

Detailed Estimate

OD/350/3339/116999/399480/00114115 : Construction of CC road from Prafulla Pal house to Naditutha

Block : Mahanga, Gram Panchayat : Kaitha

Created By: JAGANNATH PRASADA BARIK

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	EW	2.000	81.000	0.225	0.150	0.000	5.468	-
Total Quantity						5.4675 cum (cum)	5.4675 Cum (Cubic Meter)	
Amount						5.4675 X 240.77592	1316.44	
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	FS	2.000	81.000	0.225	0.050	0.000	1.823	-
ii	FS	1.000	81.000	3.000	0.100	0.000	24.300	-
Total Quantity						26.1225 cum (cum)	26.1225 Cum (Cubic Meter)	
Amount						26.1225 X 793.620832	20731.36	
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	2.000	81.000	0.225	0.100	0.000	3.645	-
ii	CC	1.000	81.000	3.000	0.076	0.000	18.468	-
Total Quantity						22.113 cum (cum)	22.113 Cum (Cubic Meter)	

Amount	22.113 X 5940.91861236	131371.53
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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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	shuttering	2.000	81.000	1.000	0.150	0.000	24.300	-
Total Quantity					24.3 Sqm (Sqm)		24.3 Sqm (Square Meter)	
Amount					24.3 X 216.23489289764		5254.51	

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	CC	1.000	81.000	3.000	0.075	0.000	18.225	-
Total Quantity					18.225 cum (cum)		18.225 Cum (Cubic Meter)	
Amount					18.225 X 7419.14864932		135213.98	

Total Amount (A) : 293887.83

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	2938.8782783291
2	Display Citizen Board @ Rs.3000	-	3000
3	Any Other Lumpsum @ Rs.173	-	173

Additional Components Amount (F) : 6111.8782783291

Grand Total Amount (A + F) : 299999.70611124

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