

Detailed Estimate

OD/366/3520/120532/427257/00086009 : Angara gaon sadaka
Block : Raighar, Gram Panchayat : Chhelidangari
Created By: SUKANTA MEHER

1. Road Work (AR1341d) : Providing, laying, spreading and compacting Grading-II stone aggregates of specific sizes using stone screened dust to water bound macadam								
Providing, laying, spreading and compacting Grading-II stone aggregates of specific sizes using stone screened dust 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).								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD	1.000	2.000	2.000	1.000	2.000	8.000	-
Total Quantity					8 Cft (Cubic Foot)		0.2265344 Cum (Cubic Meter)	
Amount					0.2265344 X 1734.2599003806		392.87	
2. Road Work (AR1322a) : Laying 6mm thick precoated seal coat Type-B (VG-30) bitumen (from Paradip)								
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 Paradip) 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	VFCVC	2.000	3.000	2.000	2.000	2.000	48.000	-
Total Quantity					48 Sft (Square Foot)		4.459344 Sqm (Square Meter)	
Amount					4.459344 X 74.511113295772		332.27	
3. Road Work (AR1321a) : Laying 20mm thick premix carpet using 0.27cum of 13.2mm to 5.6mm (VG-30) bitumen (from Paradip)								
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 Paradip) 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	BFH	3.000	3.000	5.000	4.000	4.000	720.000	-
Total Quantity					720 Sft (Square Foot)		66.89016 Sqm (Square Meter)	
Amount					66.89016 X 180.21986563915		12054.94	
4. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal								
Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	BVG	4.000	3.000	5.000	6.000	2.000	720.000	-
Total Quantity					720 Cft (Cubic Foot)		20.388096 Cum (Cubic Meter)	
Amount					20.388096 X 5325.8242835		108583.42	
5. Concrete (AR0304a) : Cement concrete (1:4:8) with 4 cm. hard granite(Hand Broken) metal								
Cement concrete (1:4:8) with 4 cm. hard granite(Hand Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	BCG	5.000	10.000	2.000	3.000	4.000	1200.000	-
Total Quantity					1200 Cft (Cubic Foot)		33.98016 Cum (Cubic Meter)	
Amount					33.98016 X 4716.5372284		160268.69	
6. Road Work (AR1332b) : Laying 20mm thick premix carpet (VG-30) of bitumen (packed) (from Haldia)								
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 (packed) (from Haldia) 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	BFGF	2.000	6.000	2.000	4.000	2.000	192.000	-
Total Quantity					192 Sft (Square Foot)		17.837376 Sqm (Square Meter)	

Amount	17.837376 X 176.57122759205	3149.57
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Total Amount (A) : 284781.75

Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Provision for PH Work @ Rs.10	-	10
2	Provision for EI Work @ 1%	-	2847.8174967523
3	Provision for Contingency @ Rs.2	-	2
4	Display Citizen Board @ Rs.1	-	1
5	Any Other Lumpsum @ 2%	-	5695.6349935046
6	Provision for survey investigation and quality control @ Rs.10	-	10
Additional Components Amount (F) : 8566.4524902569			

Grand Total Amount (A + F) : 293348.20216548

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AEE
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