

## Detailed Estimate

**OD/369/3541/120984/410114/00075184 : CONSTRUCTION OF CC ROAD FROM MANU SAHOO HOUSE TO BINDO  
SAHOO HOUSE SANAORA  
Block : Kanas, Gram Panchayat : Kadua  
Created By: JAGANNATH ROUT**

<b>1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b>								
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	74.500	0.225	0.150	0.000	5.029	-
Total Quantity					5.02875 cum (cum)		5.02875 Cum (Cubic Meter)	
Amount					5.02875 X 240.77592		1210.80	
<b>2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b>								
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	74.500	0.225	0.050	0.000	1.676	-
ii	base	1.000	15.000	3.650	0.100	0.000	5.475	-
iii		1.000	15.000	2.850	0.100	0.000	4.275	-
iv		2.000	15.000	2.650	0.100	0.000	7.950	-
v		1.000	14.500	3.400	0.100	0.000	4.930	-
Total Quantity					24.30625 cum (cum)		24.30625 Cum (Cubic Meter)	
Amount					24.30625 X 992.510032		24124.20	
<b>3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b>								

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	cutoff	2.000	74.500	0.225	0.250	0.000	8.381	-
ii	base	1.000	15.000	3.650	0.100	0.000	5.475	-
iii		1.000	15.000	2.850	0.100	0.000	4.275	-
iv		2.000	15.000	2.650	0.100	0.000	7.950	-
v		1.000	14.500	3.400	0.100	0.000	4.930	-
Total Quantity					31.01125 cum (cum)		31.01125 Cum (Cubic Meter)	
Amount					31.01125 X 5993.10249244		185853.60	

**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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	base	1.000	15.000	4.100	0.075	0.000	4.613	-
ii		1.000	15.000	3.300	0.075	0.000	3.713	-
iii		2.000	15.000	3.100	0.075	0.000	6.975	-
iv		1.000	14.500	3.850	0.075	0.000	4.187	-
Total Quantity					19.486875 cum (cum)		19.486875 Cum (Cubic Meter)	
Amount					19.486875 X 7493.47929228		146024.49	

**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		1.000	74.500	1.000	0.175	0.000	13.038	-
Total Quantity					13.0375 Sqm (Sqm)		13.0375 Sqm (Square Meter)	
Amount					13.0375 X 216.39264180804		2821.22	
Total Amount							360034.31	
<b>Addition</b>								
Provision for Contingency (+) @							4526.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							9526.00	
Grand Net Total Amount							369560.31	

JAGANNATH ROUT  
JE  
Kanas Block

SASWAT KUMAR SENAPATI  
AEE  
Kanas Block

SOUMYA RANJAN SWAIN  
BDO  
Kanas Block