

Detailed Estimate

OD/363/3476/119878/429934/00067434 : CONSTRUCTION OF CC ROAD AT BHITRUKUBA

Block : Nandapur, Gram Panchayat : Khemunduguda

Created By:Prasanna Kumar Suchen

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	side cut off	2.000	71.000	0.300	0.300	0.000	12.780	-
ii	mid cut off	20.000	2.400	0.200	0.300	0.000	2.880	-
iii	front and back cut off	2.000	2.400	0.300	0.300	0.000	0.432	-
iv	cc road cut off	2.000	37.000	0.200	0.200	0.000	2.960	-
Total Quantity					19.052 cum (cum)		19.052 Cum (Cubic Meter)	
Amount					19.052 X 240.77592		4587.26	
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	paver base	1.000	67.000	2.400	0.100	0.000	16.080	-
ii	cc road filling	1.000	37.000	3.200	0.075	0.000	8.880	-
Total Quantity					24.96 cum (cum)		24.96 Cum (Cubic Meter)	
Amount					24.96 X 848.302232		21173.62	
3. 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	side cut off	2.000	71.000	0.300	0.480	0.000	20.448	-
ii	mid cut off	20.000	2.400	0.200	0.480	0.000	4.608	-
iii	front and back cut off	2.000	2.400	0.300	0.480	0.000	0.691	-
iv	cc road	1.000	37.000	3.600	0.075	0.000	9.990	-
Total Quantity					35.7372 cum (cum)		35.7372 Cum (Cubic Meter)	
Amount					35.7372 X 7333.9472491		262094.74	

4. 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	side cut off	2.000	71.000	0.000	0.180	0.000	25.560	-
ii	front and back cut off	2.000	2.400	0.000	0.180	0.000	0.864	-
Total Quantity					26.424 Sqm (Sqm)		26.424 Sqm (Square Meter)	
Amount					26.424 X 216.86588853924		5730.46	

5. 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
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i	Paver	1.000	67.000	2.400	0.000	0.000	160.800	-
Total Quantity					160.8 Sqm (Sqm)		160.8 Sqm (Square Meter)	
Amount					160.8 X 631.884		101606.95	
6. 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	cc road base filling	1.000	37.000	3.200	0.100	0.000	11.840	-
ii	cc road cut off	2.000	37.000	0.200	0.300	0.000	4.440	-
Total Quantity					16.28 cum (cum)		16.28 Cum (Cubic Meter)	
Amount					16.28 X 5907.0174513		96166.24	
Total Amount							491359.28	
Addition								
Provision for Contingency (+) @							4913.59	
Display Citizen Board (+) @							3727.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							8640.59	
Grand Net Total Amount							499999.87	

Prasanna Kumar Suchen
JE
Nandapur Block

JHASKETAN BEHERA
AEE
Nandapur Block

DURGA PRASADA DORA
BDO
Nandapur Block