

Detailed Estimate

OD/365/3503/120294/388229/00075109 : Const. of CC road from Paraw house to S.H. at Musabani (Majhisahi)
Block : Rairangpur, Gram Panchayat : Bhalubasa
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	265.000	1.330	0.580	0.028	11.570	-
ii	Road Base	1.000	265.000	12.500	0.500	0.028	46.872	-
Total Quantity						58.4421036 cum (cum)	58.4421036 Cum (Cubic Meter)	
Amount						58.4421036 X 240.77592	14071.45	
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	265.000	1.330	0.330	0.028	6.583	-
ii	Base	1.000	265.000	10.330	0.330	0.028	25.565	-
Total Quantity						32.14810665 cum (cum)	32.14810665 Cum (Cubic Meter)	
Amount						32.14810665 X 693.661132	22299.89	
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	265.000	0.000	0.580	0.093	57.115	-
ii	Sides	2.000	265.000	0.000	0.660	0.093	32.496	-
Total Quantity					89.61134 Sqm (Sqm)		89.61134 Sqm (Square Meter)	
Amount					89.61134 X 216.23489289764		19377.10	

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	265.000	0.830	0.580	0.028	7.221	-
ii	Road Base	1.000	265.000	12.000	0.330	0.028	29.698	-
Total Quantity					36.9185386 cum (cum)		36.9185386 Cum (Cubic Meter)	
Amount					36.9185386 X 5536.3148283		204392.65	

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	265.000	12.000	0.320	0.028	28.798	-
Total Quantity					28.79808 cum (cum)		28.79808 Cum (Cubic Meter)	
Amount					28.79808 X 7262.9743471		209159.72	

Total Amount (A) : 469300.81

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.1966.18	Hire Charges of Plate Vibrator and earth dressing	1966.18
4	Provision for survey investigation and quality control @ Rs.0	-	0
Additional Components Amount (F) :			6966.18

Grand Total Amount (A + F) :			476266.99079491
-------------------------------------	--	--	------------------------

PRASHANTA KUMAR DAS
JE
Rairangpur Block

ANSHUMAN SAMAL
AEE
Rairangpur Block

Narayani Priyadarshini panda
BDO
Rairangpur Block