

Detailed Estimate

**OD/353/3360/117489/413571/00071641 : Construction of CC road with drain at Main road to Patra Sahi, Adava with
Convergence of MGNREGA
Block : Mohona, Gram Panchayat : Adava
Created By: Pradeepta Kumar Sethi**

1. Earth Work (AR0103a) : Earth work in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m. Initial lead and 1.5m initial lift

Earth work in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut Off	2.000	50.000	0.230	0.230	0.000	5.290	-
ii	Lavelling	1.000	50.000	3.050	0.150	0.000	22.875	-
iii	Drain	1.000	50.000	1.200	0.600	0.000	36.000	-
Total Quantity					64.165 cum (cum)		64.165 Cum (Cubic Meter)	
Amount					64.165 X 312.915372		20078.21	

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	Cut off	2.000	50.000	0.230	0.100	0.000	2.300	-
ii	Lavelling	1.000	50.000	3.050	0.100	0.000	15.250	-
iii	Drain	1.000	50.000	1.200	0.100	0.000	6.000	-
Total Quantity					23.55 cum (cum)		23.55 Cum (Cubic Meter)	
Amount					23.55 X 888.399232		20921.80	

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	50.000	0.230	0.100	0.000	2.300	-
ii	Lavelling	1.000	50.000	3.050	0.100	0.000	15.250	-
iii	Drain	1.000	50.000	1.200	0.100	0.000	6.000	-
iv		2.000	50.000	0.300	0.600	0.000	18.000	-
Total Quantity					41.55 cum (cum)		41.55 Cum (Cubic Meter)	
Amount					41.55 X 5744.54782312		238685.96	

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	CC Road	1.000	50.000	3.650	0.100	0.000	18.250	-
ii	Drain	1.000	50.000	0.600	0.050	0.000	1.500	-
iii	Wall	2.000	50.000	0.300	0.050	0.000	1.500	-
Total Quantity					21.25 cum (cum)		21.25 Cum (Cubic Meter)	
Amount					21.25 X 7243.31937744		153920.54	

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	Drain	2.000	1.000	50.000	0.400	0.000	40.000	-

Total Quantity	40 Sqm (Sqm)	40 Sqm (Square Meter)
Amount	40 X 216.39264180804	8655.71
Total Amount		442262.22
Addition		
Provision for Contingency (+) @		4422.62
Display Citizen Board (+) @		3000.00
Any Other Lumpsum (+) @		
Provision for survey investigation and quality control (+) @		315.00
Total Addition		7737.62
Grand Net Total Amount		449999.84

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