

Detailed Estimate

OD/346/3305/116245/393130/00074032 : rep and restoration of road from Goutam behera house chhaka to PWD road
, JUJUDIHA

Block : Nilgiri, Gram Panchayat : Mahisapata

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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	WALL	2.000	30.000	0.750	0.660	0.000	29.700	-
Total Quantity					29.7 Cft (Cubic Foot)		0.84100896 Cum (Cubic Meter)	
Amount					0.84100896 X 240.77592		202.49	
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	WALL	2.000	30.000	0.750	0.330	0.000	14.850	-
ii	rOAD	1.000	30.000	8.500	0.330	0.000	84.150	-
Total Quantity					99 Cft (Cubic Foot)		2.8033632 Cum (Cubic Meter)	
Amount					2.8033632 X 987.278232		2767.70	
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	30.000	2.000	0.330	0.000	39.600	-
ii	ROAD	1.000	30.000	2.000	0.660	0.000	39.600	-
Total Quantity					79.2 Sft (Square Foot)		7.3579176 Sqm (Square Meter)	
Amount					7.3579176 X 216.39264180804		1592.20	

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	30.000	0.750	0.660	0.000	29.700	-
ii	ROAD	1.000	30.000	10.000	0.330	0.000	99.000	-
Total Quantity					128.7 Cft (Cubic Foot)		3.64437216 Cum (Cubic Meter)	
Amount					3.64437216 X 6174.8659062		22503.51	

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	ROAD	1.000	30.000	10.000	0.290	0.000	87.000	-
Total Quantity					87 Cft (Cubic Foot)		2.4635616 Cum (Cubic Meter)	
Amount					2.4635616 X 8083.2402214		19913.56	
Total Amount							46979.46	

Addition	
Provision for Contingency (+) @	480.00
Display Citizen Board (+) @	300.00
Any Other Lumpsum (+) @	240.53
Provision for survey investigation and quality control (+) @	
Total Addition	1020.53
Grand Net Total Amount	47999.99

MADHUSMITA MOHANTY
JE
Nilgiri Block

Sarat kumar Upadhyay
AEE
Nilgiri Block

Bikram Kishore Parida
BDO
Nilgiri Block