

Detailed Estimate

OD/367/3527/120660/406280/00013775 : CONST OF C.C ROAD FROM NUA POKHARI TO SMASAN AT CHAMPATIPUR
Block : Nayagarh, Panchayat : Champatipur
Created By: Santosh Kumar Mallick

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	protection wall to Road	2.000	4.000	1.100	1.000	0.000	8.800	-
Total Quantity					8.8 cum (cum)		8.8 Cum (Cubic Meter)	
Amount					8.8 X 235.56432		2072.97	
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	protection wall to Road	2.000	4.000	1.100	0.150	0.000	1.320	-
ii	road	1.000	14.000	5.000	0.100	0.000	7.000	-
iii	extra filling	2.000	14.000	0.450	0.300	0.000	3.780	-
Total Quantity					12.1 cum (cum)		12.1 Cum (Cubic Meter)	
Amount					12.1 X 779.535372		9432.38	
3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	protection wall to Road	2.000	4.000	1.050	0.150	0.000	1.260	-

ii	road	1.000	14.000	5.000	0.100	0.000	7.000	-
iii	protection wall to Road	2.000	4.000	0.720	1.200	0.000	6.912	-
Total Quantity					15.172 cum (cum)		15.172 Cum (Cubic Meter)	
Amount					15.172 X 5130.2318043		77835.88	
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 specifaicaon and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	protection wall to Road	2.000	4.000	0.450	0.050	0.000	0.180	-
ii	road	1.000	14.000	5.000	0.100	0.000	7.000	-
Total Quantity					7.18 cum (cum)		7.18 Cum (Cubic Meter)	
Amount					7.18 X 6905.5061581		49581.53	
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	protection wall to Road	4.000	4.000	0.000	1.200	0.000	19.200	-
Total Quantity					19.2 Sqm (Sqm)		19.2 Sqm (Square Meter)	
Amount					19.2 X 215.22489289764		4132.32	
Total Amount							143055.07	
Addition								
Provision for PH Work (+) @							0.00	
Provision for EI Work (+) @							0.00	
Provision for Contingency (+) @							0.00	

Display Citizen Board (+) @	500.00
Any Other Lumpsum (+) @	232.58
Total Addition	732.58
Grand Net Total Amount	143787.65