

Detailed Estimate

**OD/354/3369/117678/412085/00102799 : CONSTRUCTION OF CC PAVER ROAD FROM RD ROAD TO NITYANANDA
PANDA HOUSE AT BIPULINGI**

Block : Chatrapur, Gram Panchayat : Bipulingi

Created By:CH AKASH KUMAR PATRO

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 wall	2.000	500.000	1.000	0.660	0.000	660.000	-
Total Quantity					660 Cft (Cubic Foot)		18.689088 Cum (Cubic Meter)	
Amount					18.689088 X 240.77592		4499.88	
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 wall	2.000	500.000	0.750	0.330	0.000	247.500	-
Total Quantity					247.5 Cft (Cubic Foot)		7.008408 Cum (Cubic Meter)	
Amount					7.008408 X 1444.929432		10126.65	
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 wall	2.000	500.000	0.750	0.750	0.000	562.500	-
Total Quantity					562.5 Cft (Cubic Foot)		15.9282 Cum (Cubic Meter)	

Amount						15.9282 X 5730.7370407	91280.33	
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	Cutoff wall	4.000	500.000	0.750	0.000	0.000	1500.000	-
Total Quantity						1500 Sft (Square Foot)	139.3545 Sqm (Square Meter)	
Amount						139.3545 X 216.23489289764	30133.31	
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	Paver locking area	6.000	12.000	0.500	0.500	0.000	18.000	-
Total Quantity						18 Cft (Cubic Foot)	0.5097024 Cum (Cubic Meter)	
Amount						0.5097024 X 7225.0662999	3682.63	
6. miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC								
Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Paver area	1.000	500.000	10.000	0.000	0.000	5000.000	-
Total Quantity						5000 Sft (Square Foot)	464.515 Sqm (Square Meter)	
Amount						464.515 X 649.6056	301751.55	

7. Earth Work (AR0115a) : Filling foundation and plinth with crusher dust well watered and rammed

Filling foundation and plinth with crusher dust 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	Paver area	1.000	500.000	10.000	0.330	0.000	1650.000	-
Total Quantity					1650 Cft (Cubic Foot)		46.72272 Cum (Cubic Meter)	
Amount					46.72272 X 679.581732		31751.91	

Total Amount (A) : 473226.25

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.5000	-	5000
2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.16773	Add cost of Paver GST Amount	16773

Additional Components Amount (F) : 26773

Grand Total Amount (A + F) : 499999.25436038

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