

Detailed Estimate

OD/373/3573/121536/384036/00070420 : Construction of Cement Concrete Road at Pateimunda from Chemanand house to Shiba Mandir

Block : Balisankara, Gram Panchayat : Tumlia

Created By: MAHENDRA KUMAR AMAT

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	CC Road	1.000	64.000	3.600	0.100	0.000	23.040	-
Total Quantity					23.04 cum (cum)		23.04 Cum (Cubic Meter)	
Amount					23.04 X 240.77592		5547.48	
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	CC Road	1.000	64.000	3.600	0.085	0.000	19.584	-
Total Quantity					19.584 cum (cum)		19.584 Cum (Cubic Meter)	
Amount					19.584 X 950.978832		18623.97	
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	CC Road	1.000	64.000	3.600	0.093	0.000	21.427	-
Total Quantity					21.4272 cum (cum)		21.4272 Cum (Cubic Meter)	

Amount		21.4272 X 6019.64045252		128984.04				
4. 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	CC road	2.000	64.000	0.000	0.175	0.000	22.400	-
Total Quantity					22.4 Sqm (Sqm)		22.4 Sqm (Square Meter)	
Amount		22.4 X 216.23489289764		4843.66				
5. 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	CC road	1.000	64.000	3.600	0.085	0.000	19.584	-
Total Quantity					19.584 cum (cum)		19.584 Cum (Cubic Meter)	
Amount		19.584 X 7463.76821924		146170.44				
Total Amount							304169.58	
Addition								
Provision for Contingency (+) @							3000.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							1601.00	
Provision for survey investigation and quality control (+) @								
Total Addition							9601.00	

Grand Net Total Amount	313770.58
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MAHENDRA KUMAR AMAT
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Balisankara Block

Sai Sundar Swain
AEE
Balisankara Block

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