

Detailed Estimate

OD/348/3326/116691/395418/00064189 : Imp. of road with CC/Gr-II metalling from Bahu Haripur road to Sudam

Behera house at Sarana Ichhapur

Block : Chandabali, Gram Panchayat : Bijayanagar

Created By: Ashashree Sahoo

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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff wall	2.000	46.200	0.229	0.200	0.000	4.225	-
Total Quantity					4.224528 cum (cum)		4.224528 Cum (Cubic Meter)	
Amount					4.224528 X 240.77592		1017.16	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff wall	2.000	46.200	0.229	0.100	0.000	2.112	-
ii	Road Bed	1.000	46.200	2.819	0.100	0.000	13.024	-
Total Quantity					15.136044 cum (cum)		15.136044 Cum (Cubic Meter)	
Amount					15.136044 X 1360.432832		20591.57	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	Cutoff wall	2.000	46.200	0.229	0.200	0.000	4.225	-
ii	ROAD BED	1.000	46.200	2.819	0.100	0.000	13.024	-
Total Quantity					17.248308 cum (cum)		17.248308 Cum (Cubic Meter)	
Amount					17.248308 X 6490.05571538		111942.48	

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

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CUTOFF WALL	4.000	46.200	0.000	0.100	0.000	18.480	-
ii	CUTOFF WALL	2.000	46.200	0.000	0.200	0.000	18.480	-
Total Quantity					36.96 Sqm (Sqm)		36.96 Sqm (Square Meter)	
Amount					36.96 X 216.23489289764		7992.04	

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 specifaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD BED	1.000	46.200	3.048	0.100	0.000	14.082	-
Total Quantity					14.08176 cum (cum)		14.08176 Cum (Cubic Meter)	
Amount					14.08176 X 7870.64387306		110832.52	
Total Amount							252375.78	
Addition								

Provision for Contingency (+) @	2590.00
Display Citizen Board (+) @	2500.00
Any Other Lumpsum (+) @	1534.00
Provision for survey investigation and quality control (+) @	
Total Addition	6624.00
Grand Net Total Amount	258999.78

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