

Detailed Estimate

OD/346/3305/116253/393306/00069513 : Repair and restoration of road from Rabindra Sahu house to Tika sankhua house via paschima thakurani

Block : Nilgiri, Gram Panchayat : Telipal

Created By: MADHUSMITA MOHANTY

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	WALL	2.000	26.000	0.750	0.660	0.000	25.740	-
Total Quantity					25.74 Cft (Cubic Foot)		0.728874432 Cum (Cubic Meter)	
Amount					0.728874432 X 240.77592		175.50	
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	WALL	2.000	26.000	0.750	0.330	0.000	12.870	-
ii	ROAD	1.000	26.000	13.500	0.500	0.000	175.500	-
Total Quantity					188.37 Cft (Cubic Foot)		5.334035616 Cum (Cubic Meter)	
Amount					5.334035616 X 987.278232		5266.18	
3. 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								

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	WALL	2.000	26.000	2.000	0.500	0.000	52.000	-
ii	ROAD	1.000	26.000	2.000	0.330	0.000	17.160	-
Total Quantity					69.16 Sft (Square Foot)		6.42517148 Sqm (Square Meter)	
Amount					6.42517148 X 216.39264180804		1390.36	

4. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	WALL	2.000	26.000	0.750	0.830	0.000	32.370	-
ii	ROAD	1.000	26.000	15.000	0.330	0.000	128.700	-
Total Quantity					161.07 Cft (Cubic Foot)		4.560986976 Cum (Cubic Meter)	
Amount					4.560986976 X 6041.0611062		27553.20	

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 specificaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	RAOD	1.000	26.000	15.000	0.280	0.000	109.200	-
Total Quantity					109.2 Cft (Cubic Foot)		3.09219456 Cum (Cubic Meter)	
Amount					3.09219456 X 7687.9615714		23772.67	
Total Amount							58157.91	

Addition	
Provision for Contingency (+) @	600.00
Display Citizen Board (+) @	300.00
Any Other Lumpsum (+) @	842.09
Provision for survey investigation and quality control (+) @	
Total Addition	1742.09
Grand Net Total Amount	59900.00

MADHUSMITA MOHANTY
JE
Nilgiri Block

Sarat kumar Upadhyay
AEE
Nilgiri Block

Bikram Kishore Parida
BDO
Nilgiri Block