

Detailed Estimate

OD/363/3471/119804/428982/00016427 : Const of Road at Giralaguda, Lankaput

Block : Koraput, Gram Panchayat : Lankaput

Created By:Sanjay Kumar Prusty

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 Bed	1.000	84.000	3.600	0.150	0.000	45.360	-
ii	Cutoff	2.000	84.000	0.250	0.250	0.000	10.500	-
Total Quantity					55.86 cum (cum)		55.86 Cum (Cubic Meter)	
Amount					55.86 X 240.77592		13449.74	
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 Bed	1.000	84.000	3.600	0.100	0.000	30.240	-
Total Quantity					30.24 cum (cum)		30.24 Cum (Cubic Meter)	
Amount					30.24 X 712.760232		21553.87	
3. 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	Cutoff	2.000	84.000	0.250	0.250	0.000	10.500	-

Total Quantity		10.5 cum (cum)	10.5 Cum (Cubic Meter)					
Amount		10.5 X 7343.1281491	77102.85					
4. miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC								
Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	84.000	3.100	0.000	0.000	260.400	-
Total Quantity					260.4 Sqm (Sqm)		260.4 Sqm (Square Meter)	
Amount					260.4 X 627.858		163494.22	
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	Cutoff	4.000	84.000	0.000	0.250	0.000	84.000	-
Total Quantity					84 Sqm (Sqm)		84 Sqm (Square Meter)	
Amount					84 X 216.70813962884		18203.48	
Total Amount							293804.16	
Addition								
Provision for Contingency (+) @							2938.04	
Display Citizen Board (+) @							3200.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								

Total Addition	6138.04
Grand Net Total Amount	299942.21

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