

Detailed Estimate

OD/346/3301/116131/392487/00075385 : Const of CC road from Aurabinda Patra house to Main road vill Begunia
Block : Basta, Gram Panchayat : Paunskuli
Created By: PRASANTA PRAMANIK

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 surface	1.000	82.000	3.000	0.050	0.000	12.300	-
ii	key wall	2.000	82.000	0.250	0.150	0.000	6.150	-
Total Quantity							18.45 cum (cum)	18.45 Cum (Cubic Meter)
Amount							18.45 X 240.77592	4442.32
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 surface	1.000	35.000	3.500	0.100	0.000	12.250	-
ii	road surface	1.000	47.000	2.900	0.100	0.000	13.630	-
Total Quantity							25.88 cum (cum)	25.88 Cum (Cubic Meter)
Amount							25.88 X 1151.302232	29795.70
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	key wall	2.000	82.000	0.250	0.150	0.000	6.150	-
ii	road	1.000	35.000	3.500	0.100	0.000	12.250	-

iii	road	1.000	47.000	2.900	0.100	0.000	13.630	-
Total Quantity					32.03 cum (cum)		32.03 Cum (Cubic Meter)	
Amount					32.03 X 6615.46720126		211893.41	

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 specifaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	35.000	3.500	0.090	0.000	11.025	-
ii	road	1.000	47.000	2.900	0.090	0.000	12.267	-
Total Quantity					23.292 cum (cum)		23.292 Cum (Cubic Meter)	
Amount					23.292 X 8028.93112962		187009.86	

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

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	key wall	4.000	82.000	0.150	1.000	0.000	49.200	-
ii	road	2.000	82.000	0.150	1.000	0.000	24.600	-
Total Quantity					73.8 Sqm (Sqm)		73.8 Sqm (Square Meter)	
Amount					73.8 X 216.23489289764		15958.14	

Total Amount (A) : 449099.43

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.4600	-	4600

2	Display Citizen Board @ Rs.3500	-	3500
3	Any Other Lumpsum @ Rs.2800	vaibretor	2800
Additional Components Amount (F) : 10900			
Grand Total Amount (A + F) : 459999.43091147			

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BIKRAM KUMAR JENA
AEE
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