

Detailed Estimate

OD/350/3336/116947/399135/00016940 : Maint. & Imp. of Road with CC/ Gr-II Metalling from Arilo Gramya Road to Ananta Basudev Pitha

Block : Baranga, Gram Panchayat : Ramdaspur

Created By:DEBASMITA LENKA

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	excavation	2.000	16.760	0.220	0.100	0.000	0.737	-
Total Quantity					0.73744 cum (cum)		0.73744 Cum (Cubic Meter)	
Amount					0.73744 X 240.77592		177.56	
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	SAND FILLING	2.000	16.760	0.220	0.050	0.000	0.369	-
ii	CUTOFF	2.000	27.430	0.220	0.050	0.000	0.603	-
iii	BASE	1.000	16.760	2.913	0.100	0.000	4.882	-
iv		1.000	27.430	2.608	0.100	0.000	7.154	-
Total Quantity					13.008112 cum (cum)		13.008112 Cum (Cubic Meter)	
Amount					13.008112 X 515.507232		6705.78	
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	CUTOFF	2.000	16.760	0.220	0.150	0.000	1.106	-
ii		2.000	27.430	0.220	0.150	0.000	1.810	-
iii	ROAD	1.000	16.760	3.350	0.100	0.000	5.615	-
iv		1.000	27.430	3.050	0.100	0.000	8.366	-
Total Quantity					16.89729 cum (cum)		16.89729 Cum (Cubic Meter)	
Amount					16.89729 X 5651.04573386		95487.36	

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 specifaion and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	WEARING	1.000	16.760	3.350	0.075	0.000	4.211	-
ii		1.000	27.430	3.050	0.075	0.000	6.275	-
Total Quantity					10.4855625 cum (cum)		10.4855625 Cum (Cubic Meter)	
Amount					10.4855625 X 7140.88925582		74876.24	

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		2.000	44.200	0.000	0.200	0.000	17.680	-

Total Quantity	17.68 Sqm (Sqm)	17.68 Sqm (Square Meter)
Amount	17.68 X 216.23489289764	3823.03
Total Amount		181069.97
Addition		
Provision for Contingency (+) @		1865.00
Display Citizen Board (+) @		2000.00
Any Other Lumpsum (+) @		1590.00
Provision for survey investigation and quality control (+) @		
Total Addition		5455.00
Grand Net Total Amount		186524.97

DEBASMITA LENKA
JE
Baranga Block

Aditya Narayan Mishra
AEE
Baranga Block

Swagat Das
BDO
Baranga Block