

ESTIMATION DPR							
State	Odisha	District	Kendrapara	Block	Pattamundai	Gram Panchayat	Srirampur

Work Code	OD/360/3440/119199/396277/00070686 (Repair and Maintainance of road from Hrusikesh Nayak house to Saroj Sahoo house, vill- