

Detailed Estimate

OD/347/3315/116448/380495/00018606 : Imp. of Road with CC/ Grade-II Metalling near Remunda Sankranti Pitha

Block : Bheden, Gram Panchayat : Remunda

Created By: Sulagna Pradhan

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	Cutoff	2.000	57.500	0.250	0.150	1.000	4.313	-
Total Quantity					4.3125 cum (cum)		4.3125 Cum (Cubic Meter)	
Amount					4.3125 X 240.77592		1038.35	
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	Cutoff	2.000	57.500	0.250	0.050	1.000	1.438	-
ii	Bed	1.000	57.500	3.150	0.100	1.000	18.113	-
Total Quantity					19.55 cum (cum)		19.55 Cum (Cubic Meter)	
Amount					19.55 X 731.101832		14293.04	
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	CUTOFF	2.000	57.500	0.250	0.200	1.000	5.750	-
ii	ROAD	1.000	57.500	3.650	0.100	1.000	20.988	-
Total Quantity					26.7375 cum (cum)		26.7375 Cum (Cubic Meter)	

Amount		26.7375 X 5558.12549752		148610.38				
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	57.500	3.650	0.075	1.000	15.741	-
Total Quantity					15.740625 cum (cum)		15.740625 Cum (Cubic Meter)	
Amount		15.740625 X 7133.88807924		112291.86				
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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	OUTER	2.000	57.500	0.000	0.175	1.000	20.125	-
ii	INNER	2.000	57.500	0.000	0.100	1.000	11.500	-
Total Quantity					31.625 Sqm (Sqm)		31.625 Sqm (Square Meter)	
Amount		31.625 X 216.23489289764		6838.43				
6. Road Work (AR1307) : Supplying & spreading moorum and consolidation with HRR								
Supplying & spreading moorum and consolidation with HRR 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	BERM FILLING	2.000	57.500	0.300	0.200	1.000	6.900	-
Total Quantity					6.9 cum (cum)		6.9 Cum (Cubic Meter)	
Amount		6.9 X 1158.2961286784		7992.24				
Total Amount							291064.30	
Addition								

Provision for Contingency (+) @	3000.00
Display Citizen Board (+) @	5000.00
Any Other Lumpsum (+) @	935.70
Provision for survey investigation and quality control (+) @	
Total Addition	8935.70
Grand Net Total Amount	300000.00