

Detailed Estimate

OD/370/3557/121252/426614/00017063 : Improvement of CC road at B.Halua(Revenue Vill-Brahmin Halua)

Block : Rayagada, Gram Panchayat : Bariagihalwa

Created By:AMBIKA PRASAD DASH

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	Cutoff	2.000	43.000	0.300	0.300	1.000	7.740	-
Total Quantity					7.74 cum (cum)		7.74 Cum (Cubic Meter)	
Amount					7.74 X 240.77592		1863.61	
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	Cutoff	2.000	43.000	0.300	0.050	1.000	1.290	-
ii	Bed	1.000	43.000	3.000	0.050	1.000	6.450	-
Total Quantity					7.74 cum (cum)		7.74 Cum (Cubic Meter)	
Amount					7.74 X 598.599932		4633.16	
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	43.000	0.300	0.200	1.000	5.160	-
ii	Bed	1.000	43.000	3.000	0.100	1.000	12.900	-
Total Quantity					18.06 cum (cum)		18.06 Cum (Cubic Meter)	

Amount						18.06 X 5205.49859404	94011.30	
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	Road	1.000	43.000	3.600	0.075	1.000	11.610	-
ii	E Joint	8.000	3.600	0.025	0.075	1.000	-	0.054
Total Quantity						11.556 cum (cum)	11.556 Cum (Cubic Meter)	
Amount						11.556 X 6781.69090248	78369.22	
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	Road	2.000	43.000	1.000	0.100	1.000	8.600	-
Total Quantity						8.6 Sqm (Sqm)	8.6 Sqm (Square Meter)	
Amount						8.6 X 216.70813962884	1863.69	
Total Amount							180740.98	
Addition								
Provision for Contingency (+) @							1807.41	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							983.60	
Total Addition							5791.01	
Grand Net Total Amount							186531.99	