

Detailed Estimate

OD/346/3301/116119/392473/00018247 : Imp. of Road with CC/ Gr-II Metalling from Prafulla Mohapatra House to Laxmidhar Bhakta House at Palasia.
Block : Basta, Gram Panchayat : Babarda
Created By:MAHESWAR HEMBRAM

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	CUT OFF wall	2.000	110.000	0.750	0.660	0.000	108.900	-
Total Quantity					108.9 Cft (Cubic Foot)		3.08369952 Cum (Cubic Meter)	
Amount					3.08369952 X 240.77592		742.48	
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	cutt off wall	2.000	110.000	0.750	0.160	0.000	26.400	-
ii	road bed	1.000	110.000	8.500	0.330	0.000	308.550	-
Total Quantity					334.95 Cft (Cubic Foot)		9.48471216 Cum (Cubic Meter)	
Amount					9.48471216 X 1151.302232		10919.77	
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	CUT OFF WALL	2.000	110.000	0.750	0.660	0.000	108.900	-
ii	ROAD BED	1.000	110.000	10.000	0.330	0.000	363.000	-
Total Quantity					471.9 Cft (Cubic Foot)		13.36269792 Cum (Cubic Meter)	
Amount					13.36269792 X 6592.3233987		88091.23	

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road bed	1.000	70.000	10.000	0.290	0.000	203.000	-
ii	road bed	1.000	40.000	10.000	0.330	0.000	132.000	-
Total Quantity					335 Cft (Cubic Foot)		9.486128 Cum (Cubic Meter)	
Amount					9.486128 X 7996.2872509		75853.80	

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	cut of wall	2.000	110.000	1.000	0.330	0.000	72.600	-
ii	ct off wall	2.000	110.000	1.000	0.830	0.000	182.600	-
Total Quantity					255.2 Sft (Square Foot)		23.7088456 Sqm (Square Meter)	
Amount					23.7088456 X 216.23489289764		5126.68	

Total Amount	180733.96
Addition	
Provision for Contingency (+) @	1860.00
Display Citizen Board (+) @	2000.00
Any Other Lumpsum (+) @	1406.00
Provision for survey investigation and quality control (+) @	
Total Addition	5266.00
Grand Net Total Amount	185999.96

MAHESWAR HEMBRAM
JE
Basta Block

BIKRAM KUMAR JENA
AEE
Basta Block

Mihir Ranjan Behera
BDO
Basta Block