

Detailed Estimate

**OD/371/3566/275635/381677/00069984 : Construction of road from Tarun Tripathy house to Gas Agency Bharat Gas.
Block : Rengali, Gram Panchayat : Thekoloj
Created By: Samir Kumar Patel**

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	Road	1.000	70.000	3.650	0.100	0.000	25.550	-
ii	Cutoff	2.000	70.000	0.225	0.225	0.000	7.088	-
Total Quantity					32.6375 cum (cum)		32.6375 Cum (Cubic Meter)	
Amount					32.6375 X 240.77592		7858.32	
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	road	1.000	70.000	3.200	0.100	0.000	22.400	-
Total Quantity					22.4 cum (cum)		22.4 Cum (Cubic Meter)	
Amount					22.4 X 552.432832		12374.50	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff	2.000	70.000	0.225	0.225	0.000	7.088	-

ii	Road	1.000	70.000	3.650	0.100	0.000	25.550	-
Total Quantity					32.6375 cum (cum)		32.6375 Cum (Cubic Meter)	
Amount					32.6375 X 5533.8128563		180609.82	
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	Road	1.000	70.000	3.650	0.100	0.000	25.550	-
Total Quantity					25.55 cum (cum)		25.55 Cum (Cubic Meter)	
Amount					25.55 X 7046.0985621		180027.82	
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	Road	2.000	70.000	0.400	0.000	0.000	56.000	-
Total Quantity					56 Sqm (Sqm)		56 Sqm (Square Meter)	
Amount					56 X 216.23489289764		12109.15	
Total Amount							392979.61	
Addition								
Provision for Contingency (+) @							1522.39	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								

Total Addition	4522.39
Grand Net Total Amount	397502.00

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JE
Rengali Block

Sanatan Kechhu
AEE
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BDO
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