

Detailed Estimate

OD/349/3329/116779/418274/00016782 : Improvement of road from NH-57 to Chhelibahal Road

Block : Boudh, Panchayat : Baunsuni

Created By: MANOJ 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	CUTOFF	2.000	25.000	0.250	0.250	0.000	3.125	-
ii	END CUTOFF	2.000	3.150	0.250	0.250	0.000	0.394	-
Total Quantity					3.51875 cum (cum)		3.51875 Cum (Cubic Meter)	
Amount					3.51875 X 235.56432		828.89	
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	SIDE CUTOFF	2.000	25.000	0.250	0.100	0.000	1.250	-
ii	END CUTOFFS	2.000	3.150	0.250	0.100	0.000	0.158	-
iii	ROADBED	1.000	24.530	3.150	0.100	0.000	7.727	-
Total Quantity					9.13445 cum (cum)		9.13445 Cum (Cubic Meter)	
Amount					9.13445 X 514.258872		4697.47	
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, rramming, 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	25.000	0.250	0.250	0.000	3.125	-

ii	ENDCUTOFF	2.000	3.150	0.250	0.250	0.000	0.394	-
iii	ROADBED	1.000	25.000	3.650	0.100	0.000	9.125	-
Total Quantity					12.64375 cum (cum)		12.64375 Cum (Cubic Meter)	
Amount					12.64375 X 5361.4464684		67788.79	

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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	ENDCUTOFF	2.000	3.650	0.300	0.000	0.000	2.190	-
ii	SIDECUTOFF	4.000	25.000	0.100	0.000	0.000	10.000	-
iii	ROADSIDE	2.000	25.000	0.200	0.000	0.000	10.000	-
Total Quantity					22.19 Sqm (Sqm)		22.19 Sqm (Square Meter)	
Amount					22.19 X 215.38264180804		4779.34	

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 specifaicaion and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD BED	1.000	25.000	3.650	0.100	0.000	9.125	-
Total Quantity					9.125 cum (cum)		9.125 Cum (Cubic Meter)	
Amount					9.125 X 6877.3025848		62755.39	
Total Amount							140849.88	

Addition

Provision for Contingency (+) @							1408.50	
Display Citizen Board (+) @							1529.62	
Any Other Lumpsum (+) @								

Total Addition	2938.12
Grand Net Total Amount	143788.00