

Detailed Estimate

OD/373/3583/275332/923666/00067348 : Construction of Cement Concrete Road at Kalunga from Tela house to Jaggarnath house

Block : Lathikata, Gram Panchayat : Kalunga B

Created By:UPENDRANATH SHEE

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									
Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	road	1.000	30.000	3.650	0.300	0.000	32.850	-	
ii	cut off	2.000	30.000	0.225	0.225	0.000	3.038	-	
iii	drain	1.000	25.000	0.900	0.900	0.000	20.250	-	
Total Quantity					56.1375 cum (cum)		56.1375 Cum (Cubic Meter)		
Amount					56.1375 X 240.77592		13516.56		
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.									
Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	road	1.000	30.000	3.200	0.100	0.000	9.600	-	
ii	cut off	2.000	30.000	3.650	0.100	0.000	21.900	-	
iii	drain	1.000	25.000	0.900	0.100	0.000	2.250	-	
Total Quantity					33.75 cum (cum)		33.75 Cum (Cubic Meter)		
Amount					33.75 X 489.206832		16510.73		
3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal									

Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	30.000	3.650	0.100	0.000	10.950	-
ii	cut off	2.000	30.000	0.225	0.225	0.000	3.038	-
iii	drain	1.000	25.000	0.900	0.100	0.000	2.250	-
Total Quantity					16.2375 cum (cum)		16.2375 Cum (Cubic Meter)	
Amount					16.2375 X 5030.61683952		81684.64	

4. 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	30.000	3.650	0.100	0.000	10.950	-
Total Quantity					10.95 cum (cum)		10.95 Cum (Cubic Meter)	
Amount					10.95 X 6719.21369224		73575.39	

5. R.C.C. Work (AR0404Aa) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips

Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	drain	1.000	25.000	0.900	0.100	0.000	2.250	-
ii	drain wall	2.000	25.000	0.200	0.600	0.000	6.000	-
iii	slab	25.000	0.900	0.900	0.100	0.000	2.025	-

Total Quantity		10.275 cum (cum)		10.275 Cum (Cubic Meter)				
Amount		10.275 X 5744.9057237769		59028.91				
6. R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position								
Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall/slab	1.000	10.000	0.500	0.000	0.000	5.000	-
Total Quantity					5 Qntl (Quintal)		5 Qntl (Quintal)	
Amount					5 X 8431.7699508		42158.85	
7. 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	road	2.000	30.000	0.000	0.425	0.000	25.500	-
Total Quantity					25.5 Sqm (Sqm)		25.5 Sqm (Square Meter)	
Amount					25.5 X 216.23489289764		5513.99	
Total Amount							291989.07	
Addition								
Provision for Contingency (+) @							3000.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							5.00	
Provision for survey investigation and quality control (+) @							5.00	

Total Addition	8010.00
Grand Net Total Amount	299999.07

UPENDRANATH SHEE
JE
Lathikata Block

LASA MARANDI
AEE
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