

## Detailed Estimate

**OD/364/3484/120001/430173/00063765 : Improvement of road at Kenduguda**

**Block : Malkangiri, Gram Panchayat : Pedakunda**

**Created By: TAPAN KUMAR SAMAL**

<b>1. Road Work (AR1307) : Supplying &amp; spreading moorum and consolidation with HRR</b>								
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	Base	1.000	225.000	3.500	0.200	0.000	157.500	-
Total Quantity					157.5 cum (cum)		157.5 Cum (Cubic Meter)	
Amount					157.5 X 1072.8420486784		168972.62	
<b>2. Special items for irrigation works (AR0201) : Excavation of any approved type of soil in an approved borrow area by mechanical means loading into and transportation by mechanical means and unloading the soil within an initial lead of 1km</b>								
Excavation of any approved type of soil in an approved borrow area by mechanical means loading into and transportation by mechanical means and unloading the soil within an initial lead of 1km on a properly prepared and scientifically approved surface including spreading and leveling the earth in 22.5 cm layers to make ready for watering and compaction with sheep foot rollers and dozers but excluding watering and compaction in dams and dykes for all heights including construction, maintenance, watering and lighting of haul road and borrow area, etc. complete as per the direction of Engineer-in charge. (measurement of the fill to be taken on the finished compacted section under OMC condition).								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Shoulder	2.000	225.000	0.600	0.450	0.000	121.500	-
Total Quantity					121.5 cum (cum)		121.5 Cum (Cubic Meter)	
Amount					121.5 X 56.56		6872.04	
<b>3. Road Work (AR1341a) : Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam</b>								
Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density as per Clause 404 of MoRT&H Specifications for Road & Bridge works(Last Revision).								

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Metalling	2.000	205.000	3.000	0.075	0.000	92.250	-
Total Quantity					92.25 cum (cum)		92.25 Cum (Cubic Meter)	
Amount					92.25 X 2283.7005521111		210671.38	
<b>4. Road Work (AR1304) : Flank dressing to proper camber and as per direction of Engineer-in-charge.</b>								
Flank dressing to proper camber and as per direction of Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Shoulder	1.000	225.000	4.700	0.000	0.000	1057.500	-
Total Quantity					1057.5 Sqm (Sqm)		1057.5 Sqm (Square Meter)	
Amount					1057.5 X 6.0209032258065		6367.11	
Total Amount							392883.14	
<b>Addition</b>								
Provision for Contingency (+) @							3928.83	
Display Citizen Board (+) @							3188.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							7116.83	
Grand Net Total Amount							399999.98	

JE  
Malkangiri Block

Er. ABHIJIT SETHI  
AEE  
Malkangiri Block

Tapan kumar senapati  
BDO  
Malkangiri Block