

Detailed Estimate

OD/364/3484/119996/430265/00015647 : Improvement of Road From R.D Road To Segregation Shed At Biraguda.
Block : Malkangiri, Panchayat : Goudaguda
Created By:Er. BIBHUTI BHUSAN ROUT

1. Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift								
Earth work in hard soil or gravelly 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 the direction of the Engineer-in-charge								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Formation	1.000	20.000	3.000	0.100	0.000	6.000	-
ii	Cut off	2.000	20.000	0.230	0.250	0.000	2.300	-
Total Quantity					8.3 cum (cum)		8.3 Cum (Cubic Meter)	
Amount					8.3 X 196.3036		1629.32	
2. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Flank	1.000	24.000	0.400	0.150	0.000	1.440	-
Total Quantity					1.44 cum (cum)		1.44 Cum (Cubic Meter)	
Amount					1.44 X 1191.9855219749		1716.46	
3. 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	24.000	0.230	0.050	0.000	0.552	-
ii	Bed	1.000	24.000	2.540	0.070	0.000	4.267	-
Total Quantity					4.8192 cum (cum)		4.8192 Cum (Cubic Meter)	

Amount						4.8192 X 580.009872	2795.18	
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 specifaicaion and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	W C	1.000	24.000	3.000	0.100	0.000	7.200	-
Total Quantity					7.2 cum (cum)		7.2 Cum (Cubic Meter)	
Amount						7.2 X 7403.97194694	53308.60	
5. 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	Cut off	2.000	20.000	0.230	0.350	0.000	3.220	-
ii	Bed	1.000	20.000	2.540	0.090	0.000	4.572	-
iii	Below pipe	2.000	1.500	0.450	0.150	0.000	0.203	-
iv		2.000	1.000	0.250	0.900	0.000	0.450	-
v		1.000	3.000	0.400	0.100	0.000	0.120	-
Total Quantity					8.5645 cum (cum)		8.5645 Cum (Cubic Meter)	
Amount						8.5645 X 5756.01016162	49297.35	
Total Amount							108746.91	
Addition								
Provision for Contingency (+) @							1087.47	
Display Citizen Board (+) @							2000.00	
Any Other Lumpsum (+) @							13165.00	
Total Addition							16252.47	

Grand Net Total Amount	124999.38
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