

Detailed Estimate

OD/365/3491/275355/390315/00074345 : Construction of CC road from Baburam house to Ranjan Mohanta house at

Bhalubasa

Block : Betnoti, Gram Panchayat : Hatijhuri

Created By: PRASANTA KUMAR BEHERA

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	CUT OFF	2.000	44.500	0.225	0.225	0.000	4.506	-
ii	TOE WALL	2.000	3.200	0.225	0.225	0.000	0.324	-
Total Quantity					4.829625 cum (cum)		4.829625 Cum (Cubic Meter)	
Amount					4.829625 X 240.77592		1162.86	
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	CUT OFF	2.000	44.500	0.225	0.050	0.000	1.001	-
ii	TOE WALL	2.000	3.200	0.225	0.050	0.000	0.072	-
iii	BED	1.000	44.500	3.200	0.075	0.000	10.680	-
Total Quantity					11.75325 cum (cum)		11.75325 Cum (Cubic Meter)	
Amount					11.75325 X 1428.234132		16786.39	
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	CUT OFF	2.000	44.500	0.225	0.225	0.000	4.506	-
ii	TOE WALL	2.000	3.200	0.225	0.225	0.000	0.324	-
iii	BED	1.000	44.500	3.200	0.100	0.000	14.240	-
Total Quantity					19.069625 cum (cum)		19.069625 Cum (Cubic Meter)	
Amount					19.069625 X 6571.9833723		125325.26	

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	SIDE WALL	2.000	45.000	0.000	0.320	0.000	28.800	-
ii	INNER	2.000	44.500	0.000	0.175	0.000	15.575	-
Total Quantity					44.375 Sqm (Sqm)		44.375 Sqm (Square Meter)	
Amount					44.375 X 216.39264180804		9602.42	

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROAD	1.000	45.000	3.650	0.100	0.000	16.425	-
Total Quantity					16.425 cum (cum)		16.425 Cum (Cubic Meter)	

Amount	16.425 X 8068.6119571	132526.95
Total Amount		285403.88
Addition		
Provision for Contingency (+) @		2854.04
Display Citizen Board (+) @		5000.00
Any Other Lumpsum (+) @		6742.00
Provision for survey investigation and quality control (+) @		
Total Addition		14596.04
Grand Net Total Amount		299999.92

PRASANTA KUMAR BEHERA
JE
Betnoti Block

SOUMYASHREE BHOI
AEE
Betnoti Block

SUSANTA KUMAR SUTAR
BDO
Betnoti Block