

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Cuttack	<b>Block</b>	Baranga	<b>Gram Panchayat</b>	Kunheipada

<b>Work Code</b>	OD/350/3336/116940/399147/00016939 (Maint. & Imp. of Road with CC/ Gr-II Metalling from Justice BK Nayak House to Narana Sahoo House, Kunheipada)						
<b>Project Category</b>	Road						

<b>Financial Year</b>	2024-25	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Baranga	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	-	<b>Date of Completion</b>	
<b>Scheme Name</b>	5th SFC Grant in Aid	<b>Scheme Component Name</b>	Maintenance and improvement of Road infrastructure
<b>Project Sub-Category</b>	Mettalling Road	<b>Project Type</b>	Repair and Maintenance
<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>	
<b>Fund Sanction Amount (in Rs.)</b>	186532

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<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	3.51	5955.08241806	20902.339287391
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2	<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 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</p>	Sqm	5.325	216.23489289764	1151.4508046799
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3	<b>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.	Cum	21.3	7484.88570122	159428.06543599
<b>Total Amount (in Rs.): 181481.85552806</b>					

### LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<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>	-	3.51	Cum
i	Skilled	0.18	0.6318	-
ii	Un-Skilled	3.9	13.689	-

2	<b>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	-	5.325	Sqm
i	Semi-Skilled	0.05	0.26625	-
ii	Skilled	0.05	0.26625	-

3	<p><b>Concrete (AR0307)</b>  <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&amp;P required for the work etc. complete as per specificaion and direction of Engineer-in charge.</b></p>	-	21.3	Cum
i	Un-Skilled	4.6	97.98	-
ii	Skilled	0.68	14.484	-
<b>Sl.No.</b>	<b>Labour Type</b>	<b>Qty Unit</b>	<b>Rate</b>	<b>Amount</b>
4	Skilled	15.38205	562	8644.7121
2	Un-Skilled	111.669	462	51591.078
3	Semi-Skilled	0.26625	512	136.32
<b>Total: 60372.1101</b>				

## **MATERIAL STATEMENT**

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Concrete (AR0303)</b> <b>:.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.	-	<b>3.51</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	8.0379	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	1.6848	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	3.3696	1 Cum.

2	<p><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 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</b></p>	-	5.325	Sqm
i)	<p><b>BRM104 : Non Sal wood scantling &amp; plants(Tentera, Kasi, Gamhari, Kuruma)</b></p>	0.00267	0.01421775	1Cum.
ii)	<p><b>BRM092 : Non-sal bullahs 75mm. mean dia of any length.</b></p>	0.126	0.67095	1Mtr.
3	<p><b>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&amp;P required for the work etc. complete as per specificaion and direction of Engineer-in charge.</b></p>	-	21.3	Cum
i)	<p><b>BRM340 : Cement</b></p>	3.23	68.799	1 Qntl.

ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	9.585	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	19.17	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM340</b>	76.8369	1 Qntl.	563.767	43318.1086023
2	<b>BRM028</b>	11.2698	1 Cum	417.99	4710.663702
3	<b>BRM044</b>	3.3696	1 Cum.	1891.11	6372.284256
4	<b>BRM104</b>	0.01421775	1Cum.	58573.086	832.7774934765
5	<b>BRM092</b>	0.67095	1Mtr.	229.106	153.7186707
6	<b>BRM056</b>	19.17	1 Cum.	2319.71	44468.8407
<b>Total: 99856.393424477</b>					

### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM028</b>	11.2698	1 Cum	190.25	2144.07945
2	<b>BRM044</b>	3.3696	1 Cum.	259.5	874.4112
3	<b>BRM056</b>	19.17	1 Cum.	259.5	4974.615
<b>Total: 7993.10565</b>					

### ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 1814.8185552806
2	Display Citizen Board @ Rs. 1000	Rs. 1000

3	Any Other Lumpsum @ Rs. 2234.5	Rs. 2234.5
<b>Total Addition Component Amount (in Rs.): 5049.3185552806</b>		

**Total Net Amount (in Rs.): 186531.17408334**