip) for 9.29sqm including cost conveyance, royalty, taxes, cess etc. of all materials, hire and running charges of PRR etc. complete as per specification and direction of the Engineer-in-Charge.
Sub-Item of Work Laying 20mm thick premix carpet

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM350 : PARADIP BULK VG-30	8.05	1 MT	40442	325558.1	58600.458
PM025 : Smooth wheeled Roller 8 -10 tonne BMcompaction 25cum/hour	88.0598	per hour	524.7	46204.97706	0
BRM058 : Granite Stone broken chips 11.2mm. size (Passing through 13.2mm sieve & retained on 5.6mm sieve) (Crusher broken)	49.57	1 Cum.	1415.4	70161.378	0
BRM054 : Granite Stone broken chips 13.2mm. Size (Passing through 22.4mm sieve & retained on 11.2mm sieve) (Crusher broken)	96.23	1 Cum.	1361	130969.03	0
BRM106 : Fire wood	24.2	1Qntl	588	14229.6	0
LR001 : Male mulia	400	Per day	462	184800	0
LR010 : Mate	44	Per day	512	22528	0

b) Carriage Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM350 : PARADIP BULK VG-30	8.05	1 MT	366.77	2952.4985	0
BRM058 : Granite Stone broken chips 11.2mm. size (Passing through 13.2mm sieve & retained on 5.6mm sieve) (Crusher broken)	49.57	1 Cum.	445.27	22072.0339	0
BRM054 : Granite Stone broken chips 13.2mm. Size (Passing through 22.4mm sieve & retained on 11.2mm sieve) (Crusher broken)	96.23	1 Cum.	367.15	35330.8445	0

c) Royalty Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
BRM350 : PARADIP BULK VG-30	8.05	1 MT	0	0	0
BRM058 : Granite Stone broken chips 11.2mm. size (Passing through 13.2mm sieve & retained on 5.6mm sieve) (Crusher broken)	49.57	1 Cum.	149.5	7410.715	0
BRM054 : Granite Stone broken chips 13.2mm. Size (Passing through 22.4mm sieve & retained on 11.2mm sieve) (Crusher broken)	96.23	1 Cum.	149.5	14386.385	0

Total Amount (a+b+c)	876603.56196
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Total GST (a)	58600.458
LABOUR CESS @ 1% (+)	9352.0401996
Grand Total	944556.0601596
Say For Unit 1 (Grand Total/5889)	160.39328581416

Item 2

Road Work (AR1321aii): Laying 20mm thick premix carpet using 0.27cum of 13.2mm to 5.6mm size crushed stone chipping and 14.60kg. viscosity grade (VG-30) bitumen (from Kakinada) for 10sqm including hand packing to proper camber and consolidation with PRR including cost conveyance, royalty, taxes, cess etc. of all materials, hire and running charges of PRR, hot mix plant, bitumen boilers and all other T & P articles required for the work complete as per specification and direction of the Engineer-in-Charge.

