

Detailed Estimate

OD/370/3557/121274/426560/00016747 : Construction of CC road at Pipalguda

Block : Rayagada, Panchayat : Pipalguda

Created By: JPN BHATTARAY

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	road bed levelling	1.000	29.000	4.000	0.350	0.000	40.600	-
ii	side wall	2.000	29.000	0.300	0.300	0.000	5.220	-
iii	cut off wall	2.000	28.400	0.300	0.300	0.000	5.112	-
Total Quantity					50.932 cum (cum)		50.932 Cum (Cubic Meter)	
Amount					50.932 X 235.56432		11997.76	
2. Earth Work (AR0115a) : Filling foundation and plinth with crusher dust well watered and rammed								
Filling foundation and plinth with crusher dust 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	road bed	1.000	28.400	3.400	0.100	0.000	9.656	-
ii	side wall	2.000	29.000	0.300	0.050	0.000	0.870	-
iii	cut off wall	2.000	3.400	0.300	0.050	0.000	0.102	-
Total Quantity					10.628 cum (cum)		10.628 Cum (Cubic Meter)	
Amount					10.628 X 710.794772		7554.33	
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	side wall	2.000	29.000	0.300	0.250	0.000	4.350	-
ii	cut off wall	2.000	3.400	0.300	0.250	0.000	0.510	-
iii	road bed	1.000	29.000	4.000	0.100	0.000	11.600	-
Total Quantity					16.46 cum (cum)		16.46 Cum (Cubic Meter)	
Amount					16.46 X 5194.51153932		85501.66	
4. Concrete (AR0307a) : Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum								
Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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	road bed	1.000	29.000	4.000	0.100	0.000	11.600	-
Total Quantity					11.6 cum (cum)		11.6 Cum (Cubic Meter)	
Amount					11.6 X 6611.07729484		76688.50	
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 centering 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 bed	1.000	29.000	0.000	0.100	0.000	2.900	-
Total Quantity					2.9 Sqm (Sqm)		2.9 Sqm (Square Meter)	
Amount					2.9 X 215.69813962884		625.52	
Total Amount							182367.77	
Addition								
Provision for Contingency (+) @							1823.68	
Display Citizen Board (+) @							2340.00	
Any Other Lumpsum (+) @								
Total Addition							4163.68	
Grand Net Total Amount							186531.45	