

Detailed Estimate

OD/363/3469/119771/428455/00067199 : CONSTRUCTION O CC ROAD WITH DRAIN AT SEMILIGUDA
Block : Dasamantapur, Gram Panchayat : Murkar
Created By:Haladhar Sial

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	Road	1.000	71.000	3.000	0.000	0.000	213.000	-
Total Quantity					213 Sqm (Sqm)		213 Sqm (Square Meter)	
Amount					213 X 4.6662		993.90	
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	Drain	1.000	3.000	1.500	0.600	0.000	2.700	-
ii	Cutoof wall	2.000	71.000	0.225	0.250	0.000	7.988	-
Total Quantity					10.6875 cum (cum)		10.6875 Cum (Cubic Meter)	
Amount					10.6875 X 240.77592		2573.29	
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	Drain Base	1.000	3.000	1.500	0.100	0.000	0.450	-
ii	Cutoff	2.000	71.000	0.225	0.050	0.000	1.598	-

iii	RoadBase	2.000	71.000	1.275	0.123	0.000	22.179	-
Total Quantity					24.226125 cum (cum)		24.226125 Cum (Cubic Meter)	
Amount					24.226125 X 718.820232		17414.23	

4. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal

Cement concrete (1:3:6) with 4 cm. hard granite(Crusher 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	Drain Bed	1.000	3.000	1.500	0.150	0.000	0.675	-
ii	Drain Wall	2.000	3.000	0.375	0.500	0.000	1.125	-
iii	cc road	1.000	71.000	2.550	0.100	0.000	18.105	-
iv	Cutoff	2.000	71.000	0.225	0.400	0.000	12.780	-
Total Quantity					32.685 cum (cum)		32.685 Cum (Cubic Meter)	
Amount					32.685 X 5777.77034094		188846.42	

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	Drain Bed	1.000	3.000	0.600	0.050	0.000	0.090	-
ii	Wall top	2.000	3.000	0.300	0.050	0.000	0.090	-
iii	Road	1.000	71.000	3.000	0.100	0.000	21.300	-
Total Quantity					21.48 cum (cum)		21.48 Cum (Cubic Meter)	
Amount					21.48 X 7276.99887178		156309.94	

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	Drain wall	4.000	3.000	0.300	0.000	0.000	3.600	-
ii	Road	2.000	71.000	0.550	0.000	0.000	78.100	-
iii	Cutoff(inside)	2.000	71.000	0.200	0.000	0.000	28.400	-
Total Quantity					110.1 Sqm (Sqm)		110.1 Sqm (Square Meter)	
Amount					110.1 X 217.02363744964		23894.30	
Total Amount							390032.08	
Addition								
Provision for Contingency (+) @							3000.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							1967.91	
Provision for survey investigation and quality control (+) @								
Total Addition							9967.91	
Grand Net Total Amount							399999.99	

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Abhishek Sarangi
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