

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Mayurbhanj	<b>Block</b>	Karanja	<b>Gram Panchayat</b>	Tato

<b>Work Code</b>	OD/365/3498/120229/388882/00038579 (Construction of CC Road at Kunjia Village)						
<b>Project Category</b>	Road						

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Karanja	<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>	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>	OD/365/3498/120229/388882/00038579/TS
<b>Fund Sanction No.</b>	35917
<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><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>	Cum	5.1375	240.77592	14452.323564754
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>	Cum	25.0025	1209.569132	14452.323564754

3	<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	30.14	6059.6382988	14452.323564754
4	<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 specifcaion and direction of Engineer-in charge.</p>	Cum	21.8771875	7594.7920206	14452.323564754

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	66.7875	216.39264180804	14452.323564754
<b>Total Amount (in Rs.): 394721.74946059</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	-	5.1375	Cum
i	Un-Skilled	0.516	2.65095	-

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.	-	25.0025	Cum
i	Un-Skilled	0.1236	3.090309	-
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.	-	30.14	Cum
i	Skilled	0.18	5.4252	-
ii	Un-Skilled	3.9	117.546	-

4	<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>	-	21.8771875	Cum
i	Un-Skilled	4.6	100.6350625	-
ii	Skilled	0.68	14.8764875	-
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>	-	66.7875	Sqm
i	Semi-Skilled	0.05	3.339375	-
ii	Skilled	0.05	3.339375	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	223.9223215	462	103452.112533
1	Skilled	23.6410625	562	13286.277125
2	Semi-Skilled	3.339375	512	1709.76
<b>Total: 118448.149658</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>5.1375</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>25.0025</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	25.0025	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>	-	30.14	Cum
i)	<b>BRM340</b> : Cement	2.29	69.0206	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	14.4672	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	28.9344	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>	-	21.8771875	Cum
i)	<b>BRM340</b> : Cement	3.23	70.663315625	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	9.844734375	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	19.68946875	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	-	<b>66.7875</b>	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.178322625	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	8.415225	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	25.0025	1 Cum	857.24	21433.1431
2	<b>BRM340</b>	139.683915625	1 Qntl.	638.732	89220.586794987
3	<b>BRM028</b>	24.311934375	1 Cum	863.66	20997.245242312
4	<b>BRM044</b>	28.9344	1 Cum.	1570.72	45447.840768
5	<b>BRM056</b>	19.68946875	1 Cum.	1972.09	38829.404427188
6	<b>BRM104</b>	0.178322625	1Cum.	58620.646	10453.387473916
7	<b>BRM092</b>	8.415225	1Mtr.	276.666	2328.20663985
<b>Total: 228709.81444625</b>					

## ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	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>	-	5.1375	Cum
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>	-	25.0025	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	25.0025	1 Cum
3	<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>	-	30.14	Cum
i)	<b>BRM340</b> : Cement	2.29	69.0206	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	14.4672	1 Cum

iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	28.9344	1 Cum.
4	<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.	-	<b>21.8771875</b>	Cum
i)	<b>BRM340</b> : Cement	3.23	70.663315625	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	9.844734375	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	19.68946875	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	-	<b>66.7875</b>	Sqm

i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.178322625	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.000614	0.041007525	1Mtr.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	25.0025	1 Cum	283.25	7081.958125
2	<b>BRM028</b>	24.311934375	1 Cum	283.25	6886.3554117187
3	<b>BRM044</b>	28.9344	1 Cum.	338.5	9794.2944
4	<b>BRM056</b>	19.68946875	1 Cum.	338.5	6664.885171875
<b>Total: 30427.493108594</b>					

#### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 5000	Rs. 5000
2	Any Other Lumpsum @ Rs. 278.2	Rs. 278.2
<b>Total Addition Component Amount (in Rs.): 5278.2</b>		

**Total Net Amount (in Rs.): 399999.94946059**