

Detailed Estimate

OD/373/3579/121614/384708/00101196 : Construction of Cement Concrete Road from PMGSY Road to Bhabana Oram House at Jamudihi

Block : Koida, Gram Panchayat : Jamudihi

Created By: SANJAY KUMAR NAYAK

1. Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift								
Earth work in hard soil or gravelly soil 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	52.500	0.200	0.200	0.000	4.200	-
Total Quantity						4.2 cum (cum)	4.2 Cum (Cubic Meter)	
Amount						4.2 X 200.6466	842.72	
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	cut off	2.000	52.500	0.200	0.050	0.000	1.050	-
ii	road	1.000	52.500	2.650	0.100	0.000	13.913	-
Total Quantity						14.9625 cum (cum)	14.9625 Cum (Cubic Meter)	
Amount						14.9625 X 850.322232	12722.95	
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	cut off	2.000	52.500	0.200	0.250	0.000	5.250	-
ii	road	1.000	52.500	3.050	0.100	0.000	16.013	-
Total Quantity						21.2625 cum (cum)	21.2625 Cum (Cubic Meter)	

Amount	21.2625 X 6507.45969602	138364.86
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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	52.500	3.050	0.100	0.000	16.013	-
Total Quantity							16.0125 cum (cum)	16.0125 Cum (Cubic Meter)
Amount							16.0125 X 7940.60946974	127149.01

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

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	cut off	2.000	52.500	0.000	0.250	0.000	26.250	-
ii	road	2.000	52.500	0.000	0.200	0.000	21.000	-
Total Quantity							47.25 Sqm (Sqm)	47.25 Sqm (Square Meter)
Amount							47.25 X 218.86063611524	10341.17

Total Amount (A) : 289420.70

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 1%	-	2894.2069809358
2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.2685	Miscellaneous	2685

Additional Components Amount (F) : 10579.206980936

Grand Total Amount (A + F) : 299999.90507452

SANJAY KUMAR NAYAK
JE
Koida Block

Purna Chandra Hembram
AEE
Koida Block

BDO Koirā
BDO
Koida Block