

Detailed Estimate

OD/367/3525/120626/405363/00108537 : Construction of CC road from jaganath prasad PWD road to Budha budhi temple

Block : Gania, Gram Panchayat : Adakata

Created By: SRI NETRARANJAN MISHRA

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	cot off	2.000	130.000	0.225	0.150	0.000	8.775	-
ii	front widening portion cuyttoff	2.000	10.000	0.225	0.150	0.000	0.675	-
Total Quantity						9.45 cum (cum)	9.45 Cum (Cubic Meter)	
Amount						9.45 X 240.77592	2275.33	
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	road	1.000	130.000	3.200	0.100	0.000	41.600	-
ii	cut off	2.000	130.000	0.225	0.050	0.000	2.925	-
iii	front widening portion	1.000	10.000	5.175	0.100	0.000	5.175	-
iv	front widening portion cut off	2.000	10.000	0.225	0.050	0.000	0.225	-
Total Quantity						49.925 cum (cum)	49.925 Cum (Cubic Meter)	
Amount						49.925 X 701.882532	35041.49	
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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cut off wall	2.000	130.000	0.225	0.300	0.000	17.550	-
ii	road	1.000	130.000	3.200	0.100	0.000	41.600	-
iii	front widening portion from pwd road	1.000	10.000	5.175	0.100	0.000	5.175	-
iv	cut off widening portion	2.000	10.000	0.225	0.300	0.000	1.350	-
Total Quantity							65.675 cum (cum)	65.675 Cum (Cubic Meter)
Amount							65.675 X 5204.70779434	341819.18

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 specification and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	w coat bed	1.000	130.000	3.650	0.150	0.000	71.175	-
ii	front widening portion from pwd road	1.000	10.000	5.625	0.150	0.000	8.438	-
iii	expansion joint	28.000	3.650	0.006	0.150	0.000	0.092	-
Total Quantity							79.70448 cum (cum)	79.70448 Cum (Cubic Meter)
Amount							79.70448 X 6895.29460158	549585.87

5. 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
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i		2.000	130.000	0.000	0.300	0.000	78.000	-
ii		2.000	130.000	0.000	0.150	0.000	39.000	-
iii		2.000	10.000	0.000	0.150	0.000	3.000	-
Total Quantity					120 Sqm (Sqm)		120 Sqm (Square Meter)	
Amount					120 X 216.39264180804		25967.12	

Total Amount (A) : 954688.99

Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	9546.8898993009
2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.5700	-	5700
Additional Components Amount (F) : 20246.889899301			

Grand Total Amount (A + F) : 974935.87982939

SRI NETRARANJAN MISHRA
JE
Gania Block

SRI MAHESH PRASAD NAYAK
AEE
Gania Block

Labanyendu Mohanty
BDO
Gania Block