

Detailed Estimate

**OD/348/3323/116628/394886/00016226 : Improvement Of Road From Erein Bhagabanpur RD Road To Thakurani
Asthana, W-10, Erein G.P.**

Block : Bhadrak, Gram Panchayat : Erein

Created By:ACHYUTANANDA NAYAK

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	29.500	0.225	0.300	0.000	3.983	-
Total Quantity					3.9825 cum (cum)		3.9825 Cum (Cubic Meter)	
Amount					3.9825 X 240.77592		958.89	
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	29.500	0.225	0.100	0.000	1.328	-
ii	SURFACE	1.000	29.500	2.200	0.100	0.000	6.490	-
Total Quantity					7.8175 cum (cum)		7.8175 Cum (Cubic Meter)	
Amount					7.8175 X 1212.104232		9475.62	
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	29.500	0.225	0.300	0.000	3.983	-
ii	SURFACE	1.000	29.500	2.200	0.100	0.000	6.490	-
Total Quantity					10.4725 cum (cum)		10.4725 Cum (Cubic Meter)	
Amount					10.4725 X 6422.46476606		67259.26	
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	SURFACE	1.000	29.500	2.430	0.100	0.000	7.169	-
Total Quantity					7.1685 cum (cum)		7.1685 Cum (Cubic Meter)	
Amount					7.1685 X 7886.31282722		56533.03	
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	CUTOFF WALL	2.000	2.000	29.500	0.200	0.000	23.600	-
ii	SURAFCE	2.000	29.500	0.100	0.000	0.000	5.900	-
Total Quantity					29.5 Sqm (Sqm)		29.5 Sqm (Square Meter)	
Amount					29.5 X 216.23489289764		6378.93	
Total Amount							140605.74	
Addition								

Provision for Contingency (+) @	1406.06
Display Citizen Board (+) @	696.00
Any Other Lumpsum (+) @	1080.00
Provision for survey investigation and quality control (+) @	
Total Addition	3182.06
Grand Net Total Amount	143787.80

ACHYUTANANDA NAYAK
JE
Bhadrak Block

JAYDEB PATRA
AEE
Bhadrak Block

RASMI RANJAN MALLICK
BDO
Bhadrak Block