

Detailed Estimate

**OD/369/3541/120982/410143/00075786 : CONST. OF CC ROAD FROM SETHI SAHU TO MISSION SHATI GRUHA VIA
BADA POKHARI SANKHA**

Block : Kanas, Gram Panchayat : Gopinathpur

Created By: JAGANNATH ROUT

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	105.000	0.225	0.150	0.000	7.088	-
ii	protection wall	1.000	20.000	0.800	0.600	0.000	9.600	-
Total Quantity					16.6875 cum (cum)		16.6875 Cum (Cubic Meter)	
Amount					16.6875 X 240.77592		4017.95	
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	105.000	0.225	0.050	0.000	2.363	-
ii	base	1.000	105.000	3.200	0.075	0.000	25.200	-
iii	protectionwall	1.000	20.000	0.800	0.150	0.000	2.400	-
Total Quantity					29.9625 cum (cum)		29.9625 Cum (Cubic Meter)	
Amount					29.9625 X 1065.310832		31919.38	
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	105.000	0.225	0.200	0.000	9.450	-
ii	base	1.000	105.000	3.200	0.100	0.000	33.600	-
iii	protectionwall	1.000	20.000	0.450	1.200	0.000	10.800	-
iv		1.000	20.000	0.450	0.150	0.000	1.350	-
Total Quantity					55.2 cum (cum)		55.2 Cum (Cubic Meter)	
Amount					55.2 X 5956.69775146		328809.72	
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 specifaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	wcoat	1.000	105.000	3.650	0.075	0.000	28.744	-
Total Quantity					28.74375 cum (cum)		28.74375 Cum (Cubic Meter)	
Amount					28.74375 X 7536.70575102		216633.19	
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	Protection wall	2.000	20.000	1.000	1.300	0.000	52.000	-
ii	road	2.000	105.000	1.000	0.175	0.000	36.750	-
Total Quantity					88.75 Sqm (Sqm)		88.75 Sqm (Square Meter)	
Amount					88.75 X 216.39264180804		19204.85	

Total Amount	600585.07
Addition	
Provision for Contingency (+) @	3125.00
Display Citizen Board (+) @	5000.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
Total Addition	8125.00
Grand Net Total Amount	608710.07

JAGANNATH ROUT
JE
Kanas Block

SASWAT KUMAR SENAPATI
AEE
Kanas Block

SOUMYA RANJAN SWAIN
BDO
Kanas Block