

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Rayagada	<b>Block</b>	Rayagada	<b>Panchayat</b>	Pipaliguda
<b>Work Code</b>	OD/370/3557/121274/426560/00016727 (Construction of CC road at Ramachandrapur( Revenue Village-Pipalguda))						
<b>Project Category</b>	Road						
<b>Financial Year</b>	2024-25			<b>Execution Level</b>	Pipaliguda, G.P		
<b>Executing Agency</b>	Panchayat Samiti, Rayagada			<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>	All Weather Connectivity		
<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>	1608
<b>Fund Sanction Amount (in Rs.)</b>	143788

### 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	26.572	235.56432	6259.41511104
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	8.038	711.511872	5719.132427136

3	<p><b>Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal -</b>  Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	12.61	5289.19297932	66696.723469225
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4	<p><b>Concrete (AR0307a) : Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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.</b></p>	Cum	8.8	6699.84114484	58958.602074592
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1	<p><b>Earth Work (AR0102 aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b></p> <p>- 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>	26.572	Cubic Meter	0.516	13.71115 2	-	-	-	-
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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.	8.038	Cubic Meter	0.1236	0.9934968	-	-	-	-
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3	<p><b>Concrete</b></p> <p><b>(AR0303 a) :</b></p> <p><b>Cement concrete (1:3:6) with 4 cm. hard granite( Hand Broken) metal -</b></p> <p>Cement concrete (1:3:6) with 4 cm. hard granite(H and 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>	12.61	Cubic Meter	3.9	49.179	-	-	0.18	2.2698
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4	<p><b>Concrete</b></p> <p><b>(AR0307 a) :</b></p> <p><b>Cement concrete (1:2:4) with 12mm size hard granite( Hand broken) chips per 1cum -</b></p> <p>Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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>	8.8	Cubic Meter	4.6	40.48	-	-	0.68	5.984
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5	R.C.C. Work (AR0410 c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centering 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	8.8	Square Meter	-	-	0.05	0.44	0.05	0.44
<b>Total Qty</b>				<b>104.3636488</b>		<b>0.44</b>		<b>8.6938</b>	
<b>Rate Per Man Day</b>				<b>452</b>		<b>502</b>		<b>552</b>	
<b>Total Amount</b>				<b>47172.3692576</b>		<b>220.88</b>		<b>4798.9776</b>	
<b>Total Labour Amount (in Rs.): 52192.2268576</b>									

## MATERIAL STATEMENT

Sl.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 - 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</b>	-	<b>26.572</b>	Cum
2	<b>Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed - 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.</b>	-	<b>8.038</b>	Cum
i)	<b>BRM029 : Sand for filling and road blinding</b>	1	8.038	1 Cum

3	<p><b>Concrete (AR0303a)</b>  <b>:.Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal -</b>  Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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>12.61</b>	Cum
i)	<b>BRM340 : Cement</b>	2.29	28.8769	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.48	6.0528	1 Cum
iii)	<b>BRM045 : Granite Stone broken metal 40mm. size (Hand broken)</b>	0.96	12.1056	1 Cum.
4	<p><b>Concrete (AR0307a)</b>  <b>:.Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum -</b>  Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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>8.8</b>	Cum

i)	<b>BRM057</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)(Hand broken)	0.9	7.92	1 Cum.
ii)	<b>BRM340</b> : Cement	3.23	28.424	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	3.96	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 - Rigid and smooth centering 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>	-	<b>8.8</b>	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.023496	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	1.1088	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	8.038	1 Cum	608.35	4889.9173
2	<b>BRM340</b>	57.3009	1 Qntl.	571.082	32723.5125738
3	<b>BRM028</b>	10.0128	1 Cum	613.29	6140.750112
4	<b>BRM045</b>	12.1056	1 Cum.	1323.77	16025.030112

5	<b>BRM057</b>	7.92	1 Cum.	1586.41	12564.3672
6	<b>BRM104</b>	0.023496	1Cum.	58715.766	1379.585637936
7	<b>BRM092</b>	1.1088	1Mtr.	371.786	412.2363168
<b>Total: 74135.399252536</b>					

### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	8.038	1 Cum	40.25	323.5295
2	<b>BRM028</b>	10.0128	1 Cum	40.25	403.0152
3	<b>BRM045</b>	12.1056	1 Cum.	149.5	1809.7872
4	<b>BRM057</b>	7.92	1 Cum.	149.5	1184.04
<b>Total: 3720.3719</b>					

### ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 1395.3201671073
2	Display Citizen Board @ Rs. 2860	Rs. 2860
<b>Total Addition Component Amount (in Rs.): 4255.3201671073</b>		

**Total Net Amount (in Rs.): 143787.33687783**