

## Detailed Estimate

**OD/363/3476/275171/429946/00067629 : CONSTRUCTION OF CC ROAD AT BHALUGUDA NUA SAHI**

**Block : Nandapur, Gram Panchayat : K Hinbar**

**Created By:Prasanna Kumar Suchen**

<b>1. 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	Side Cutoff of Paver	2.000	57.000	0.250	0.250	0.000	7.125	-
ii	midcutoff	15.000	3.800	0.300	0.230	0.000	3.933	-
iii	CC	1.000	10.000	3.350	0.100	0.000	3.350	-
iv		1.000	11.000	3.500	0.100	0.000	3.850	-
Total Quantity					18.258 cum (cum)		18.258 Cum (Cubic Meter)	
Amount					18.258 X 240.77592		4396.09	
<b>2. 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	CC	1.000	10.000	3.350	0.050	0.000	1.675	-
ii		1.000	11.000	3.500	0.050	0.000	1.925	-
iii	PAVER BASE	1.000	52.500	3.800	0.100	0.000	19.950	-
Total Quantity					23.55 cum (cum)		23.55 Cum (Cubic Meter)	
Amount					23.55 X 848.302232		19977.52	
<b>3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b>								

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	CC	1.000	10.000	3.350	0.100	0.000	3.350	-
ii		1.000	11.000	3.500	0.100	0.000	3.850	-
Total Quantity					7.2 cum (cum)		7.2 Cum (Cubic Meter)	
Amount					7.2 X 5907.0174513		42530.53	

**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	Side Cutoff of Paver	2.000	57.000	0.250	0.430	0.000	12.255	-
ii	midcutoff	12.000	3.800	0.300	0.410	0.000	5.609	-
iii	CC	1.000	10.000	3.350	0.075	0.000	2.513	-
iv		1.000	11.000	3.500	0.075	0.000	2.888	-
Total Quantity					23.2638 cum (cum)		23.2638 Cum (Cubic Meter)	
Amount					23.2638 X 7393.1231491		171992.14	

**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
i	PAVER BLOCK	1.000	52.500	3.800	0.000	0.000	199.500	-

Total Quantity		199.5 Sqm (Sqm)		199.5 Sqm (Square Meter)				
Amount		199.5 X 631.884		126060.86				
<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	Side Cutoff of Paver	2.000	57.000	0.000	0.180	0.000	20.520	-
ii	CC	1.000	10.000	0.000	0.300	0.000	3.000	-
iii		1.000	11.000	0.000	0.300	0.000	3.300	-
Total Quantity		26.82 Sqm (Sqm)		26.82 Sqm (Square Meter)				
Amount		26.82 X 216.86588853924		5816.34				
Total Amount				370773.47				
<b>Addition</b>								
Provision for Contingency (+) @				3707.73				
Display Citizen Board (+) @				5000.00				
Any Other Lumpsum (+) @				517.00				
Provision for survey investigation and quality control (+) @								
Total Addition				9224.73				
Grand Net Total Amount				379998.20				

Prasanna Kumar Suchen  
JE  
Nandapur Block

JHASKETAN BEHERA  
AEE  
Nandapur Block

DURGA PRASADA DORA  
BDO  
Nandapur Block