

Detailed Estimate

**OD/373/3587/121752/383868/00069948 : Construction of Cement Concrete Road from Dileswar House to Ranjit House
at Jaisiria Pada Sublaya**

Block : Subdega, Gram Panchayat : Sublaya

Created By:SANJAY KUMAR PATEL

1. Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation								
Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD	1.000	60.000	3.670	0.000	0.000	220.200	-
Total Quantity					220.2 Sqm (Sqm)		220.2 Sqm (Square Meter)	
Amount					220.2 X 4.6662		1027.50	
2. 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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut Off	2.000	60.000	0.230	0.230	0.000	6.348	-
Total Quantity					6.348 cum (cum)		6.348 Cum (Cubic Meter)	
Amount					6.348 X 240.77592		1528.45	
3. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	2.000	60.000	0.230	0.050	0.000	1.380	-
ii	Road	1.000	60.000	3.210	0.100	0.000	19.260	-

Total Quantity			20.64 cum (cum)				20.64 Cum (Cubic Meter)	
Amount			20.64 X 475.026432				9804.55	
4. 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	Cut off	2.000	60.000	0.230	0.180	0.000	4.968	-
ii	Road	1.000	60.000	3.670	0.100	0.000	22.020	-
Total Quantity			26.988 cum (cum)				26.988 Cum (Cubic Meter)	
Amount			26.988 X 5835.37151762				157485.01	
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 specifaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	60.000	3.670	0.075	0.000	16.515	-
Total Quantity			16.515 cum (cum)				16.515 Cum (Cubic Meter)	
Amount			16.515 X 7279.30966694				120217.80	
6. 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	60.000	0.000	0.175	0.000	21.000	-
Total Quantity			21 Sqm (Sqm)				21 Sqm (Square Meter)	

Amount	21 X 216.23489289764	4540.93
Total Amount		294604.23
Addition		
Provision for Contingency (+) @		5194.77
Display Citizen Board (+) @		5000.00
Any Other Lumpsum (+) @		
Provision for survey investigation and quality control (+) @		
Total Addition		10194.77
Grand Net Total Amount		304799.00

SANJAY KUMAR PATEL
JE
Subdega Block

BINAY BHUSHAN DASH
AEE
Subdega Block

BDO Subdega
BDO
Subdega Block