

Detailed Estimate

**OD/361/3451/119439/385291/00069256 : CONSTRUCTION OF CC ROAD FROM BHUYAN BASTI COMMUNITY CENTRE
AT ALOK MUNDA HOUSE
Block : Joda, Gram Panchayat : Bhuyanraida
Created By: JYOTIRANJAN PRADHAN**

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	cutoff	2.000	64.400	0.225	0.225	0.000	6.521	-
ii		2.000	4.450	0.225	0.225	0.000	0.451	-
Total Quantity					6.9710625 cum (cum)		6.9710625 Cum (Cubic Meter)	
Amount					6.9710625 X 240.77592		1678.46	
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	2.000	64.550	0.225	0.100	0.000	2.905	-
ii	road base	1.000	64.550	4.000	0.100	0.000	25.820	-
iii		2.000	4.450	0.225	0.100	0.000	0.200	-
Total Quantity					28.925 cum (cum)		28.925 Cum (Cubic Meter)	
Amount					28.925 X 1777.865832		51424.77	
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	cutoff	2.000	64.550	0.225	0.325	0.000	9.440	-
ii	road base	1.000	64.550	4.000	0.100	0.000	25.820	-
iii	cutoff	2.000	4.450	0.225	0.325	0.000	0.651	-
Total Quantity					35.91125 cum (cum)		35.91125 Cum (Cubic Meter)	
Amount					35.91125 X 6872.94220674		246815.95	

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	wearing course	1.000	64.550	4.450	0.075	0.000	21.544	-
Total Quantity					21.5435625 cum (cum)		21.5435625 Cum (Cubic Meter)	
Amount					21.5435625 X 8287.31607238		178538.31	

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	2.000	64.550	0.400	0.000	0.000	51.640	-
ii	road base	2.000	4.450	0.400	0.000	0.000	3.560	-
Total Quantity					55.2 Sqm (Sqm)		55.2 Sqm (Square Meter)	
Amount					55.2 X 216.70813962884		11962.29	

Total Amount	490419.78
Addition	
Provision for Contingency (+) @	5000.00
Display Citizen Board (+) @	3000.00
Any Other Lumpsum (+) @	1579.00
Provision for survey investigation and quality control (+) @	
Total Addition	9579.00
Grand Net Total Amount	499998.78

JYOTIRANJAN PRADHAN
JE
Joda Block

AJAYA KUMAR SAHOO
AEE
Joda Block

Kendujhar Joda BDO
BDO
Joda Block