

Detailed Estimate

OD/361/3452/119466/385977/00015546 : CONSTRUCTION OF CC ROAD FROM MOHAN MAHANTA HOUSE TO

BASANTA BARIK HOUSE MURSUAN GP PALASPANGA

Block : Kendujhar Sadar, Panchayat : Palaspanga

Created By:Ranjan Kumar Swain

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	78.000	0.830	0.500	0.000	64.740	-
Total Quantity						64.74 Cft (Cubic Foot)	1.833229632 Cum (Cubic Meter)	
Amount						1.833229632 X 235.56432	431.84	
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	78.000	0.830	0.330	0.000	42.728	-
ii	Road base	1.000	78.000	10.330	0.250	0.000	201.435	-
Total Quantity						244.1634 Cft (Cubic Foot)	6.91392616512 Cum (Cubic Meter)	
Amount						6.91392616512 X 1070.425472	7400.84	
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	78.000	0.830	0.660	0.000	85.457	-

ii	Road base	1.000	78.000	10.330	0.330	0.000	265.894	-
Total Quantity					351.351 Cft (Cubic Foot)		9.9491359968 Cum (Cubic Meter)	
Amount					9.9491359968 X 6089.73294964		60587.58	
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 base	1.000	78.000	12.000	0.330	0.000	308.880	-
Total Quantity					308.88 Cft (Cubic Foot)		8.746493184 Cum (Cubic Meter)	
Amount					8.746493184 X 7555.14427668		66081.02	
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	cut off	4.000	78.000	0.000	0.500	0.000	156.000	-
ii	Road base	2.000	78.000	0.000	0.330	0.000	51.480	-
Total Quantity					207.48 Sft (Square Foot)		19.27551444 Sqm (Square Meter)	
Amount					19.27551444 X 215.22489289764		4148.57	
Total Amount							138649.86	
Addition								
Provision for Contingency (+) @							1438.00	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							700.14	
Total Addition							5138.14	

Grand Net Total Amount

143788.00