

Detailed Estimate

OD/365/3494/120159/390967/00065526 : Improvement of Road from PWD road to Boula Chhaka at Kaliapada
Block : Gopabandhunagar, Gram Panchayat : Sainkula
Created By:Manoranjan Rout

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	62.000	0.830	0.830	0.000	85.424	-
ii		2.000	11.830	0.830	0.830	0.000	16.299	-
Total Quantity					101.722974 Cft (Cubic Foot)		2.8804691101632 Cum (Cubic Meter)	
Amount					2.8804691101632 X 240.77592		693.55	
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	side cut of wall	2.000	62.000	0.830	0.330	0.000	33.964	-
ii		2.000	11.830	0.830	0.330	0.000	6.480	-
iii		1.000	62.000	11.830	0.330	0.000	242.042	-
Total Quantity					282.485874 Cft (Cubic Foot)		7.9990959968832 Cum (Cubic Meter)	
Amount					7.9990959968832 X 754.261132		6033.41	
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	side cut of wall	2.000	62.000	0.750	0.830	0.000	77.190	-
ii		2.000	11.830	0.750	0.830	0.000	14.728	-
iii		1.000	62.000	13.330	0.330	0.000	272.732	-
Total Quantity					364.65015 Cft (Cubic Foot)		10.32572536752 Cum (Cubic Meter)	
Amount					10.32572536752 X 6253.7547438		64574.55	

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 specifaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road bed	1.000	62.000	13.330	0.320	0.000	264.467	-
Total Quantity					264.4672 Cft (Cubic Foot)		7.48886480896 Cum (Cubic Meter)	
Amount					7.48886480896 X 7789.7833276		58336.63	

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	cut off	2.000	62.000	0.000	1.000	0.000	124.000	-
ii	side cut off	2.000	62.000	0.000	0.300	0.000	37.200	-

iii	out side cut off	2.000	11.830	0.000	0.830	0.000	19.638	-
Total Quantity					180.8378 Sft (Square Foot)		16.8003741334 Sqm (Square Meter)	
Amount					16.8003741334 X 216.23489289764		3632.83	
Total Amount							133270.97	
Addition								
Provision for Contingency (+) @							1332.71	
Display Citizen Board (+) @							2396.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							3728.71	
Grand Net Total Amount							136999.68	

Manoranjan Rout
JE
Gopabandhunagar Block

AVISHEK KAPUNDIA
AEE
Gopabandhunagar Block

PRUTHWIRAJ PARIDA
BDO
Gopabandhunagar Block