

Detailed Estimate

OD/367/3530/120754/406916/00017133 : Construction of road from Mahatapalla with school to Panchayata road
Block : Ranapur, Gram Panchayat : Mahatpalla
Created By:DILLIP UDDIN

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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Earth work	1.000	27.000	3.650	0.150	0.000	14.783	-
Total Quantity					14.7825 cum (cum)		14.7825 Cum (Cubic Meter)	
Amount					14.7825 X 200.6466		2966.06	
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	Filling sand	1.000	27.000	3.650	0.100	0.000	9.855	-
Total Quantity					9.855 cum (cum)		9.855 Cum (Cubic Meter)	
Amount					9.855 X 701.882532		6917.05	
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	PCC(1:3:6) using 40 mm metal	1.000	27.000	3.650	0.100	0.000	9.855	-
Total Quantity					9.855 cum (cum)		9.855 Cum (Cubic Meter)	
Amount					9.855 X 5714.6969883		56318.34	
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	centering and shuttering	2.000	27.000	0.200	0.000	0.000	10.800	-
Total Quantity					10.8 Sqm (Sqm)		10.8 Sqm (Square Meter)	
Amount					10.8 X 216.23489289764		2335.34	

5. Concrete (AR0307a) : Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum

Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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 specifaion and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	PCC(1:2:4) using 12 mm size chips	1.000	27.000	3.650	0.100	0.000	9.855	-
ii	deductions	4.000	3.650	0.006	0.100	0.000	0.009	-
Total Quantity					9.86376 cum (cum)		9.86376 Cum (Cubic Meter)	
Amount					9.86376 X 7185.0478981		70871.59	

Total Amount **139408.37**

Addition

Provision for Contingency (+) @	1438.00
Display Citizen Board (+) @	2500.00
Any Other Lumpsum (+) @	441.00
Total Addition	4379.00
Grand Net Total Amount	143787.37