

Detailed Estimate

OD/355/3389/118123/397963/00013736 : Metal-Murum/Crush Dust Road from Benukhanda Patra sahi to Ray sahi (Via Bangali sahi)

Block : Jagatsinghpur, Gram Panchayat : Jasobasantapur

Created By: Jyotshnamayee Debata

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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD	1.000	173.000	3.050	0.150	0.000	79.148	-
Total Quantity					79.1475 cum (cum)		79.1475 Cum (Cubic Meter)	
Amount					79.1475 X 240.77592		19056.81	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	173.000	3.050	0.100	0.000	52.765	-
Total Quantity					52.765 cum (cum)		52.765 Cum (Cubic Meter)	
Amount					52.765 X 544.049832		28706.79	
3. 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		1.000	173.000	3.050	0.100	0.000	52.765	-
Total Quantity					52.765 cum (cum)		52.765 Cum (Cubic Meter)	

Amount		52.765 X 2452.4794246784					129405.08	
4. 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		1.000	173.000	3.050	0.100	0.000	52.765	-
Total Quantity					52.765 cum (cum)		52.765 Cum (Cubic Meter)	
Amount		52.765 X 4013.2013221111					211756.57	
5. Road Work (AR1304) : Flank dressing to proper camber and as per direction of Engineer-in-charge.								
Flank dressing to proper camber and as per direction of Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD	1.000	173.000	3.050	0.000	0.000	527.650	-
Total Quantity					527.65 Sqm (Sqm)		527.65 Sqm (Square Meter)	
Amount		527.65 X 6.0209032258065					3176.93	
Total Amount							392102.18	
Addition								
Provision for Contingency (+) @							4000.00	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							897.00	
Provision for survey investigation and quality control (+) @								
Total Addition							7897.00	

Grand Net Total Amount	399999.18
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