Sub-Item of Work

Laying 20mm thick premix carpet using 0.27cum of 13.2mm to 5.6mm (VG-30) bitumen (from Kakinada)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM351 : KAKINADA BULK VG-30	8.59794	1 MT	39592	340409.64048	61273.7352864
PM025 : Smooth wheeled Roller 8 -10 tonne BMcompaction 25cum/hour	88.0598	per hour	524.7	46204.97706	0
PM053 : Bitumen boiler oil fired Bitumen spraying 1500Litre	74.5	per hour	198.11	14759.195	0
PM044 : Hotmix plant -8 to 10TPH Premix cum/hour	14.9	per hour	1586.51	23638.999	0
BRM058 : Granite Stone broken chips 11.2mm. size (Passing through 13.2mm sieve & retained on 5.6mm sieve) (Crusher broken)	53.001	1 Cum.	1415.4	75017.6154	0
BRM054 : Granite Stone broken chips 13.2mm. Size (Passing through 22.4mm sieve & retained on 11.2mm sieve) (Crusher broken)	106.002	1 Cum.	1361	144268.722	0
BRM106 : Fire wood	25.7	1Qntl	588	15111.6	0
LR001 : Male mulia	427	Per day	462	197274	0
LR010 : Mate	47	Per day	512	24064	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM351 : KAKINADA BULK VG-30	8.59794	1 MT	331.1	2846.777934	0
BRM058 : Granite Stone broken chips 11.2mm. size (Passing through 13.2mm sieve & retained on 5.6mm sieve) (Crusher broken)	53.001	1 Cum.	445.27	23599.75527	0
BRM054 : Granite Stone broken chips 13.2mm. Size (Passing through 22.4mm sieve & retained on 11.2mm sieve) (Crusher broken)	106.002	1 Cum.	367.15	38918.6343	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
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BRM351 : KAKINADA BULK VG-30	8.59794	1 MT	0	0	0
BRM058 : Granite Stone broken chips 11.2mm. size (Passing through 13.2mm sieve & retained on 5.6mm sieve) (Crusher broken)	53.001	1 Cum.	149.5	7923.6495	0
BRM054 : Granite Stone broken chips 13.2mm. Size (Passing through 22.4mm sieve & retained on 11.2mm sieve) (Crusher broken)	106.002	1 Cum.	149.5	15847.299	0

Total Amount (a+b+c)	969884.864944
Total GST (a)	61273.7352864
LABOUR CESS @ 1% (+)	10311.586002304
Grand Total	1041470.1862327
Say For Unit 1 (Grand Total/5889)	176.85009105667

Item 3

Road Work (AR1322ai): Laying 6mm thick precoated seal coat Type-B using 0.06 cum of 6.7mm size chips as per sieve analysis and 6.8Kg of viscosity grade (VG-30) bitumen (from Haldia) per 10sqm.including cost conveyance, royalty, taxes, cess etc. of all materials, hire and running charges of PRR, hot mix plant, tar boiler and all other T&P articles etc. required for the work complete as per specification and direction of the Engineer-in-Charge.

Sub-Item of Work

Laying 6mm thick precoated seal coat Type-B (VG-30) bitumen (from Haldia)

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM348 : HALDIA BULK VG-30	4.00452	1 MT	41792	167356.89984	30124.2419712
PM025 : Smooth wheeled Roller 8 -10 tonne BMcompaction 25cum/hour	50.7126	per hour	524.7	26608.90122	0
PM053 : Bitumen boiler oil fired Bitumen spraying 1500Litre	16.5	per hour	198.11	3268.815	0
PM044 : Hotmix plant -8 to 10TPH Premix cum/hour	3.3	per hour	1586.51	5235.483	0
BRM062 : Granite Stone broken chips 6.7mm size (Passing through 11.2mm sieve & retained on 2.8mm sieve)	35.334	1 Cum.	950.1	33570.8334	0
BRM106 : Fire wood	12	1Qntl	588	7056	0
LR001 : Male mulia	299	Per day	462	138138	0
LR010 : Mate	9	Per day	512	4608	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM348 : HALDIA BULK VG-30	4.00452	1 MT	354.88	1421.1240576	0
BRM062 : Granite Stone broken chips 6.7mm size (Passing through 11.2mm sieve & retained on 2.8mm sieve)	35.334	1 Cum.	419.23	14813.07282	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM348 : HALDIA BULK VG-30	4.00452	1 MT	0	0	0
BRM062 : Granite Stone broken chips 6.7mm size (Passing through 11.2mm sieve & retained on 2.8mm sieve)	35.334	1 Cum.	149.5	5282.433	0
Total Amount (a+b+c)				407359.5623376	
Total GST (a)				30124.2419712	
LABOUR CESS @ 1% (+)				4374.838043088	
Grand Total				441858.64235189	
Say For Unit 1 (Grand Total/5889)				75.031183961944	

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