

Detailed Estimate

OD/363/3468/119731/428252/00068120 : Const. of CC Road at Nayak Sahi, Bamuni
Block : Borigumma, Gram Panchayat : Anchala
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	cutoff	2.000	109.000	0.300	0.200	0.000	13.080	-
ii	cutoff s/w	2.000	3.600	0.300	0.200	0.000	0.432	-
Total Quantity					13.512 cum (cum)		13.512 Cum (Cubic Meter)	
Amount					13.512 X 240.77592		3253.36	
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	cutoff	2.000	109.000	0.300	0.100	0.000	6.540	-
ii	road base	1.000	109.000	3.000	0.100	0.000	32.700	-
iii	cutoff s/w	2.000	3.600	0.300	0.100	0.000	0.216	-
Total Quantity					39.456 cum (cum)		39.456 Cum (Cubic Meter)	
Amount					39.456 X 815.881232		32191.41	
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	cutoff wall	4.000	109.000	0.000	0.100	0.000	43.600	-
ii	cutoff s/w	4.000	3.600	0.000	0.100	0.000	1.440	-
Total Quantity					45.04 Sqm (Sqm)		45.04 Sqm (Square Meter)	
Amount					45.04 X 216.55039071844		9753.43	

4. 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 specifaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff wall	2.000	109.000	0.300	0.300	0.000	19.620	-
ii	cutoff s/w	2.000	3.600	0.300	0.300	0.000	0.648	-
Total Quantity					20.268 cum (cum)		20.268 Cum (Cubic Meter)	
Amount					20.268 X 6986.6311256		141605.04	

5. 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	109.000	3.000	0.000	0.000	327.000	-
Total Quantity					327 Sqm (Sqm)		327 Sqm (Square Meter)	
Amount					327 X 630.921		206311.17	
Total Amount							393114.41	
Addition								

Provision for Contingency (+) @	3931.14
Display Citizen Board (+) @	2309.00
Any Other Lumpsum (+) @	645.00
Provision for survey investigation and quality control (+) @	
Total Addition	6885.14
Grand Net Total Amount	399999.55

JE
Borigumma Block

Prakash Kumar Pradhan
AEE
Borigumma Block

SUKANTA KUMAR PATNAIK
BDO
Borigumma Block