

## Detailed Estimate

**OD/364/3484/119979/430166/00062738 : Construction of road at Chidipalli main road to Manguru Durua house**  
**Block : Malkangiri, Gram Panchayat : Tandiki**  
**Created By: TAPAN KUMAR SAMAL**

<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 Wall	2.000	85.000	0.230	0.230	0.000	8.993	-
ii	Cross cutoff Wall	2.000	2.540	0.230	0.230	0.000	0.269	-
Total Quantity					9.261732 cum (cum)		9.261732 Cum (Cubic Meter)	
Amount					9.261732 X 240.77592		2230.00	
<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 bed	2.000	85.000	0.230	0.050	0.000	1.955	-
ii	Cross Couoff bed	2.000	2.540	0.230	0.050	0.000	0.058	-
iii	Bed filling	1.000	84.540	2.540	0.070	0.000	15.031	-
Total Quantity					17.044632 cum (cum)		17.044632 Cum (Cubic Meter)	
Amount					17.044632 X 515.507232		8786.63	
<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 Wall	2.000	85.000	0.230	0.350	0.000	13.685	-
ii	Cross cutoff	2.000	2.540	0.230	0.350	0.000	0.409	-
iii	Bed	1.000	84.540	2.540	0.100	0.000	21.473	-
Total Quantity					35.5671 cum (cum)		35.5671 Cum (Cubic Meter)	
Amount					35.5671 X 5457.39215974		194103.61	

**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	C.C Bed	1.000	85.000	3.000	0.100	0.000	25.500	-
Total Quantity					25.5 cum (cum)		25.5 Cum (Cubic Meter)	
Amount					25.5 X 6948.12707538		177177.24	

**5. Road Work (AR1307) : Supplying & spreading moorum and consolidation with HRR**

Supplying & spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Berm	2.000	85.000	0.450	0.150	0.000	11.475	-
Total Quantity					11.475 cum (cum)		11.475 Cum (Cubic Meter)	
Amount					11.475 X 988.68076867845		11345.11	
Total Amount							393642.60	

<b>Addition</b>	
Provision for Contingency (+) @	3936.43
Display Citizen Board (+) @	2420.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>6356.43</b>
<b>Grand Net Total Amount</b>	<b>399999.02</b>

**TAPAN KUMAR SAMAL**  
**JE**  
**Malkangiri Block**

**Er. ABHIJIT SETHI**  
**AEE**  
**Malkangiri Block**

**Tapan kumar senapati**  
**BDO**  
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