

Detailed Estimate

OD/346/3309/116311/394015/00118251 : Repair and Restoration of road from Antapur Jena sahi to Purna Jena house
Block : Soro, Gram Panchayat : Antapur
Created By:Raisen Murmu

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	Cut Off	2.000	73.000	0.830	0.330	0.000	39.989	-
ii	Cut Off	2.000	36.000	0.830	0.330	0.000	19.721	-
Total Quantity						59.7102 Cft (Cubic Foot)	1.69080179136 Cum (Cubic Meter)	
Amount						1.69080179136 X 240.77592	407.10	
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	73.000	0.830	0.160	0.000	19.389	-
ii	Cut Off	2.000	36.000	0.830	0.160	0.000	9.562	-
iii	Road Base	1.000	73.000	8.170	0.330	0.000	196.815	-
iv	Road Base	1.000	36.000	7.500	0.330	0.000	89.100	-
Total Quantity						314.8657 Cft (Cubic Foot)	8.91598905376 Cum (Cubic Meter)	
Amount						8.91598905376 X 1493.995232	13320.45	
3. 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	73.000	0.750	2.000	0.000	219.000	-
ii	Cut Off	2.000	36.000	0.750	2.000	0.000	108.000	-
iii	Road	1.000	73.000	0.250	2.000	0.000	36.500	-
iv	Road	1.000	36.000	0.250	2.000	0.000	18.000	-
Total Quantity					381.5 Sft (Square Foot)		35.4424945 Sqm (Square Meter)	
Amount					35.4424945 X 216.23489289764		7663.90	

4. 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	2.000	73.000	0.830	0.750	0.000	90.885	-
ii	Cut Off	2.000	36.000	0.830	0.750	0.000	44.820	-
iii	Road	1.000	73.000	8.170	0.250	0.000	149.102	-
iv	Road	1.000	36.000	7.500	0.250	0.000	67.500	-
Total Quantity					352.3075 Cft (Cubic Foot)		9.976221016 Cum (Cubic Meter)	
Amount					9.976221016 X 5979.66169726		59654.43	

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 specification and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	73.000	9.830	0.250	0.000	179.398	-

ii	Road	1.000	36.000	9.160	0.250	0.000	82.440	-
Total Quantity					261.8375 Cft (Cubic Foot)		7.41440012 Cum (Cubic Meter)	
Amount					7.41440012 X 7621.83547962		56511.34	

Total Amount (A) : 137557.22

Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.1430	-	1430
2	Display Citizen Board @ Rs.2000	-	2000
3	Any Other Lumpsum @ Rs.2800.78	GST Vibrator Photo T&P	2800.78
Additional Components Amount (F) : 6230.78			

Grand Total Amount (A + F) : 143787.99808146

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