

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Rayagada	<b>Block</b>	Rayagada	<b>Panchayat</b>	Gumma
<b>Work Code</b>	OD/370/3557/121257/426374/00016590 (Construction of CC road at Sana Baleswar)						
<b>Project Category</b>	Road						
<b>Financial Year</b>	2024-25	<b>Execution Level</b>			Gumma, 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	15.39	235.56432	3625.3348848
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	5.13	645.760872	3312.75327336

3	<p><b>Concrete (AR0309a) : Cement Concrete (1:3:6) with 12mm size hard broken granite Hand Broken chips -</b> Cement Concrete (1:3:6) with 12mm size hard granite (Hand Broken) chips 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	15.39	5930.9972147	91278.047134233
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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></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>	15.39	Cubic Meter	0.516	7.94124	-	-
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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.	5.13	Cubic Meter	0.1236	0.634068	-	-
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3	<p><b>Concrete (AR0309a) : Cement Concrete (1:3:6) with 12mm size hard broken granite Hand Broken chips - Cement Concrete (1:3:6) with 12mm size hard granite (Hand Broken) chips 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.</b></p>	15.39	Cubic Meter	4.6	70.794	0.68	10.4652
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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 and as per direction of Engineer-in charge.	6.156	Cubic Meter	4.6	28.3176	0.68	4.18608
<b>Total Qty</b>				<b>107.686908</b>		<b>14.65128</b>	
<b>Rate Per Man Day</b>				<b>452</b>		<b>552</b>	
<b>Total Amount</b>				<b>48674.482416</b>		<b>8087.50656</b>	
<b>Total Labour Amount (in Rs.): 56761.988976</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</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	-	15.39	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.	-	5.13	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	5.13	1 Cum

3	<b>Concrete (AR0309a)</b> <b>:.Cement Concrete (1:3:6) with 12mm size hard broken granite Hand Broken chips -</b> Cement Concrete (1:3:6) with 12mm size hard granite (Hand Broken) chips 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.	-	15.39	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	13.851	1 Cum.
ii)	<b>BRM340 :</b> Cement	2.15	33.0885	1 Qntl.
iii)	<b>BRM028 :</b> Screened and washed sharp sand for mortar	0.45	6.9255	1 Cum

4	<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 and as per direction of Engineer-in charge.	-	6.156	Cum
i)	<b>BRM340</b> : Cement	3.23	19.88388	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	2.7702	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	5.5404	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	5.13	1 Cum	543.25	2786.8725
2	<b>BRM057</b>	13.851	1 Cum.	1586.41	21973.36491
3	<b>BRM340</b>	52.97238	1 Qntl.	565.137	29936.65191606
4	<b>BRM028</b>	9.6957	1 Cum	548.19	5315.085783
5	<b>BRM056</b>	5.5404	1 Cum.	1933.03	10709.759412
<b>Total: 70721.73452106</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	5.13	1 Cum	40.25	206.4825
2	<b>BRM057</b>	13.851	1 Cum.	157.3	2178.7623
3	<b>BRM028</b>	9.6957	1 Cum	152.25	1476.170325
4	<b>BRM056</b>	5.5404	1 Cum.	157.3	871.50492
<b>Total: 4732.920045</b>					

#### **ADDITION COMPONENT**

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 1414.5545207424
2	Display Citizen Board @ Rs. 900	Rs. 900
<b>Total Addition Component Amount (in Rs.): 2314.5545207424</b>		

**Total Net Amount (in Rs.): 143770.00659498**