

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Sundargarh	<b>Block</b>	Bargaon	<b>Gram Panchayat</b>	Fulbari

<b>Work Code</b>	OD/373/3574/121542/384136/00066570 (CONSTRUCTION OF CC ROAD FROM BANDHDHIPA CHHAMUNDA RD ROAD TO BAHUBALA HOUSE)						
<b>Project Category</b>	Road						

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Bargaon	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	-	<b>Date of Completion</b>	
<b>Scheme Name</b>	SFC Devolution of Fund	<b>Scheme Component Name</b>	5TH SFC DEVOLUTION GRANT TO PANCHAYAT SAMITI
<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>	
<b>Fund Sanction Amount (in Rs.)</b>	400000

### 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)</b>  <b>: 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 &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>	Cum	58.254	240.77592	14026.16044368
2	<p style="text-align: center;"><b>Earth Work (AR0115) :</b>  <b>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>	Cum	29.127	849.807132	24752.332333764

3	<p style="text-align: center;"><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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	29.127	5758.85915952	167738.29073934
4	<p style="text-align: center;"><b>R.C.C. 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	29.8452	216.23489289764	6453.5736255086

5	<p align="center"><b>Concrete (AR0307) :</b>  <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 as per specificaion and direction of Engineer-in charge.</p>	Cum	25.34049	7206.27861724	182610.63123738
<b>Total Amount (in Rs.): 395580.98837968</b>					

### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement Qty)	Unit
1	<p><b>Earth Work (AR0102aa) :</b> 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</p>	-	58.254	Cum

	i	Un-Skilled	0.516	30.059064	-
2		<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 & P required for the work etc. complete and as per direction of Engineer-in charge.	-	29.127	Cum
	i	Un-Skilled	0.1236	3.6000972	-
3		<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&P required for the work etc. complete and as per direction of Engineer-in charge.	-	29.127	Cum
	i	Skilled	0.18	5.24286	-
	ii	Un-Skilled	3.9	113.5953	-

4	<p><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</p>	-	29.8452	Sqm
i	Semi-Skilled	0.05	1.49226	-
ii	Skilled	0.05	1.49226	-
5	<p><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&amp;P required for the work etc. complete as per specifaion and direction of Engineer-in charge.</p>	-	25.34049	Cum
i	Un-Skilled	4.6	116.566254	-
ii	Skilled	0.68	17.2315332	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	263.8207152	462	121885.1704224
2	Skilled	23.9666532	562	13469.2590984
3	Semi-Skilled	1.49226	512	764.03712
<b>Total: 136118.4666408</b>				

## MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>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	-	<b>58.254</b>	Cum
2	<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 & P required for the work etc. complete and as per direction of Engineer-in charge.	-	<b>29.127</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	29.127	1 Cum

3	<p><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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	29.127	Cum
i)	<b>BRM340</b> : Cement	2.29	66.70083	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	13.98096	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	27.96192	1 Cum.
4	<p><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</p>	-	29.8452	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.079686684	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	3.7604952	1Mtr.

5	<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 specifaion and direction of Engineer-in charge.	-	25.34049	Cum
i)	<b>BRM340 : Cement</b>	3.23	81.8497827	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.45	11.4032205	1 Cum
iii)	<b>BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve &amp; retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)</b>	0.9	22.806441	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	29.127	1 Cum	732.04	21322.12908
2	<b>BRM340</b>	148.5506127	1 Qntl.	555.297	82489.709580472
3	<b>BRM028</b>	25.3841805	1 Cum	736.98	18707.63334489
4	<b>BRM044</b>	27.96192	1 Cum.	1850.65	51747.727248
5	<b>BRM104</b>	0.079686684	1Cum.	58573.086	4667.4949949868
6	<b>BRM092</b>	3.7604952	1Mtr.	229.106	861.5520132912
7	<b>BRM056</b>	22.806441	1 Cum.	2252.02	51360.56126082
<b>Total: 231156.80752246</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	29.127	1 Cum	52.25	1521.88575
2	<b>BRM028</b>	25.3841805	1 Cum	52.25	1326.323431125
3	<b>BRM044</b>	27.96192	1 Cum.	159.5	4459.92624

4	BRM056	22.806441	1 Cum.	159.5	3637.6273395
					<b>Total: 10945.762760625</b>

**ADDITION COMPONENT**

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 2000	Rs. 2000
2	Display Citizen Board @ Rs. 2419.01	Rs. 2419.01
		<b>Total Addition Component Amount (in Rs.): 4419.01</b>

**Total Net Amount (in Rs.): 399999.99837968**