

## Detailed Estimate

OD/346/3304/116228/393416/00063508 : Const of CC road from Mukunda Kar house to Sitikantha Panda house

Nuasai ( Routraypur ) GP - Sarugaon

Block : Khaira, Gram Panchayat : Sarugan

Created By: Santosh Kumar Prusty

<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	Cut off	2.000	57.000	0.225	0.100	0.000	2.565	-
Total Quantity					2.565 cum (cum)		2.565 Cum (Cubic Meter)	
Amount					2.565 X 240.77592		617.59	
<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	Cut off	2.000	57.000	0.225	0.050	0.000	1.283	-
ii	Bed	1.000	6.000	4.575	0.100	0.000	2.745	-
iii	Bed	1.000	6.000	2.725	0.100	0.000	1.635	-
iv	Bed	1.000	30.000	2.525	0.100	0.000	7.575	-
v	Bed	1.000	15.000	2.525	0.100	0.000	3.788	-
Total Quantity					17.025 cum (cum)		17.025 Cum (Cubic Meter)	
Amount					17.025 X 1661.251232		28282.80	
<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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff	2.000	57.000	0.225	0.150	0.000	3.848	-
ii	Bed	1.000	6.000	5.025	0.090	0.000	2.714	-
iii	Bed	1.000	6.000	3.175	0.090	0.000	1.715	-
iv	Bed	1.000	30.000	2.975	0.090	0.000	8.033	-
v	Bed	1.000	15.000	2.975	0.090	0.000	4.016	-
Total Quantity					20.32425 cum (cum)		20.32425 Cum (Cubic Meter)	
Amount					20.32425 X 6890.02362974		140034.56	

**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	Bed	1.000	6.000	5.025	0.080	0.000	2.412	-
ii	Bed	1.000	6.000	3.175	0.080	0.000	1.524	-
iii	Bed	1.000	30.000	2.975	0.080	0.000	7.140	-
iv	Bed	1.000	15.000	2.975	0.080	0.000	3.570	-
Total Quantity					14.646 cum (cum)		14.646 Cum (Cubic Meter)	
Amount					14.646 X 8255.14040138		120904.79	

**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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut Off	4.000	57.000	0.000	0.100	0.000	22.800	-
ii	Bed	2.000	57.000	0.000	0.170	0.000	19.380	-
Total Quantity					42.18 Sqm (Sqm)		42.18 Sqm (Square Meter)	
Amount					42.18 X 216.23489289764		9120.79	
Total Amount							298960.53	
<b>Addition</b>								
Provision for Contingency (+) @							1.00	
Display Citizen Board (+) @							1038.46	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							1039.46	
Grand Net Total Amount							299999.99	

Santosh Kumar Prusty  
JE  
Khaira Block

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AEE  
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