

Detailed Estimate

OD/355/3393/118229/397658/00073234 : Repairing of Approach Road from Nandan-1 School to Main Road, Vill-Nandan

**Block : Tirtol, Gram Panchayat : Patilo
Created By: KISHORE CHANDRA SAHOO**

1. 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	cutoff	2.000	28.000	0.225	0.050	0.000	0.630	-
ii	base	1.000	28.000	2.600	0.100	0.000	7.280	-
Total Quantity					7.91 cum (cum)		7.91 Cum (Cubic Meter)	
Amount					7.91 X 798.771832		6318.29	
2. 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	cutoff	2.000	28.000	0.225	0.100	0.000	1.260	-
ii	road	1.000	28.000	3.050	0.100	0.000	8.540	-
Total Quantity					9.8 cum (cum)		9.8 Cum (Cubic Meter)	
Amount					9.8 X 6789.49924278		66537.09	
3. 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	cutoff	2.000	28.000	0.000	0.300	0.000	16.800	-
Total Quantity					16.8 Sqm (Sqm)		16.8 Sqm (Square Meter)	
Amount					16.8 X 216.23489289764		3632.75	
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 specificaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	28.000	3.050	0.088	0.000	7.473	-
Total Quantity					7.4725 cum (cum)		7.4725 Cum (Cubic Meter)	
Amount					7.4725 X 8241.71765086		61586.24	
5. Earth Work (AR0101a) : Earthwork in ordinary soil within 50m, initial lead and 1.5m, initial lift								
Earth work in ordinary soil 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 direction of the Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff	2.000	28.000	0.225	0.225	0.000	2.835	-
Total Quantity					2.835 cum (cum)		2.835 Cum (Cubic Meter)	
Amount					2.835 X 149.3184		423.32	
Total Amount							138497.68	
Addition								
Provision for Contingency (+) @							1384.98	
Display Citizen Board (+) @							1500.00	
Any Other Lumpsum (+) @							2405.00	
Provision for survey investigation and quality control (+) @								

Total Addition	5289.98
Grand Net Total Amount	143787.65

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