

Detailed Estimate

OD/362/3460/119616/407758/00068142 : Construction of CC Road from Jatra padia to Behera house, Palaspur sasan, Tikarpada G.P

Block : Bhubaneswar, Gram Panchayat : Tikarpada

Created By:Suchismita Mohanty

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									
Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	base	1.000	100.000	12.000	0.250	0.000	300.000	-	
ii	base	1.000	16.000	12.000	0.250	0.000	48.000	-	
iii	base	1.000	19.000	12.000	0.250	0.000	57.000	-	
Total Quantity					405 Cft (Cubic Foot)		11.468304 Cum (Cubic Meter)		
Amount					11.468304 X 240.77592		2761.29		
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	base	1.000	100.000	12.000	0.330	0.000	396.000	-	
ii	base	1.000	16.000	12.000	0.330	0.000	63.360	-	
iii	base	1.000	19.000	10.000	0.330	0.000	62.700	-	
Total Quantity					522.06 Cft (Cubic Foot)		14.783068608 Cum (Cubic Meter)		
Amount					14.783068608 X 502.629732		7430.41		
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	road	1.000	100.000	12.000	0.330	0.000	396.000	-
ii	road	1.000	16.000	12.000	0.330	0.000	63.360	-
iii	road	1.000	19.000	10.000	0.330	0.000	62.700	-
Total Quantity					522.06 Cft (Cubic Foot)		14.783068608 Cum (Cubic Meter)	
Amount					14.783068608 X 5720.0028415		84559.19	

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	100.000	12.000	0.330	0.000	396.000	-
ii	road	1.000	16.000	12.000	0.330	0.000	63.360	-
iii	road	1.000	19.000	10.000	0.330	0.000	62.700	-
Total Quantity					522.06 Cft (Cubic Foot)		14.783068608 Cum (Cubic Meter)	
Amount					14.783068608 X 7166.3049645		105939.98	
Total Amount							200690.87	
Addition								
Provision for Contingency (+) @							2050.00	
Display Citizen Board (+) @							2259.00	
Any Other Lumpsum (+) @								

Provision for survey investigation and quality control (+) @	
Total Addition	4309.00
Grand Net Total Amount	204999.87

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Sri Niranjana Biswal
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