

Detailed Estimate

**OD/367/3525/120626/405363/00108724 : Construction of CC Road from Pragana UP School to Harijanasahi
Jagannath Prasad**

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	earthwork	2.000	39.600	0.225	0.150	0.000	2.673	-
Total Quantity						2.673 cum (cum)	2.673 Cum (Cubic Meter)	
Amount						2.673 X 240.77592	643.59	
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	sand filling	1.000	39.600	3.200	0.100	0.000	12.672	-
ii		2.000	39.600	0.225	0.050	0.000	0.891	-
Total Quantity						13.563 cum (cum)	13.563 Cum (Cubic Meter)	
Amount						13.563 X 701.882532	9519.63	
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	cut off	2.000	39.600	0.225	0.300	0.000	5.346	-
ii		1.000	39.600	3.200	0.100	0.000	12.672	-
Total Quantity						18.018 cum (cum)	18.018 Cum (Cubic Meter)	

Amount	18.018 X 5204.70779434	93778.43
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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	cut off	2.000	39.600	0.000	0.300	0.000	23.760	-
ii	w coat	2.000	39.600	0.000	0.150	0.000	11.880	-
iii		2.000	11.000	0.000	0.100	0.000	2.200	-
Total Quantity							37.84 Sqm (Sqm)	37.84 Sqm (Square Meter)
Amount							37.84 X 216.39264180804	8188.30

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	w coat bed	1.000	39.600	3.650	0.150	0.000	21.681	-
ii		1.000	11.000	3.650	0.100	0.000	4.015	-
iii	deduction	9.000	3.650	0.006	0.150	0.000	-	0.030
Total Quantity							25.666435 cum (cum)	25.666435 Cum (Cubic Meter)
Amount							25.666435 X 6895.29460158	176977.63

Total Amount (A) : 289107.58

Additional Components

#	Item Name	Remark	Amount (in Rs.)
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1	Provision for Contingency @ 1%	-	2891.0758011741
2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.3000	vibrator chhage and ply partition at expansion joint	3000
Additional Components Amount (F) : 10891.075801174			

Grand Total Amount (A + F) : 299998.65591859		
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SRI NETRARANJAN MISHRA
JE
Gania Block

SRI MAHESH PRASAD NAYAK
AEE
Gania Block

Labanyendu Mohanty
BDO
Gania Block