

Detailed Estimate

**OD/363/3468/119738/428262/00069547 : CONSTRUCTION OF C.C ROAD & DRAIN AT PURUNA JHILIMILI OF
BORIGUMMA**

**Block : Borigumma, Gram Panchayat : Borigumma
Created By:RATINDRA PANIGRAHI**

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	drain	2.000	51.000	0.800	0.600	0.000	48.960	-
ii	cut off	2.000	51.000	0.300	0.200	0.000	6.120	-
Total Quantity					55.08 cum (cum)		55.08 Cum (Cubic Meter)	
Amount					55.08 X 240.77592		13261.94	
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	drian	2.000	51.000	0.800	0.100	0.000	8.160	-
ii	road	1.000	51.000	3.000	0.100	0.000	15.300	-
iii	road cutoff	2.000	51.000	0.300	0.100	0.000	3.060	-
Total Quantity					26.52 cum (cum)		26.52 Cum (Cubic Meter)	
Amount					26.52 X 815.881232		21637.17	
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	drain base	2.000	51.000	0.800	0.100	0.000	8.160	-
ii	drain wall	4.000	51.000	0.200	0.600	0.000	24.480	-
iii	road	1.000	51.000	3.000	0.100	0.000	15.300	-
iv	cutoff	2.000	51.000	0.300	0.200	0.000	6.120	-
Total Quantity					54.06 cum (cum)		54.06 Cum (Cubic Meter)	
Amount					54.06 X 5466.6129103		295525.09	

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

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	drain	8.000	51.000	0.000	0.600	0.000	244.800	-
ii	cutoff	2.000	51.000	0.000	0.200	0.000	20.400	-
Total Quantity					265.2 Sqm (Sqm)		265.2 Sqm (Square Meter)	
Amount					265.2 X 216.55039071844		57429.16	

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	drain base	2.000	51.000	0.400	0.050	0.000	2.040	-
ii	drain wall	4.000	51.000	0.200	0.050	0.000	2.040	-
iii	road	1.000	51.000	3.600	0.060	0.000	11.016	-
Total Quantity					15.096 cum (cum)		15.096 Cum (Cubic Meter)	

Amount	15.096 X 6967.2367521	105177.41
Total Amount		493030.77
Addition		
Provision for Contingency (+) @		4930.31
Display Citizen Board (+) @		2038.00
Any Other Lumpsum (+) @		
Provision for survey investigation and quality control (+) @		
Total Addition		6968.31
Grand Net Total Amount		499999.08

RATINDRA PANIGRAHI
JE
Borigumma Block

Prakash Kumar Pradhan
AEE
Borigumma Block

SUKANTA KUMAR PATNAIK
BDO
Borigumma Block