

Detailed Estimate

OD/350/3339/117000/399434/00067945 : Improvement of road from Panchananan Sethy House to Sadhaba Mallik House Koliatha

Block : Mahanga, Gram Panchayat : Koliatha

Created By: CHANDI PRASAD MISHRA

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	Cutoff	2.000	32.000	0.225	0.150	0.000	2.160	-
Total Quantity					2.16 cum (cum)		2.16 Cum (Cubic Meter)	
Amount					2.16 X 240.77592		520.08	
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	Cutoff	2.000	32.000	0.225	0.050	0.000	0.720	-
ii	RoadBase	1.000	32.000	2.550	0.050	0.000	4.080	-
Total Quantity					4.8 cum (cum)		4.8 Cum (Cubic Meter)	
Amount					4.8 X 793.620832		3809.38	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff	2.000	32.000	0.225	0.100	0.000	1.440	-

ii	RoadBase	1.000	32.000	3.000	0.100	0.000	9.600	-
Total Quantity					11.04 cum (cum)		11.04 Cum (Cubic Meter)	
Amount					11.04 X 5954.66880286		65739.54	
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	RoadBase	1.000	32.000	3.000	0.093	0.000	8.928	-
Total Quantity					8.928 cum (cum)		8.928 Cum (Cubic Meter)	
Amount					8.928 X 7438.54302282		66411.31	
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	centering And Shuttering	2.000	32.000	1.000	0.200	0.000	12.800	-
Total Quantity					12.8 Sqm (Sqm)		12.8 Sqm (Square Meter)	
Amount					12.8 X 216.23489289764		2767.81	
Total Amount							139248.12	
Addition								
Provision for Contingency (+) @							1392.48	
Display Citizen Board (+) @							2847.00	
Any Other Lumpsum (+) @							300.00	

Provision for survey investigation and quality control (+) @	
Total Addition	4539.48
Grand Net Total Amount	143787.60

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JE
Mahanga Block

SANDIP KUMAR DAS
AEE
Mahanga Block

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