

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Nabarangpur	<b>Block</b>	Nabarangpur	<b>Panchayat</b>	Basini
<b>Work Code</b>	OD/366/3517/120490/427816/00013547 (Const.of CC Road at Hirliaguda)						
<b>Project Category</b>	Road						
<b>Financial Year</b>	2023-24	<b>Execution Level</b>			Basini, G.P		
<b>Executing Agency</b>	Panchayat Samiti, Nabarangpur	<b>Proposal Date</b>			25-06-2023		
<b>Date of Commencement</b>	-	<b>Date of Completion</b>					
<b>Scheme Name</b>	5th SFC Grant in Aid	<b>Scheme Component Name</b>			All Weather Connectivity		
<b>Project Sub-Category</b>	CC Road	<b>Project Type</b>			New Work		
<b>Name of Executant</b>							

### Administrative Approval Details

<b>Approval No.</b>	
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### Technical Sanction Details

<b>Technical Sanction No.</b>	
<b>Fund Sanction No.</b>	13737
<b>Fund Sanction Amount (in Rs.)</b>	143788

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p style="text-align: center;"><b>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation &amp; 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</b></p>	Cum	18.63	235.564	4388.55732
2	<p style="text-align: center;"><b>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 &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</b></p>	Cum	12.42	514.259	6387.09678

3	<p><b>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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	12.42	5159.37	64079.3754
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4	<p style="text-align: center;"><b>R.C.C.</b></p> <p><b>Work (AR0410c) :</b>  <b>R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc</b>  - Rigid and smooth centering 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</p>	Sqm	10.35	215.383	2229.21405
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1	<p><b>Earth Work (AR0102 aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b></p> <p>- Earth work in hard soil or gravelly soil foundation &amp; 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</p>	18.63	Cubic Meter	0.516	9.61308	-	-	-	-
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2	<p><b>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 &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	12.42	Cubic Meter	0.1236	1.535112	-	-	-	-
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3	<p><b>Concrete</b></p> <p><b>(AR0303)</b> :</p> <p><b>Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b></p> <p>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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	12.42	Cubic Meter	3.9	48.438	-	-	0.18	2.2356
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4	<b>R.C.C. Work (AR0410 c) :</b> <b>R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc</b> - Rigid and smooth centering 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	10.35	Square Meter	-	-	0.05	0.5175	0.05	0.5175
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5	<p><b>Concrete</b></p> <p><b>(AR0307)</b> :</p> <p><b>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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	8.694	Cubic Meter	4.6	39.9924	-	-	0.68	5.91192
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<b>Total Qty</b>	<b>99.578592</b>	<b>8.66502</b>	<b>0.5175</b>
<b>Rate Per Man Day</b>	<b>452</b>	<b>552</b>	<b>502</b>
<b>Total Amount</b>	<b>45009.523584</b>	<b>4783.09104</b>	<b>259.785</b>
<b>Total Labour Amount (in Rs.): 50052.399624</b>			

## MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>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 &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</b>	-	<b>12.42</b>	Cum
i)	<b>BRM029 : Sand for filling and road blinding</b>	1	12.42	1 Cum
2	<b>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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</b>	-	<b>12.42</b>	Cum

i)	<b>BRM340</b> : Cement	2.29	28.4418	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	5.9616	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	11.9232	1 Cum.
3	<b>R.C.C. Work (AR0410c) :.R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centering 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</b>	-	<b>10.35</b>	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.0276345	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	1.3041	1Mtr.

4	<b>Concrete (AR0307)</b> :.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 and as per direction of Engineer-in charge.	-	<b>8.694</b>	Cum
i)	<b>BRM340</b> : Cement	3.23	28.08162	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	3.9123	1 Cum
iii)	<b>BRM056</b> : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.9	7.8246	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	12.42	1 Cum	413.05	5130.081
2	<b>BRM340</b>	28.4418	1 Qntl.	552.612	15717.2799816
3	<b>BRM028</b>	5.9616	1 Cum	417.24	2487.417984
4	<b>BRM044</b>	11.9232	1 Cum.	1336.36	15933.687552
5	<b>BRM104</b>	0.0276345	1Cum.	58620.646	1619.952241887
6	<b>BRM092</b>	1.3041	1Mtr.	276.666	360.8001306
7	<b>BRM340</b>	28.08162	1 Qntl.	552.612	15518.24019144
8	<b>BRM028</b>	3.9123	1 Cum	417.24	1632.368052

9	<b>BRM056</b>	7.8246	1 Cum.	1737.73	13597.042158
					<b>Total: 71996.869291527</b>

### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	12.42	1 Cum	40.25	499.905
2	<b>BRM028</b>	5.9616	1 Cum	40.25	239.9544
3	<b>BRM044</b>	11.9232	1 Cum.	149.5	1782.5184
4	<b>BRM028</b>	3.9123	1 Cum	40.25	157.470075
5	<b>BRM056</b>	7.8246	1 Cum.	149.5	1169.7777
					<b>Total: 3849.625575</b>

### ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 438	Rs. 438
2	Display Citizen Board @ Rs. 3000	Rs. 3000
3	Any Other Lumpsum @ Rs. 5172	Rs. 5172
		<b>Total Addition Component Amount (in Rs.): 8610</b>

**Total Net Amount (in Rs.): 143787.72543**