

## Detailed Estimate

**OD/369/3541/120972/410085/00075867 : CONST.OF GADABARAPADA SYAMSUNDARPUR TO TARATUA CENAL  
BANDHA C.C ROAD**

**Block : Kanas, Gram Panchayat : Baku**

**Created By:SIDHANTA SWAIN**

<b>1. Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation</b>								
Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	96.000	3.200	0.000	0.000	307.200	-
Total Quantity					307.2 Sqm (Sqm)		307.2 Sqm (Square Meter)	
Amount					307.2 X 4.6662		1433.46	
<b>2. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b>								
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	90.000	0.225	0.150	0.000	6.075	-
Total Quantity					6.075 cum (cum)		6.075 Cum (Cubic Meter)	
Amount					6.075 X 240.77592		1462.71	
<b>3. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b>								
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	90.000	0.225	0.050	0.000	2.025	-
ii	base	1.000	6.000	3.100	0.050	0.000	0.930	-

iii	base	1.000	5.000	2.150	0.050	0.000	0.538	-
iv	base	1.000	4.000	3.300	0.050	0.000	0.660	-
v	base	1.000	15.000	2.700	0.050	0.000	2.025	-
vi	base	1.000	15.000	2.750	0.050	0.000	2.063	-
vii	base	1.000	15.000	3.050	0.050	0.000	2.288	-
viii	base	1.000	15.000	2.750	0.050	0.000	2.063	-
ix	base	1.000	15.000	2.950	0.050	0.000	2.213	-
x	base	1.000	6.000	2.900	0.050	0.000	0.870	-

Total Quantity					15.6725 cum (cum)		15.6725 Cum (Cubic Meter)	
Amount					15.6725 X 605.053832		9482.71	

**4. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff	2.000	90.000	0.225	0.175	0.000	7.088	-
ii	base	1.000	6.000	3.100	0.100	0.000	1.860	-
iii	base	1.000	5.000	2.150	0.100	0.000	1.075	-
iv	base	1.000	4.000	3.300	0.100	0.000	1.320	-
v	base	1.000	15.000	2.700	0.100	0.000	4.050	-
vi	base	1.000	15.000	2.750	0.100	0.000	4.125	-
vii	base	1.000	15.000	3.050	0.100	0.000	4.575	-
viii	base	1.000	15.000	2.750	0.100	0.000	4.125	-
ix	base	1.000	15.000	2.950	0.100	0.000	4.425	-

x	base	1.000	6.000	2.900	0.075	0.000	1.305	-
Total Quantity					33.9475 cum (cum)		33.9475 Cum (Cubic Meter)	
Amount					33.9475 X 5970.44794196		202681.78	
<b>5. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum</b>								
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	base	1.000	6.000	3.550	0.075	0.000	1.598	-
ii	base	1.000	5.000	2.600	0.075	0.000	0.975	-
iii	base	1.000	4.000	3.750	0.075	0.000	1.125	-
iv	base	1.000	15.000	3.150	0.075	0.000	3.544	-
v	base	1.000	15.000	3.200	0.075	0.000	3.600	-
vi	base	1.000	15.000	3.500	0.075	0.000	3.938	-
vii	base	1.000	15.000	3.200	0.075	0.000	3.600	-
viii	base	1.000	15.000	3.400	0.075	0.000	3.825	-
ix	base	1.000	6.000	2.900	0.050	0.000	0.870	-
Total Quantity					23.07375 cum (cum)		23.07375 Cum (Cubic Meter)	
Amount					23.07375 X 7449.58350452		171889.83	
<b>6. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc</b>								
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		2.000	96.000	0.000	0.150	0.000	28.800	-
Total Quantity					28.8 Sqm (Sqm)		28.8 Sqm (Square Meter)	
Amount					28.8 X 216.39264180804		6232.11	
Total Amount							393182.59	
<b>Addition</b>								
Provision for Contingency (+) @							3277.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							8277.00	
Grand Net Total Amount							401459.59	

SIDHANTA SWAIN  
JE  
Kanas Block

SASWAT KUMAR SENAPATI  
AEE  
Kanas Block

SOUMYA RANJAN SWAIN  
BDO  
Kanas Block