

Detailed Estimate

OD/356/3400/118416/400977/00086024 : PRIYA road
Block : Jajpur, Gram Panchayat : Badasuar
Created By:Pratap Kumar Sethy

1. Road Work (AR1344a) : Providing and applying tack coat with bitumen emulsion rapid setting (packed) using emulsion pressure distributor								
Providing and applying tack coat with bitumen emulsion rapid setting (packed) (from Bhubaneswar) using emulsion pressure distributor at the rate of 0.20 kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom as per MoRT&H Specifications for Road & Bridge works (Last Revision) including cost conveyance, taxes, cess etc. of all materials and direction of the Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	priya road	1.000	10.000	5.000	4.000	6.000	1200.000	-
Total Quantity						1200 Sqm (Sqm)	1200 Sqm (Square Meter)	
Amount						1200 X 13.479887662857	16175.87	
2. Road Work (AR1321a) : Laying 20mm thick premix carpet using 0.27cum of 13.2mm to 5.6mm (VG-30) bitumen (from Kakinada)								
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	priya road	1.000	10.000	5.000	2.000	3.000	300.000	-
Total Quantity						300 Sqm (Sqm)	300 Sqm (Square Meter)	
Amount						300 X 188.43539725867	56530.62	
3. Road Work (AR1354b) : Providing and laying 25 mm thick mastic asphalt wearing course with paving grade bitumen (packed) (from Haldia)								
Providing and laying 25 mm thick mastic asphalt wearing course with paving grade bitumen (packed) (from Haldia) meeting the requirements given in table 500-29, prepared by using mastic cooker and laid to required level and slope after cleaning the surface, including providing antiskid surface with bitumen precoated fine grained hard stone chipping of 13.2mm nominal size @ 0.005cum per 10sqm and at an approximate spacing of 10cm center to center in both directions, pressed into surface when the temperature of surfaces is not less than 100 degree centigrade, protruding 1 mm to 4 mm over mastic surface all complete as per MoRT&H Specifications for Road & Bridge works (Last Revision) including cost conveyance, taxes, cess etc. of all materials and direction of the Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	priya road	1.000	2.000	4.000	5.000	6.000	240.000	-
Total Quantity					240 Sqm (Sqm)		240 Sqm (Square Meter)	
Amount					240 X 1259.3311708829		302239.48	

4. Road Work (AR1305i) : Filler materials crusher dust and consolidation with H.R.R.

Supplying & spreading metal to proper camber with filler materials crusher dust 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	priya	1.000	6.000	5.000	4.000	4.000	480.000	-
Total Quantity					480 Cft (Cubic Foot)		13.592064 Cum (Cubic Meter)	
Amount					13.592064 X 2336.493616417		31757.77	

Total Amount (A) : 406703.74

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for PH Work @ Rs.2	-	2
2	Provision for EI Work @ 5%	-	20335.186807743
3	Provision for Contingency @ 5%	-	20335.186807743
4	Display Citizen Board @ 5%	-	20335.186807743
5	Any Other Lumpsum @ 2%	-	8134.0747230972
6	Provision for survey investigation and quality control @ 5%	-	20335.186807743

Additional Components Amount (F) : 89476.821954069

Grand Total Amount (A + F) : 496180.55810893

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