

Detailed Estimate

OD/359/3433/119018/416966/00066155 : Construction of c.c road at Kalsapadar
Block : Tumudibandh, Gram Panchayat : Tumudibandh
Created By:Sunil

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	425.000	0.500	0.500	0.000	212.500	-
Total Quantity					212.5 Cft (Cubic Foot)		6.01732 Cum (Cubic Meter)	
Amount					6.01732 X 240.77592		1448.83	
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	Road	1.000	65.000	10.750	0.330	0.000	230.587	-
ii		1.000	80.000	10.920	0.330	0.000	288.288	-
iii		1.000	210.000	10.330	0.330	0.000	715.869	-
iv		1.000	70.000	10.500	0.330	0.000	242.550	-
v	Cause Way	1.000	17.000	10.000	0.330	0.000	56.100	-
Total Quantity					1533.3945 Cft (Cubic Foot)		43.4208253776 Cum (Cubic Meter)	
Amount					43.4208253776 X 579.298832		25153.63	
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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cause Way	1.000	17.000	10.000	0.330	0.000	56.100	-
Total Quantity					56.1 Cft (Cubic Foot)		1.58857248 Cum (Cubic Meter)	
Amount					1.58857248 X 5296.85303344		8414.43	

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut Off	2.000	65.000	0.500	1.170	0.000	76.050	-
ii		2.000	80.000	0.500	1.170	0.000	93.600	-
iii		2.000	210.000	0.500	1.170	0.000	245.700	-
iv		2.000	70.000	0.500	1.170	0.000	81.900	-
v	Cause way	2.000	17.000	0.500	1.170	0.000	19.890	-
vi		1.000	17.000	10.000	0.330	0.000	56.100	-
Total Quantity					573.24 Cft (Cubic Foot)		16.232322432 Cum (Cubic Meter)	
Amount					16.232322432 X 6841.10968728		111047.10	

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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
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i	Road	2.000	65.000	0.000	0.670	0.000	87.100	-
ii		2.000	80.000	0.000	0.670	0.000	107.200	-
iii		2.000	210.000	0.000	0.670	0.000	281.400	-
iv		2.000	70.000	0.000	0.670	0.000	93.800	-
v	Cause waya	2.000	17.000	0.000	0.670	0.000	22.780	-
Total Quantity					592.28 Sft (Square Foot)		55.02458884 Sqm (Square Meter)	
Amount					55.02458884 X 216.23489289764		11898.24	
6. miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC								
Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	65.000	0.000	10.750	0.000	698.750	-
ii		1.000	80.000	0.000	10.920	0.000	873.600	-
iii		1.000	210.000	0.000	10.360	0.000	2175.600	-
iv		1.000	70.000	0.000	10.500	0.000	735.000	-
v	Deduction	28.000	10.000	0.000	0.330	0.000	92.400	-
Total Quantity					4575.35 Sft (Square Foot)		425.06374105 Sqm (Square Meter)	
Amount					425.06374105 X 623.8938		265194.63	
Total Amount							423156.86	
Addition								
Provision for Contingency (+) @							4231.57	

Display Citizen Board (+) @	5000.00
Any Other Lumpsum (+) @	149125.00
Provision for survey investigation and quality control (+) @	154.56
Total Addition	158511.13
Grand Net Total Amount	581667.99

**Sunil
JE
Tumudibandh Block**

**Kedar
AEE
Tumudibandh Block**

**BANABIHARI HARAPAL
BDO
Tumudibandh Block**