

Detailed Estimate

OD/364/3484/120002/430193/00103072 : Construction of road from Pedawada to Putugaon WBM

Block : Malkangiri, Gram Panchayat : Pedawada

Created By: TAPAN KUMAR SAMAL

1. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Sub base	1.000	560.000	4.000	0.180	0.000	403.200	-
Total Quantity							403.2 cum (cum)	403.2 Cum (Cubic Meter)
Amount							403.2 X 1111.6260486784	448207.62
2. Road Work (AR1304) : Flank dressing to proper camber and as per direction of Engineer-in-charge.								
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SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Flank Dressing	1.000	560.000	4.000	0.000	0.000	2240.000	-
Total Quantity							2240 Sqm (Sqm)	2240 Sqm (Square Meter)
Amount							2240 X 6.0209032258065	13486.82
3. Road Work (AR1341a) : Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam								
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	Grade-I (Metalling)	1.000	560.000	3.000	0.075	0.000	126.000	-
Total Quantity							126 cum (cum)	126 Cum (Cubic Meter)

Amount		126 X 2200.7664221111		277296.57				
4. Special items for irrigation works (AR0216) : Excavation, loading, unloading, and carriage by mechanical means of all kinds of soil, including stoney earth, gravel, and moorum etc interspread with boulders upto 1/2 cum within an initial lead of 1km from the place of excavation.								
Excavation, loading, unloading, and carriage by mechanical means of all kinds of soil, including stoney earth, gravel, and moorum etc interspread with boulders upto 1/2 cum size with all lifts and delifts including trimming of slopes and bed to design section and depositing the the excavated materials away from work site as per the specification and as directed by the Engineer-in-charge within an initial lead of 1km from the place of excavation complete. Per 1 cum.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Berm filling	2.000	560.000	0.500	0.500	0.000	280.000	-
Total Quantity					280 cum (cum)		280 Cum (Cubic Meter)	
Amount		280 X 67.165		18806.20				

Total Amount (A) : 757797.22

Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	7577.9721523894
2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.7418	Convey Charges of Roller and water Tanker	7418
Additional Components Amount (F) : 19995.972152389			

Grand Total Amount (A + F) : 777793.18739133

TAPAN KUMAR SAMAL
JE
Malkangiri Block

Er. ABHIJIT SETHI
AEE
Malkangiri Block

Tapan kumar senapati
BDO
Malkangiri Block