

Detailed Estimate

OD/350/3336/116943/399148/00017011 : Improvement Of Road From Madhupur School To Smasan Road

Block : Baranga, Gram Panchayat : Madhupur

Created By: Buddhadev Jena

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	Road Cutoff	2.000	21.000	0.225	0.100	0.000	0.945	-
Total Quantity					0.945 cum (cum)		0.945 Cum (Cubic Meter)	
Amount					0.945 X 240.77592		227.53	
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	Road Cutoff	2.000	21.000	0.225	0.050	0.000	0.473	-
ii	Road Base	1.000	21.000	3.200	0.100	0.000	6.720	-
Total Quantity					7.1925 cum (cum)		7.1925 Cum (Cubic Meter)	
Amount					7.1925 X 667.007232		4797.45	
3. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road Cutoff	2.000	21.000	0.225	0.150	0.000	1.418	-
ii	Road Base	1.000	21.000	3.650	0.100	0.000	7.665	-
Total Quantity					9.0825 cum (cum)		9.0825 Cum (Cubic Meter)	

Amount						9.0825 X 5955.08241806	54087.04	
4. 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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road Side	2.000	21.000	0.000	0.250	0.000	10.500	-
Total Quantity					10.5 Sqm (Sqm)		10.5 Sqm (Square Meter)	
Amount						10.5 X 216.23489289764	2270.47	
5. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road Wearing Coat	1.000	21.000	3.650	0.075	0.000	5.749	-
Total Quantity					5.74875 cum (cum)		5.74875 Cum (Cubic Meter)	
Amount						5.74875 X 7484.88570122	43028.74	
Total Amount							104411.22	
Addition								
Provision for Contingency (+) @							1044.11	
Display Citizen Board (+) @							1000.00	
Any Other Lumpsum (+) @							713.50	
Total Addition							2757.61	
Grand Net Total Amount							107168.83	