

Detailed Estimate

OD/363/3468/119744/428243/00068973 : CONSTRUCTION OF CC DRAIN AND ROAD AT AMTIAGUDA
Block : Borigumma, Gram Panchayat : Hordoli
Created By: Sarmila Nayak

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	cutoff	2.000	71.000	0.200	0.200	0.000	5.680	-
ii	drain	2.000	71.000	1.200	0.750	0.000	127.800	-
Total Quantity					133.48 cum (cum)		133.48 Cum (Cubic Meter)	
Amount					133.48 X 240.77592		32138.77	
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	road	2.000	71.000	0.200	0.100	0.000	2.840	-
ii	drain	2.000	71.000	1.200	0.100	0.000	17.040	-
Total Quantity					19.88 cum (cum)		19.88 Cum (Cubic Meter)	
Amount					19.88 X 816.083232		16223.73	
3. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	road	2.000	71.000	0.200	0.200	0.000	5.680	-
ii	drain	2.000	71.000	1.200	0.100	0.000	17.040	-
iii	wall	4.000	71.000	0.300	0.500	0.000	42.600	-
Total Quantity					65.32 cum (cum)		65.32 Cum (Cubic Meter)	
Amount					65.32 X 5529.8308303		361208.55	

4. 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	cutoff	4.000	71.000	0.000	0.200	0.000	56.800	-
ii	wall	4.000	71.000	0.000	0.500	0.000	142.000	-
Total Quantity					198.8 Sqm (Sqm)		198.8 Sqm (Square Meter)	
Amount					198.8 X 216.23489289764		42987.50	

5. 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.

Sl 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	

6. 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	cut off	2.000	71.000	0.200	0.180	0.000	5.112	-
ii	drain bed	2.000	71.000	0.600	0.050	0.000	4.260	-
iii	wall	4.000	71.000	0.300	0.050	0.000	4.260	-
Total Quantity					13.632 cum (cum)		13.632 Cum (Cubic Meter)	
Amount					13.632 X 7085.6794521		96591.98	
7. miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC								
Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	71.000	3.200	0.000	0.000	227.200	-
Total Quantity					227.2 Sqm (Sqm)		227.2 Sqm (Square Meter)	
Amount					227.2 X 630.927		143346.61	
Total Amount							693491.05	
Addition								
Provision for PH Work (+) @							200.00	
Provision for EI Work (+) @							200.00	
Provision for Contingency (+) @							3000.00	
Display Citizen Board (+) @							2500.00	
Any Other Lumpsum (+) @							100.00	
Provision for survey investigation and quality control (+) @							508.00	
Total Addition							6508.00	
Grand Net Total Amount							699999.05	

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