

Detailed Estimate

OD/345/3285/275194/420041/00063536 : Construction of CC Road from Beniapali AWC to RD Road
Block : Balangir, Gram Panchayat : Kutumdola
Created By:JUGESWAR PRADHAN

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	Cut Off	2.000	290.000	0.750	0.670	1.000	291.450	-
ii	Road	1.000	290.000	10.500	0.250	1.000	761.250	-
Total Quantity					1052.7 Cft (Cubic Foot)		29.80909536 Cum (Cubic Meter)	
Amount					29.80909536 X 240.77592		7177.31	
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	290.000	0.750	0.330	1.000	143.550	-
ii	Road Filling	1.000	290.000	10.500	0.250	1.000	761.250	-
Total Quantity					904.8 Cft (Cubic Foot)		25.62104064 Cum (Cubic Meter)	
Amount					25.62104064 X 489.146232		12532.44	
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	290.000	0.750	0.670	1.000	291.450	-
ii	Road	1.000	290.000	10.500	0.330	1.000	1004.850	-
Total Quantity					1296.3 Cft (Cubic Foot)		36.70706784 Cum (Cubic Meter)	
Amount					36.70706784 X 5163.41123956		189533.69	

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

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut Off	2.000	290.000	2.000	0.670	1.000	777.200	-
ii	W.Coat	2.000	290.000	1.000	0.250	1.000	145.000	-
Total Quantity					922.2 Sft (Square Foot)		85.6751466 Sqm (Square Meter)	
Amount					85.6751466 X 216.23489289764		18525.96	

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 specificaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	290.000	12.000	0.250	1.000	870.000	-
Total Quantity					870 Cft (Cubic Foot)		24.635616 Cum (Cubic Meter)	
Amount					24.635616 X 6630.96690972		163357.95	
Total Amount							391127.35	

Addition	
Provision for Contingency (+) @	4000.00
Display Citizen Board (+) @	3000.00
Any Other Lumpsum (+) @	1872.65
Provision for survey investigation and quality control (+) @	
Total Addition	8872.65
Grand Net Total Amount	400000.00

JUGESWAR PRADHAN
JE
Balangir Block

Neincy Rani Purty
AEE
Balangir Block

HRUSHIKESH GOND
BDO
Balangir Block