

Detailed Estimate

OD/346/3306/116259/393379/00063616 : Repair and Restoration of road from Naranpur RD road to sarat Nayak house.

Block : Oupada, Gram Panchayat : Fatepur

Created By:Gayadhara Singh

1. Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation								
Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Fine Dressing	1.000	24.000	3.350	0.000	0.000	80.400	-
Total Quantity					80.4 Sqm (Sqm)		80.4 Sqm (Square Meter)	
Amount					80.4 X 4.6662		375.16	
2. 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	Earth Work C/W	2.000	24.000	0.228	0.100	0.000	1.094	-
Total Quantity					1.0944 cum (cum)		1.0944 Cum (Cubic Meter)	
Amount					1.0944 X 240.77592		263.51	
3. 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	Sand Filling C/W	2.000	24.000	0.228	0.049	0.000	0.536	-
ii	Base	1.000	24.000	2.897	0.100	0.000	6.953	-

Total Quantity	7.489056 cum (cum)	7.489056 Cum (Cubic Meter)
Amount	7.489056 X 1541.929832	11547.60

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	C C (1:3:6) C/W	2.000	24.000	0.228	0.300	0.000	3.283	-
ii	Bed	1.000	24.000	2.897	0.100	0.000	6.953	-
Total Quantity					10.236 cum (cum)		10.236 Cum (Cubic Meter)	
Amount					10.236 X 6087.96207624		62316.38	

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	P C C (1:2:4)	1.000	24.000	3.350	0.100	0.000	8.040	-
Total Quantity					8.04 cum (cum)		8.04 Cum (Cubic Meter)	
Amount					8.04 X 7698.68327488		61897.41	

6. 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	C/W	2.000	24.000	2.000	0.300	0.000	28.800	-

ii		1.000	24.000	2.000	0.150	0.000	7.200	-	
Total Quantity					36 Sqm (Sqm)		36 Sqm (Square Meter)		
Amount					36 X 216.23489289764		7784.46		
Total Amount							144184.52		
Addition									
Provision for Contingency (+) @							1441.85		
Display Citizen Board (+) @							2000.00		
Any Other Lumpsum (+) @							2373.00		
Provision for survey investigation and quality control (+) @									
Total Addition							5814.85		
Grand Net Total Amount							149999.36		

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