

Detailed Estimate

OD/345/3296/116015/421450/00100493 : Const of Metal Moorum road from Kushkela To Nadi Khandi Road
Block : Titlagarh, Gram Panchayat : Kuskela
Created By: BIRENDRA NATH SINGH

1. Road Work (AR1308) : 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								
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Sub base	1.000	410.000	3.000	0.100	0.000	123.000	-
ii	Topping	1.000	410.000	3.000	0.025	0.000	30.750	-
Total Quantity						153.75 cum (cum)	153.75 Cum (Cubic Meter)	
Amount						153.75 X 1032.1452380512	158692.33	
2. Road Work (AR1306) : Labour for admixture of sand and moorum								
Labour for admixture of sand and moorum including labour cost, for work as per specification and direction of Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Berm	2.000	410.000	0.600	0.150	0.000	73.800	-
ii	Deduction for Voids	2.000	410.000	0.600	0.150	0.125	-	9.225
Total Quantity						64.575 cum (cum)	64.575 Cum (Cubic Meter)	
Amount						64.575 X 116.655	7533.00	
3. 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).								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	Metal	1.000	410.000	3.000	0.100	0.000	123.000	-
Total Quantity					123 cum (cum)		123 Cum (Cubic Meter)	
Amount					123 X 2131.1111661111		262126.67	

Total Amount (A) : 428352.00

Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.4470	-	4470
2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.9213	Transportation cost of Roller	9213
Additional Components Amount (F) : 18683			

Grand Total Amount (A + F) : 447035.00040704

BIRENDRA NATH SINGH
JE
Titlagarh Block

ANSHU KUMAR
AEE
Titlagarh Block

CHANDRAMANI NAG
BDO
Titlagarh Block