

Detailed Estimate

OD/350/3336/116935/399154/00016937 : Maint. & Imp. of Road with CC/ Gr-11 Metalling from Belagachhia River Bank to Sukanta Pradhan House via Mohanty Sahi
Block : Baranga, Gram Panchayat : Belagachhia
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	10.000	0.250	0.100	0.000	0.500	-
ii	Road Cutoff	2.000	13.500	0.250	0.100	0.000	0.675	-
iii	Road Base	1.000	10.000	1.850	0.100	0.000	1.850	-
iv	Road Base	1.000	11.000	2.000	0.100	0.000	2.200	-
v	Road Base	1.000	5.000	1.750	0.100	0.000	0.875	-
vi	Road Base	1.000	7.500	2.100	0.100	0.000	1.575	-
Total Quantity					7.675 cum (cum)		7.675 Cum (Cubic Meter)	
Amount					7.675 X 240.77592		1847.96	
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	10.000	0.250	0.050	0.000	0.250	-
ii	Road Cutoff	2.000	13.500	0.250	0.050	0.000	0.338	-
iii	Road Base	1.000	10.000	3.050	0.100	0.000	3.050	-
iv	Road Base	1.000	13.500	3.100	0.100	0.000	4.185	-
v	Road Base	1.000	10.000	1.850	0.075	0.000	1.388	-
vi	Road Base	1.000	11.000	2.000	0.075	0.000	1.650	-

vii	Road Base	1.000	5.000	1.750	0.075	0.000	0.656	-
viii	Road Base	1.000	7.500	2.100	0.075	0.000	1.181	-
Total Quantity					12.6975 cum (cum)		12.6975 Cum (Cubic Meter)	
Amount					12.6975 X 667.007232		8469.32	

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, rramming, 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	10.000	0.250	0.150	0.000	0.750	-
ii	Road Cutoff	2.000	13.500	0.250	0.150	0.000	1.013	-
iii	Road Base	1.000	10.000	3.500	0.100	0.000	3.500	-
iv	Road Base	1.000	13.500	3.550	0.100	0.000	4.793	-
v	Road Base	1.000	10.000	1.850	0.075	0.000	1.388	-
vi	Road Base	1.000	11.000	2.000	0.075	0.000	1.650	-
vii	Road Base	1.000	5.000	1.750	0.075	0.000	0.656	-
viii	Road Base	1.000	7.500	2.100	0.075	0.000	1.181	-
Total Quantity					14.93 cum (cum)		14.93 Cum (Cubic Meter)	
Amount					14.93 X 5955.08241806		88909.38	

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	23.500	0.000	0.250	0.000	11.750	-
ii	Road Side	2.000	5.000	0.000	0.150	0.000	1.500	-
iii	Road Side	2.000	7.500	0.000	0.150	0.000	2.250	-
Total Quantity					15.5 Sqm (Sqm)		15.5 Sqm (Square Meter)	

Amount						15.5 X 216.23489289764	3351.64	
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 specifaicaon and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road Wearing Coat	1.000	10.000	3.500	0.075	0.000	2.625	-
ii	Road Wearing Coat	1.000	13.500	3.550	0.075	0.000	3.594	-
iii	Road wearing coat	1.000	10.000	1.850	0.065	0.000	1.203	-
iv	Road wearing coat	1.000	11.000	2.000	0.065	0.000	1.430	-
v	Road wearing coat	1.000	5.000	1.750	0.065	0.000	0.569	-
vi	Road wearing coat	1.000	7.500	2.100	0.065	0.000	1.024	-
Total Quantity					10.444375 cum (cum)		10.444375 Cum (Cubic Meter)	
Amount						10.444375 X 7484.88570122	78174.95	
Total Amount							180753.25	
Addition								
Provision for Contingency (+) @							1807.53	
Display Citizen Board (+) @							2000.00	
Any Other Lumpsum (+) @							1971.00	
Total Addition							5778.53	
Grand Net Total Amount							186531.79	