

Detailed Estimate

OD/345/3296/116023/421532/00062845 : IMPROVEMENT OF ROAD FROM KALIMANDIR TO JORE ROAD

Block : Titlagarh, Gram Panchayat : Sihini

Created By:HAREKRUSHNA DASH

1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift								
Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	2.000	68.500	0.225	0.200	0.000	6.165	-
Total Quantity					6.165 cum (cum)		6.165 Cum (Cubic Meter)	
Amount					6.165 X 240.77592		1484.38	
2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed								
Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut Off	2.000	68.500	0.225	0.075	0.000	2.312	-
ii	Road	1.000	68.500	3.200	0.100	0.000	21.920	-
Total Quantity					24.231875 cum (cum)		24.231875 Cum (Cubic Meter)	
Amount					24.231875 X 465.007232		11268.00	
3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal								
Cement concrete (1:3:6) 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut Off	2.000	68.500	0.225	0.300	0.000	9.248	-

ii	Road	1.000	68.500	3.200	0.100	0.000	21.920	-
Total Quantity					31.1675 cum (cum)		31.1675 Cum (Cubic Meter)	
Amount					31.1675 X 4851.41368486		151206.44	
4. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum								
Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section 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	Road	1.000	68.500	3.650	0.075	0.000	18.752	-
Total Quantity					18.751875 cum (cum)		18.751875 Cum (Cubic Meter)	
Amount					18.751875 X 6558.68132082		122987.57	
5. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc								
Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut Off	2.000	68.500	0.000	0.200	0.000	27.400	-
Total Quantity					27.4 Sqm (Sqm)		27.4 Sqm (Square Meter)	
Amount					27.4 X 216.23489289764		5924.84	
Total Amount							292871.23	
Addition								
Provision for Contingency (+) @							3000.00	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							1128.00	

Provision for survey investigation and quality control (+) @	
Total Addition	7128.00
Grand Net Total Amount	299999.23

HAREKRUSHNA DASH
JE
Titlagarh Block

ANSHU KUMAR
AEE
Titlagarh Block

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BDO
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