

Detailed Estimate

OD/365/3503/120297/387729/00075117 : Const. of CC road from Burju Naik house to Ravan Mundari house at Teleijhari

Block : Rairangpur, Gram Panchayat : Hatia

Created By: PRASHANTA KUMAR DAS

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	260.000	1.330	0.660	0.028	12.918	-
ii	Base	1.000	260.000	12.500	0.500	0.028	45.988	-
Total Quantity						58.9052048 cum (cum)	58.9052048 Cum (Cubic Meter)	
Amount						58.9052048 X 240.77592	14182.95	
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	260.000	1.330	0.330	0.028	6.459	-
ii	Base	1.000	260.000	10.330	0.330	0.028	25.083	-
Total Quantity						31.5415386 cum (cum)	31.5415386 Cum (Cubic Meter)	
Amount						31.5415386 X 1088.167132	34322.47	
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	4.000	260.000	0.000	0.660	0.093	63.767	-
ii	Sides	2.000	260.000	0.000	0.660	0.093	31.883	-
Total Quantity					95.64984 Sqm (Sqm)		95.64984 Sqm (Square Meter)	
Amount					95.64984 X 216.23489289764		20682.83	

4. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal

Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	Cutoff	2.000	260.000	0.830	0.660	0.028	8.061	-
ii	Road Base	1.000	260.000	12.000	0.330	0.028	29.138	-
Total Quantity					37.1991048 cum (cum)		37.1991048 Cum (Cubic Meter)	
Amount					37.1991048 X 5920.6705808		220243.65	

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	Wearing Coat	1.000	260.000	12.000	0.330	0.028	29.138	-
Total Quantity					29.13768 cum (cum)		29.13768 Cum (Cubic Meter)	
Amount					29.13768 X 7620.3201746		222038.45	

Total Amount (A) : 511470.35

Additional Components

#	Item Name	Remark	Amount (in Rs.)
---	-----------	--------	-----------------

1	Provision for Contingency @ Rs.0	-	0
2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.9262.65	Hire Charges of Plate vibrator & Earth dressing with Site cleaning	9262.65
4	Provision for survey investigation and quality control @ Rs.0	-	0
Additional Components Amount (F) :			14262.65

Grand Total Amount (A + F) :			525732.99955031
-------------------------------------	--	--	------------------------

PRASHANTA KUMAR DAS
JE
Rairangpur Block

ANSHUMAN SAMAL
AEE
Rairangpur Block

Narayani Priyadarshini panda
BDO
Rairangpur Block