

## ESTIMATION DPR

<b>State</b>	Odisha	<b>District</b>	Sundargarh	<b>Block</b>	Sundargarh	<b>Gram Panchayat</b>	Ledhimang
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<b>Work Code</b>	OD/373/3588/121766/383821/00064235 (Const of CC Road at Dharuadihi, Ledhimong)
<b>Project Category</b>	Road

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Sundargarh	<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>	14036
<b>Fund Sanction Amount (in Rs.)</b>	181919

## 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	18.0675	240.77592	4350.2189346
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	10.539375	1086.460232	11450.611807635

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	12.045	6377.35750552	76815.271153988
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	13.2	216.23489289764	2854.3005862488

5	<p><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	10.539375	7812.13509624	82335.021329934
<b>Total Amount (in Rs.): 177805.42381241</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>	-	18.0675	Cum

	i	Un-Skilled	0.516	9.32283	-
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.	-	10.539375	Cum
	i	Un-Skilled	0.1236	1.30266675	-
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.	-	12.045	Cum
	i	Skilled	0.18	2.1681	-
	ii	Un-Skilled	3.9	46.9755	-

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>	-	13.2	Sqm
i	Semi-Skilled	0.05	0.66	-
ii	Skilled	0.05	0.66	-
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>	-	10.539375	Cum
i	Un-Skilled	4.6	48.481125	-
ii	Skilled	0.68	7.166775	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	106.08212175	462	49009.9402485
2	Skilled	9.994875	562	5617.11975
3	Semi-Skilled	0.66	512	337.92
				<b>Total: 54964.9799985</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>18.0675</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>10.539375</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	10.539375	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>	-	12.045	Cum
i)	<b>BRM340</b> : Cement	2.29	27.58305	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	5.7816	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	11.5632	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>	-	13.2	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.035244	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	1.6632	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.	-	<b>10.539375</b>	Cum
i)	<b>BRM340 : Cement</b>	3.23	34.04218125	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.45	4.74271875	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	9.4854375	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	10.539375	1 Cum	608.35	6411.62878125
2	<b>BRM340</b>	61.62523125	1 Qntl.	579.077	35685.754036556
3	<b>BRM028</b>	10.52431875	1 Cum	613.29	6454.4594461875
4	<b>BRM044</b>	11.5632	1 Cum.	2133.16	24666.155712
5	<b>BRM104</b>	0.035244	1Cum.	58573.086	2064.349842984
6	<b>BRM092</b>	1.6632	1Mtr.	229.106	381.0490992
7	<b>BRM056</b>	9.4854375	1 Cum.	2534.53	24041.125906875
<b>Total: 99704.522825053</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	10.539375	1 Cum	410.25	4323.77859375
2	<b>BRM028</b>	10.52431875	1 Cum	410.25	4317.6017671875
3	<b>BRM044</b>	11.5632	1 Cum.	341	3943.0512

4	BRM056	9.4854375	1 Cum.	341	3234.5341875
<b>Total: 15818.965748437</b>					

#### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1613	Rs. 1613
2	Display Citizen Board @ Rs. 2500	Rs. 2500
<b>Total Addition Component Amount (in Rs.): 4113</b>		

**Total Net Amount (in Rs.): 181918.42381241**