

Detailed Estimate

OD/361/3452/119462/386181/00015542 : CONSTRUCTION OF CC ROAD FROM PWD ROAD NARANPUR TO DALAKI ROAD

Block : Kendujhar Sadar, Panchayat : Naranpur

Created By: Samir Kabi

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	cutoff wall	2.000	28.500	0.250	0.200	0.000	2.850	-
ii	c/s cutoff	2.000	3.150	0.250	0.200	0.000	0.315	-
Total Quantity					3.165 cum (cum)		3.165 Cum (Cubic Meter)	
Amount					3.165 X 235.56432		745.56	
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	cutoff wall	2.000	28.800	0.250	0.100	0.000	1.440	-
ii	c/s cutoff	2.000	3.150	0.250	0.100	0.000	0.158	-
iii	road surface	1.000	28.500	3.150	0.075	0.000	6.733	-
Total Quantity					8.330625 cum (cum)		8.330625 Cum (Cubic Meter)	
Amount					8.330625 X 928.055872		7731.29	
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	cutoff wall	2.000	28.500	0.250	0.200	0.000	2.850	-

ii	c/s cutoff	2.000	3.150	0.250	0.200	0.000	0.315	-
iii	road surface	1.000	28.500	3.150	0.100	0.000	8.978	-
Total Quantity					12.1425 cum (cum)		12.1425 Cum (Cubic Meter)	
Amount					12.1425 X 5698.66662584		69196.06	
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 and as per direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	road surface	1.000	28.500	3.650	0.075	0.000	7.802	-
Total Quantity					7.801875 cum (cum)		7.801875 Cum (Cubic Meter)	
Amount					7.801875 X 7191.12102608		56104.23	
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 centering 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	cutoff wall	2.000	28.500	0.200	0.000	0.000	11.400	-
ii	c/s cutoff	4.000	3.150	0.200	0.000	0.000	2.520	-
iii	road surface	2.000	28.500	0.075	0.000	0.000	4.275	-
Total Quantity					18.195 Sqm (Sqm)		18.195 Sqm (Square Meter)	
Amount					18.195 X 215.22489289764		3916.02	
Total Amount							137693.15	
Addition								
Provision for Contingency (+) @							1376.93	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							1717.50	

Total Addition	6094.43
Grand Net Total Amount	143787.58