

Detailed Estimate

**OD/350/3337/275413/400049/00071222 : IMPROVEMENT OF ROAD FROM KRUSHNA MOHANTY SAHI TO
PADMALOCHAN SAHOO HOUSE, JHARAKATA, PATANA**

Block : Cuttacksadar, Gram Panchayat : Jharkata

Created By:SASMITA DAS

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	163.000	0.833	0.150	0.000	40.734	-
Total Quantity					40.7337 Cft (Cubic Foot)		1.15344803616 Cum (Cubic Meter)	
Amount					1.15344803616 X 240.77592		277.72	
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	Cut Off Wall	2.000	163.000	0.833	0.330	0.000	89.614	-
ii	Road Base	1.000	163.000	10.330	0.330	0.000	555.651	-
Total Quantity					645.26484 Cft (Cubic Foot)		18.271835421312 Cum (Cubic Meter)	
Amount					18.271835421312 X 588.227232		10747.99	
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	163.000	0.833	0.833	0.000	226.208	-
ii	Road Base	1.000	163.000	10.330	0.330	0.000	555.651	-
Total Quantity					781.858514 Cft (Cubic Foot)		22.139731169235 Cum (Cubic Meter)	
Amount					22.139731169235 X 6060.21693386		134171.57	

4. 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	4.000	163.000	0.660	0.000	0.000	430.320	-
ii	Road Base	2.000	163.000	0.330	0.000	0.000	107.580	-
Total Quantity					537.9 Sft (Square Foot)		49.9725237 Sqm (Square Meter)	
Amount					49.9725237 X 216.23489289764		10805.80	

5. 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 Base	1.000	163.000	12.000	0.330	0.000	645.480	-
Total Quantity					645.48 Cft (Cubic Foot)		18.277928064 Cum (Cubic Meter)	
Amount					18.277928064 X 7524.48725582		137532.04	
Total Amount							293535.13	
Addition								

Provision for Contingency (+) @	3000.00
Display Citizen Board (+) @	3464.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
Total Addition	6464.00
Grand Net Total Amount	299999.13

SASMITA DAS
JE
Cuttacksadar Block

SUBHASMITA NATH
AEE
Cuttacksadar Block

PRATIK SAHOO
BDO
Cuttacksadar Block