

Detailed Estimate

OD/359/3430/118977/415448/00013543 : Imp. Of road from Nedisahi to New AWC

Block : Phulbani, Gram Panchayat : Alami

Created By:DEEPAK KUMAR BEHERA

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	Excavation of wall fdn	1.000	60.000	2.500	1.500	0.000	225.000	-
ii	Excavation of wall fdn	1.000	120.000	2.500	2.500	0.000	750.000	-
Total Quantity					975 Cft (Cubic Foot)		27.60888 Cum (Cubic Meter)	
Amount					27.60888 X 240.77592		6647.55	
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	wall base	1.000	60.000	2.500	0.500	0.000	75.000	-
ii	wall base	1.000	120.000	2.500	0.500	0.000	150.000	-
Total Quantity					225 Cft (Cubic Foot)		6.37128 Cum (Cubic Meter)	
Amount					6.37128 X 543.847832		3465.01	
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	wall	1.000	180.000	2.500	0.500	0.000	225.000	-
ii	wall	1.000	60.000	1.500	2.500	0.000	225.000	-

iii	wall	1.000	120.000	2.000	4.330	0.000	1039.200	-
Total Quantity					1489.2 Cft (Cubic Foot)		42.16937856 Cum (Cubic Meter)	
Amount					42.16937856 X 5870.3119404		247547.41	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall top	1.000	180.000	1.500	0.160	0.000	43.200	-
Total Quantity					43.2 Cft (Cubic Foot)		1.22328576 Cum (Cubic Meter)	
Amount					1.22328576 X 8079.5229568		9883.57	
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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	2.000	60.000	2.500	0.000	0.000	300.000	-
ii	wall	2.000	120.000	4.330	0.000	0.000	1039.200	-
Total Quantity					1339.2 Sft (Square Foot)		124.4156976 Sqm (Square Meter)	
Amount					124.4156976 X 216.23489289764		26903.02	
Total Amount							294446.55	
Addition								
Provision for Contingency (+) @							2553.45	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								

Total Addition	5553.45
Grand Net Total Amount	300000.00