

**ESTIMATION DPR**

<b>State</b>	Odisha	<b>District</b>	Puri	<b>Block</b>	Sadar	<b>Panchayat</b>	Gopinathpur
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<b>Work Code</b>	OD/369/3545/121070/409901/00013590 (Improvement of Road from Gadadhar maharana House to Ajay Krushna Das House at M M Nagar)
<b>Project Category</b>	Road

<b>Financial Year</b>	2023-24	<b>Execution Level</b>	Gopinathpur, G.P
<b>Executing Agency</b>	Panchayat Samiti, Sadar	<b>Proposal Date</b>	03-06-2023
<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>	Upgradation or Improvement
<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>	11939
<b>Fund Sanction Amount (in Rs.)</b>	100000

**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 (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	6.72	605.007372	4065.64953984
2	<p style="text-align: center;"><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	6.72	6285.40400078	42237.914885242



1	<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.	6.72	Cubic Meter	0.1236	0.830592	-	-
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2	<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>	6.72	Cubic Meter	3.9	26.208	0.18	1.2096
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3	<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.	6.72	Cubic Meter	4.6	30.912	0.68	4.5696
<b>Total Qty</b>				<b>57.950592</b>		<b>5.7792</b>	
<b>Rate Per Man Day</b>				<b>452</b>		<b>552</b>	
<b>Total Amount</b>				<b>26193.667584</b>		<b>3190.1184</b>	
<b>Total Labour Amount (in Rs.): 29383.785984</b>							

## **MATERIAL STATEMENT**

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<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.	-	6.72	Cum
i)	<b>BRM029 :</b> Sand for filling and road blinding	1	6.72	1 Cum
2	<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.	-	6.72	Cum
i)	<b>BRM340 :</b> Cement	2.29	15.3888	1 Qntl.
ii)	<b>BRM028 :</b> Screened and washed sharp sand for mortar	0.48	3.2256	1 Cum
iii)	<b>BRM044 :</b> Granite Stone broken metal 40mm. size (Crusher broken)	0.96	6.4512	1 Cum.

3	<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.	-	6.72	Cum
i)	<b>BRM340</b> : Cement	3.23	21.7056	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	3.024	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	6.048	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	6.72	1 Cum	427.65	2873.808
2	<b>BRM340</b>	37.0944	1 Qntl.	591.577	21944.1938688
3	<b>BRM028</b>	6.2496	1 Cum	780.67	4878.875232
4	<b>BRM044</b>	6.4512	1 Cum.	1984.91	12805.051392
5	<b>BRM056</b>	6.048	1 Cum.	2396.53	14494.21344
<b>Total: 56996.1419328</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	6.72	1 Cum	115.5	776.16
2	<b>BRM028</b>	6.2496	1 Cum	115.5	721.8288
3	<b>BRM044</b>	6.4512	1 Cum.	320	2064.384
4	<b>BRM056</b>	6.048	1 Cum.	320	1935.36
<b>Total: 5497.7328</b>					

#### **ADDITION COMPONENT**

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 987.42232375181
2	Display Citizen Board @ Rs. 270	Rs. 270
<b>Total Addition Component Amount (in Rs.): 1257.4223237518</b>		

**Total Net Amount (in Rs.): 99999.654698933**