

Detailed Estimate

OD/346/3307/116286/393011/00072730 : Const of CC Road from Bhimeswar college to Madan majhi houseVill

Naigopalpur

Block : Remuna, Gram Panchayat : Patripal

Created By: MADHUSMITA PUHAN

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	C/Wall	2.000	240.000	0.750	0.500	0.000	180.000	-
Total Quantity					180 Cft (Cubic Foot)		5.097024 Cum (Cubic Meter)	
Amount					5.097024 X 240.77592		1227.24	
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	c/Wall	2.000	240.000	0.750	0.160	0.000	57.600	-
ii	R/Bed	1.000	240.000	8.500	0.330	0.000	673.200	-
Total Quantity					730.8 Cft (Cubic Foot)		20.69391744 Cum (Cubic Meter)	
Amount					20.69391744 X 972.128232		20117.14	
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	C/Wall	2.000	240.000	0.750	0.750	0.000	270.000	-
ii	R/Bed	1.000	240.000	8.500	0.330	0.000	673.200	-
Total Quantity					943.2 Cft (Cubic Foot)		26.70840576 Cum (Cubic Meter)	
Amount					26.70840576 X 6238.7102787		166626.01	
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 specificaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	R/Bed	1.000	240.000	10.000	0.330	0.000	792.000	-
Total Quantity					792 Cft (Cubic Foot)		22.4269056 Cum (Cubic Meter)	
Amount					22.4269056 X 7664.7749509		171897.18	
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	C/wall	2.000	240.000	1.160	0.000	0.000	556.800	-
ii	C/wall	2.000	240.000	0.660	0.000	0.000	316.800	-
Total Quantity					873.6 Sft (Square Foot)		81.1600608 Sqm (Square Meter)	
Amount					81.1600608 X 216.23489289764		17549.64	
6. miscellaneous (ARM258) : Laying and fixing in position R.C.C. spun pipes with collars jointed with cement mortar 1:3 complete excluding cost of spun pipes and collars 250mm dia R.C.C. pipe. (Other miscellaneous items) and as directed by Engineer-in-Charge.								

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SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	humepipe	2.000	6.750	0.000	0.000	0.000	13.500	-
Total Quantity					13.5 ft (Feet)		44.29134 Rmt (Meter)	
Amount					44.29134 X 20.01		886.27	
Total Amount							378303.48	
Addition								
Provision for Contingency (+) @							3783.03	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							12913.00	
Provision for survey investigation and quality control (+) @								
Total Addition							21696.03	
Grand Net Total Amount							399999.51	

MADHUSMITA PUHAN
JE
Remuna Block

AJAY KUMAR BEHERA
AEE
Remuna Block

Sourav Sarthak Mohapatra
BDO
Remuna Block