

Detailed Estimate

OD/354/3369/117674/412160/00102344 : CONSTRUCTION OF CC PAVER ROAD FROM POST OFFICE TO K LACHEYA HOUSE

Block : Chatrapur, Gram Panchayat : Arjipalli

Created By: RASMITA KUMARI SAHU

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	Cut off	2.000	260.000	1.000	0.750	0.000	390.000	-
Total Quantity					390 Cft (Cubic Foot)		11.043552 Cum (Cubic Meter)	
Amount					11.043552 X 240.77592		2659.02	
2. 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	Cut off wall	4.000	260.000	0.000	0.660	0.000	686.400	-
Total Quantity					686.4 Sft (Square Foot)		63.7686192 Sqm (Square Meter)	
Amount					63.7686192 X 216.23489289764		13789.00	
3. 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	cutoff wall	2.000	260.000	0.750	1.160	0.000	452.400	-

Total Quantity	452.4 Cft (Cubic Foot)	12.81052032 Cum (Cubic Meter)
Amount	12.81052032 X 7282.6005964	93293.90

4. 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	Road	1.000	260.000	10.500	0.000	0.000	2730.000	-
Total Quantity							2730 Sft (Square Foot)	253.62519 Sqm (Square Meter)
Amount							253.62519 X 641.7936	162775.02

5. 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	Cut off	2.000	260.000	1.000	0.250	0.000	130.000	-
ii	Road	1.000	260.000	10.500	0.330	0.000	900.900	-
Total Quantity							1030.9 Cft (Cubic Foot)	29.19178912 Cum (Cubic Meter)
Amount							29.19178912 X 727.152732	21226.89

Total Amount (A) : 293743.84

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	2937.438378098
2	Display Citizen Board @ Rs.3318	-	3318

Additional Components Amount (F) : 6255.438378098

Grand Total Amount (A + F) : 299999.27618789

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