

Detailed Estimate

OD/373/3574/121540/384097/00068839 : Construction of Cement Concrete Road from Promod House to Junabandh

Gargadbahal

Block : Bargaon, Gram Panchayat : Dandajamira

Created By:DEBASISH HOTA JE

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	earth work	1.000	24.500	5.650	0.150	0.000	20.764	-
ii	earth work	1.000	4.700	4.750	0.150	0.000	3.349	-
iii	earth work	1.000	15.000	3.300	0.150	0.000	7.425	-
iv	earth work	1.000	4.000	1.900	0.150	0.000	1.140	-
v	cutoff	2.000	48.200	0.200	0.150	0.000	2.892	-
Total Quantity					35.5695 cum (cum)		35.5695 Cum (Cubic Meter)	
Amount					35.5695 X 240.77592		8564.28	
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	road	1.000	24.500	5.250	0.100	0.000	12.863	-
ii	road	1.000	4.700	4.350	0.100	0.000	2.045	-
iii	road	1.000	15.000	2.900	0.100	0.000	4.350	-
iv	road	1.000	4.000	1.500	0.100	0.000	0.600	-
v	cutoff	2.000	48.200	0.200	0.100	0.000	1.928	-

Total Quantity		21.785 cum (cum)		21.785 Cum (Cubic Meter)				
Amount		21.785 X 856.382232		18656.29				
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	road	1.000	24.500	5.650	0.100	0.000	13.843	-
ii	road	1.000	4.700	4.750	0.100	0.000	2.233	-
iii	road	1.000	15.000	3.300	0.100	0.000	4.950	-
iv	road	1.000	4.000	1.900	0.100	0.000	0.760	-
v	cutoff	2.000	48.200	0.200	0.150	0.000	2.892	-
Total Quantity		24.677 cum (cum)		24.677 Cum (Cubic Meter)				
Amount		24.677 X 5705.20634352		140787.38				
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	road	2.000	57.400	0.000	0.250	0.000	28.700	-
Total Quantity		28.7 Sqm (Sqm)		28.7 Sqm (Square Meter)				
Amount		28.7 X 216.39264180804		6210.47				
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	road	1.000	24.500	5.650	0.075	0.000	10.382	-
ii	road	1.000	4.700	4.750	0.075	0.000	1.674	-
iii	road	1.000	15.000	3.300	0.075	0.000	3.713	-
iv	road	1.000	4.000	1.900	0.075	0.000	0.570	-
Total Quantity					16.33875 cum (cum)		16.33875 Cum (Cubic Meter)	
Amount					16.33875 X 7155.97910224		116919.75	
Total Amount							291138.17	
Addition								
Provision for Contingency (+) @							2911.38	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							950.00	
Provision for survey investigation and quality control (+) @								
Total Addition							8861.38	
Grand Net Total Amount							299999.55	

DEBASISH HOTA JE
JE
Bargaon Block

SUNIL MURMU
AEE
Bargaon Block

BDO Bargaon
BDO
Bargaon Block