

Detailed Estimate

**OD/346/3302/275571/391612/00066312 : IMPROVEMENT OF ROAD FROM BANUA CHHAK TO KAPASIA BANDHA VIA
RAHIMUDDIN KHAN HOUSE AT SUKSANDA
Block : Bhograi, Gram Panchayat : Panisanda
Created By:SASMITA TUDU**

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 Walll	2.000	200.000	1.000	1.000	0.000	400.000	-
ii	Cutoff wall	2.000	113.000	1.000	1.000	0.000	226.000	-
iii	Cutoff walld	2.000	130.000	1.000	1.000	0.000	260.000	-
iv	Road Bed	1.000	200.000	4.330	0.330	0.000	285.780	-
v	Road Bed	1.000	113.000	4.330	0.330	0.000	161.466	-
vi	Road Bed	1.000	130.000	6.330	0.330	0.000	271.557	-
Total Quantity					1604.8027 Cft (Cubic Foot)		45.44287709536 Cum (Cubic Meter)	
Amount					45.44287709536 X 240.77592		10941.55	

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 waal	2.000	200.000	1.000	0.330	0.000	132.000	-
ii	Cutoff Wall	2.000	113.000	1.000	0.330	0.000	74.580	-
iii	Cutoff wall	2.000	130.000	1.000	0.330	0.000	85.800	-

iv	Road Bed	1.000	200.000	4.330	0.330	0.000	285.780	-
v	Road Bed	1.000	113.000	4.330	0.330	0.000	161.466	-
vi	Road Bed	1.000	130.000	6.330	0.330	0.000	271.557	-
Total Quantity					1011.1827 Cft (Cubic Foot)		28.63345827936 Cum (Cubic Meter)	
Amount					28.63345827936 X 1216.164432		34822.99	

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	Cutoff wall	2.000	200.000	0.830	1.000	0.000	332.000	-
ii	Cutoff wall	2.000	113.000	0.830	1.000	0.000	187.580	-
iii	Cutoff wall	2.000	130.000	0.830	1.000	0.000	215.800	-
iv	Road Base	1.000	200.000	4.330	0.330	0.000	285.780	-
v	Road Base	1.000	113.000	4.330	0.330	0.000	161.466	-
vi	Road Base	1.000	130.000	6.330	0.330	0.000	271.557	-
Total Quantity					1454.1827 Cft (Cubic Foot)		41.17780067936 Cum (Cubic Meter)	
Amount					41.17780067936 X 7119.37801726		293160.33	

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 specificaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	200.000	6.000	0.290	0.000	348.000	-

ii	Road	1.000	113.000	6.000	0.290	0.000	196.620	-
iii	Road	1.000	130.000	8.000	0.290	0.000	301.600	-
Total Quantity					846.22 Cft (Cubic Foot)		23.962242496 Cum (Cubic Meter)	
Amount					23.962242496 X 8501.34751962		203711.35	
5. 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	2.000	443.000	0.000	1.000	2.000	1772.000	-
ii	Road side	1.000	443.000	0.000	0.660	2.000	584.760	-
Total Quantity					2356.76 Sft (Square Foot)		218.95007428 Sqm (Square Meter)	
Amount					218.95007428 X 216.23489289764		47344.65	
Total Amount							589980.87	
Addition								
Provision for Contingency (+) @							6000.00	
Display Citizen Board (+) @							2818.00	
Any Other Lumpsum (+) @							1200.00	
Provision for survey investigation and quality control (+) @								
Total Addition							10018.00	
Grand Net Total Amount							599998.87	

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AEE
Bhograi Block

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