

Detailed Estimate

OD/366/3520/120536/427221/00085974 : PRAGATI

Block : Raighar, Gram Panchayat : Haladi

Created By: SUKANTA MEHER

1. Road Work (AR1341a) : Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam								
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).								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	abc	2.000	4.000	2.000	4.000	10.000	640.000	-
Total Quantity					640 Cft (Cubic Foot)		18.122752 Cum (Cubic Meter)	
Amount					18.122752 X 2553.3406561111		46273.56	
2. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	def	2.000	10.000	8.000	4.000	18.000	11520.000	-
Total Quantity					11520 Sft (Square Foot)		1070.24256 Sqm (Square Meter)	
Amount					1070.24256 X 183.42602620315		196310.34	
3. Road Work (AR1354a) : Providing and laying 25 mm thick mastic asphalt wearing course with paving grade bitumen (from Paradip)								
Providing and laying 25 mm thick mastic asphalt wearing course with paving grade bitumen (from Paradip) 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	jkl	4.000	2.000	2.000	1.000	2.000	32.000	-
Total Quantity					32 Sft (Square Foot)		2.972896 Sqm (Square Meter)	
Amount					2.972896 X 1192.4038694771		3544.89	

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	xyz	2.000	2.000	4.000	4.000	4.000	256.000	-
Total Quantity					256 Cft (Cubic Foot)		7.2491008 Cum (Cubic Meter)	
Amount					7.2491008 X 5545.3853959		40199.06	

5. Concrete (AR0307a) : Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum

Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specifaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	pqr	2.000	2.000	2.000	6.000	12.000	576.000	-
Total Quantity					576 Cft (Cubic Foot)		16.3104768 Cum (Cubic Meter)	
Amount					16.3104768 X 6735.8863743		109865.52	

Total Amount (A) : 396193.37

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 5%	-	19809.668408782
2	Display Citizen Board @ 5%	-	19809.668408782

Additional Components Amount (F) : 39619.336817564

Grand Total Amount (A + F) : 435812.70499321

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