

## ESTIMATION DPR

<b>State</b>	Odisha	<b>District</b>	Balangir	<b>Block</b>	Saintala	<b>Gram Panchayat</b>	Ampali
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<b>Work Code</b>	OD/345/3295/115983/421143/00063224 (CONSTRUCTION OF CC ROAD FROM GHANTAMAL TO BAHARPADA)
<b>Project Category</b>	Road

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Saintala	<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>	4551
<b>Fund Sanction Amount (in Rs.)</b>	471443

## 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	47.2161162	240.77592	11368.503816882
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	27.59517435	561.229932	15487.237823979

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	35.79384	5277.29552676	188894.67171756
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	63.01407	216.23489289764	13625.840677494

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	28.57734	6727.32771712	192249.13146356
6	<p align="center"><b>Road Work (AR1307) :</b>  <b>Supplying &amp; spreading moorum and consolidation with HRR -</b> Supplying &amp; spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour &amp; material, hire charges of T &amp; P materials required for work as per specification and complete as per direction of Engineer-in-Charge.</p>	Cum	38.39178	1042.1639046784	40010.527352354
<b>Total Amount (in Rs.): 461635.91285183</b>					

### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement Qty)	Unit
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1	<p><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 &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>	-	47.2161162	Cum
i	Un-Skilled	0.516	24.3635159592	-
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>	-	27.59517435	Cum
i	Un-Skilled	0.1236	3.41076354966	-

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>	-	35.79384	Cum
i	Skilled	0.18	6.4428912	-
ii	Un-Skilled	3.9	139.595976	-
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>	-	63.01407	Sqm
i	Semi-Skilled	0.05	3.1507035	-
ii	Skilled	0.05	3.1507035	-

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 specifaion and direction of Engineer-in charge.</p>	-	28.57734	Cum
i	Un-Skilled	4.6	131.455764	-
ii	Skilled	0.68	19.4325912	-
6	<p><b>Road Work (AR1307) :</b>  <b>Supplying &amp; spreading moorum and consolidation with HRR -</b> Supplying &amp; spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour &amp; material, hire charges of T &amp; P materials required for work as per specification and complete as per direction of Engineer-in-Charge.</p>	-	38.39178	Cum
i	Un-Skilled	1.0600706713781	40.698	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	339.52401950886	462	156860.09701309

2	Skilled	29.0261859	562	16312.7164758
3	Semi-Skilled	3.1507035	512	1613.160192
				<b>Total: 174785.97368089</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>47.2161162</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>27.59517435</b>	Cum
i)	<b>BRM029 : Sand for filling and road blinding</b>	1	27.59517435	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>	-	<b>35.79384</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	81.9678936	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	17.1810432	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	34.3620864	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>	-	<b>63.01407</b>	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.1682475669	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	7.93977282	1Mtr.

5	<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 as per specifaion and direction of Engineer-in charge.	-		<b>28.57734</b>	Cum
i)	<b>BRM340</b> : Cement	3.23		92.3048082	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45		12.859803	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		25.719606	1 Cum.
6	<b>Road Work (AR1307)</b> :.Supplying & spreading moorum and consolidation with HRR - Supplying & spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge.	-		<b>38.39178</b>	Cum
i)	<b>BRM025</b> : Gravel or moorum	1.28		49.1414784	1 Cum

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	27.59517435	1 Cum	413.05	11398.186765268
2	<b>BRM340</b>	174.2727018	1 Qntl.	534.912	93220.559465242
3	<b>BRM028</b>	30.0408462	1 Cum	417.99	12556.773303138

4	<b>BRM044</b>	34.3620864	1 Cum.	1401.46	48157.089606144
5	<b>BRM104</b>	0.1682475669	1Cum.	58573.086	9854.7792053245
6	<b>BRM092</b>	7.93977282	1Mtr.	229.106	1819.0495916989
7	<b>BRM056</b>	25.719606	1 Cum.	1802.83	46368.07728498
8	<b>BRM025</b>	49.1414784	1 Cum	336.01	16512.028157184
<b>Total: 239886.54337898</b>					

#### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	27.59517435	1 Cum	85.52	2359.939310412
2	<b>BRM028</b>	30.0408462	1 Cum	85.52	2569.093167024
3	<b>BRM044</b>	34.3620864	1 Cum.	314.82	10817.872040448
4	<b>BRM056</b>	25.719606	1 Cum.	314.82	8097.04636092
5	<b>BRM025</b>	49.1414784	1 Cum	87.5	4299.87936
<b>Total: 28143.830238804</b>					

#### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 4616.3591285183
2	Display Citizen Board @ Rs. 5190	Rs. 5190
<b>Total Addition Component Amount (in Rs.): 9806.3591285183</b>		

**Total Net Amount (in Rs.): 471442.27198035**