

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Mayurbhanj	<b>Block</b>	Saraskana	<b>Gram Panchayat</b>	Rajaloka

<b>Work Code</b>	OD/365/3507/120353/387943/00064370 (Const. of CC road from Ganeswar Naik house to Sukdev Naik house at Mahanala Village)						
<b>Project Category</b>	Road						

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Saraskana	<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>	201919

### 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	14.6495	240.77592	3527.24684004
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	12.002	1090.793132	13091.699170264

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	12.002	6204.0287068	74460.752539014
4	<p style="text-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 specifcaion and direction of Engineer-in charge.</p>	Cum	12.8845	7745.6484486	99798.807435987

5	<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	Sqm	17.65	216.39264180804	3819.3301279119
<b>Total Amount (in Rs.): 194697.83611322</b>					

#### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement 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	-	14.6495	Cum
i	Un-Skilled	0.516	7.559142	-

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.	-	12.002	Cum
i	Un-Skilled	0.1236	1.4834472	-
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.	-	12.002	Cum
i	Skilled	0.18	2.16036	-
ii	Un-Skilled	3.9	46.8078	-

4	<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>	-	12.8845	Cum
i	Un-Skilled	4.6	59.2687	-
ii	Skilled	0.68	8.76146	-
5	<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>	-	17.65	Sqm
i	Semi-Skilled	0.05	0.8825	-
ii	Skilled	0.05	0.8825	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	115.1190892	462	53185.0192104
2	Skilled	11.80432	562	6634.02784
3	Semi-Skilled	0.8825	512	451.84
<b>Total: 60270.8870504</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>14.6495</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>12.002</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	12.002	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>12.002</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	27.48458	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	5.76096	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	11.52192	1 Cum.
4	<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>	-	<b>12.8845</b>	Cum
i)	<b>BRM340</b> : Cement	3.23	41.616935	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	5.798025	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	11.59605	1 Cum.
5	<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	-	17.65	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.0471255	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	2.2239	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	12.002	1 Cum	466.64	5600.61328
2	<b>BRM340</b>	69.101515	1 Qntl.	650.732	44966.56705898
3	<b>BRM028</b>	11.558985	1 Cum	473.06	5468.0934441
4	<b>BRM044</b>	11.52192	1 Cum.	1531.66	17647.6639872
5	<b>BRM056</b>	11.59605	1 Cum.	1933.03	22415.5125315
6	<b>BRM104</b>	0.0471255	1Cum.	58620.646	2762.527253073
7	<b>BRM092</b>	2.2239	1Mtr.	276.666	615.2775174
<b>Total: 99476.255072253</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	12.002	1 Cum	556.25	6676.1125
2	<b>BRM028</b>	11.558985	1 Cum	556.25	6429.68540625
3	<b>BRM044</b>	11.52192	1 Cum.	551.5	6354.33888

4	BRM056	11.59605	1 Cum.	551.5	6395.221575
					<b>Total: 25855.35836125</b>

**ADDITION COMPONENT**

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 2221.16	Rs. 2221.16
2	Display Citizen Board @ Rs. 5000	Rs. 5000
		<b>Total Addition Component Amount (in Rs.): 7221.16</b>

**Total Net Amount (in Rs.): 201918.99611322**