

Detailed Estimate

OD/360/3435/119051/396628/00016721 : construction of road from Nilakanthapur school to Behera sahi road

Block : Derabish, Panchayat : Endar

Created By: ABANI KUMAR MOHANTY

1. Earth Work (AR0101aa) : Earthwork in ordinary soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift								
Earthwork in ordinary soil in foundation and 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 direction of the Engineer-in-charge per 100 cum								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff	2.000	83.500	0.250	0.150	0.000	6.263	-
Total Quantity					6.2625 cum (cum)		6.2625 Cum (Cubic Meter)	
Amount					6.2625 X 175.30368		1097.84	
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 wall	2.000	83.500	0.250	0.050	0.000	2.088	-
ii	Road	1.000	83.500	3.150	0.100	0.000	26.303	-
Total Quantity					28.39 cum (cum)		28.39 Cum (Cubic Meter)	
Amount					28.39 X 749.275772		21271.94	
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 wall	2.000	83.500	0.250	0.250	0.000	10.438	-
ii	Road	1.000	83.500	3.150	0.100	0.000	26.303	-
Total Quantity					36.74 cum (cum)		36.74 Cum (Cubic Meter)	
Amount					36.74 X 6100.70648248		224139.96	

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 and as per direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	83.500	3.650	0.100	0.000	30.478	-
Total Quantity					30.4775 cum (cum)		30.4775 Cum (Cubic Meter)	
Amount					30.4775 X 7638.42757176		232800.18	

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 centering 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 wall	2.000	83.500	0.000	0.300	0.000	50.100	-
ii	Cutoff wall	2.000	83.500	0.000	0.100	0.000	16.700	-
Total Quantity					66.8 Sqm (Sqm)		66.8 Sqm (Square Meter)	
Amount					66.8 X 215.22489289764		14377.02	
Total Amount							493686.93	

Addition

Provision for Contingency (+) @							4936.87	
Display Citizen Board (+) @							1376.00	
Any Other Lumpsum (+) @								
Total Addition							6312.87	
Grand Net Total Amount							499999.80	