

Detailed Estimate

OD/361/3452/119471/386008/00066943 : CONST OF NEW CC ROAD MODI SAHI TO PALA MANDAP

Block : Kendujhar Sadar, Gram Panchayat : Sankiri

Created By:Ratikanta Lenka

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	173.000	0.830	0.500	0.000	143.590	-
Total Quantity					143.59 Cft (Cubic Foot)		4.066009312 Cum (Cubic Meter)	
Amount					4.066009312 X 240.77592		979.00	
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	173.000	0.830	0.330	0.000	94.769	-
ii	road	1.000	50.000	10.340	0.250	0.000	129.250	-
iii		1.000	50.000	10.465	0.250	0.000	130.812	-
iv		1.000	50.000	10.715	0.250	0.000	133.938	-
v		1.000	23.000	10.590	0.250	0.000	60.893	-
Total Quantity					549.6619 Cft (Cubic Foot)		15.56466608992 Cum (Cubic Meter)	
Amount					15.56466608992 X 1053.089832		16390.99	
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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cut off	2.000	173.000	0.830	0.750	0.000	215.385	-
ii	road	1.000	50.000	10.340	0.330	0.000	170.610	-
iii		1.000	50.000	10.465	0.330	0.000	172.673	-
iv		1.000	50.000	10.715	0.330	0.000	176.798	-
v		1.000	23.000	10.590	0.330	0.000	80.378	-
Total Quantity					815.8431 Cft (Cubic Foot)		23.10206589408 Cum (Cubic Meter)	
Amount					23.10206589408 X 6075.04023724		140345.98	

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 specification and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	50.000	12.000	0.290	0.000	174.000	-
ii		1.000	50.000	12.125	0.290	0.000	175.812	-
iii		1.000	50.000	12.375	0.250	0.000	154.688	-
iv		1.000	23.000	12.250	0.250	0.000	70.438	-
Total Quantity					574.9375 Cft (Cubic Foot)		16.2803902 Cum (Cubic Meter)	
Amount					16.2803902 X 7545.78654588		122848.35	

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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	4.000	173.000	0.000	0.570	0.000	394.440	-
ii		2.000	173.000	0.000	0.290	0.000	100.340	-
Total Quantity					494.78 Sft (Square Foot)		45.96654634 Sqm (Square Meter)	
Amount					45.96654634 X 216.23489289764		9939.57	
Total Amount							290503.89	
Addition								
Provision for Contingency (+) @							3000.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							1496.11	
Provision for survey investigation and quality control (+) @								
Total Addition							9496.11	
Grand Net Total Amount							300000.00	

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