

Detailed Estimate

OD/373/3576/121567/385209/00068161 : Construction of Cement Concrete Road from Aurobindo School to Bonai Jail Gate

Block : Bonaigarh, Gram Panchayat : Bonaigarh

Created By: SAGARIKA 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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD	1.000	109.500	3.050	0.100	0.000	33.398	-
ii	extra for cutoff	2.000	109.500	0.250	0.250	0.000	13.688	-
Total Quantity					47.085 cum (cum)		47.085 Cum (Cubic Meter)	
Amount					47.085 X 240.77592		11336.93	
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	ROAD	1.000	109.500	3.050	0.100	0.000	33.398	-
Total Quantity					33.3975 cum (cum)		33.3975 Cum (Cubic Meter)	
Amount					33.3975 X 592.267232		19780.24	
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	ROAD	1.000	109.500	3.050	0.100	0.000	33.398	-

ii	EXTRA FOR CUTOFF	2.000	109.500	0.250	0.075	0.000	4.106	-
Total Quantity					37.50375 cum (cum)		37.50375 Cum (Cubic Meter)	
Amount					37.50375 X 6020.47178352		225790.27	
4. 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	SIDE OF CUTOFF	2.000	109.500	0.000	0.200	0.000	43.800	-
Total Quantity					43.8 Sqm (Sqm)		43.8 Sqm (Square Meter)	
Amount					43.8 X 216.23489289764		9471.09	
5. 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	ROAD	1.000	109.500	3.050	0.100	0.000	33.398	-
Total Quantity					33.3975 cum (cum)		33.3975 Cum (Cubic Meter)	
Amount					33.3975 X 7451.54045224		248862.82	
Total Amount							515241.36	
Addition								
Provision for Contingency (+) @							4758.50	
Display Citizen Board (+) @							5000.00	

Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
Total Addition	9758.50
Grand Net Total Amount	524999.86

SAGARIKA SWAIN
JE
Bonaigarh Block

GOUTAM NAYAK
AEE
Bonaigarh Block

BDO Bonaigarh
BDO
Bonaigarh Block