

Detailed Estimate

OD/370/3557/121270/426366/00016599 : Construction of CC road from Matikona to Jereka

Block : Rayagada, Panchayat : Matikona

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	Over all bed levelling	1.000	22.000	4.000	0.150	0.000	13.200	-
ii	Side wall	2.000	22.000	0.300	0.300	0.000	3.960	-
iii	Cut off wall	2.000	3.400	0.300	0.300	0.000	0.612	-
Total Quantity					17.772 cum (cum)		17.772 Cum (Cubic Meter)	
Amount					17.772 X 235.56432		4186.45	
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 wall	2.000	22.000	0.300	0.050	0.000	0.660	-
ii	Cut off wall	2.000	3.400	0.300	0.050	0.000	0.102	-
iii	Road Bed	1.000	21.400	3.400	0.100	0.000	7.276	-
Total Quantity					8.038 cum (cum)		8.038 Cum (Cubic Meter)	
Amount					8.038 X 758.880872		6099.88	
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	22.000	0.300	0.250	0.000	3.300	-
ii	road surface	1.000	22.000	4.000	0.100	0.000	8.800	-
iii	cut off wall	2.000	3.400	0.300	0.250	0.000	0.510	-
Total Quantity					12.61 cum (cum)		12.61 Cum (Cubic Meter)	
Amount					12.61 X 5382.61393932		67874.76	
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 Surface	1.000	22.000	4.000	0.100	0.000	8.800	-
Total Quantity					8.8 cum (cum)		8.8 Cum (Cubic Meter)	
Amount					8.8 X 6787.42329484		59729.32	
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	Centring	2.000	22.000	0.000	0.200	0.000	8.800	-
Total Quantity					8.8 Sqm (Sqm)		8.8 Sqm (Square Meter)	
Amount					8.8 X 215.38264180804		1895.37	
Total Amount							139785.79	
Addition								
Provision for Contingency (+) @							1397.86	
Display Citizen Board (+) @							2604.00	
Any Other Lumpsum (+) @								
Total Addition							4001.86	
Grand Net Total Amount							143787.65	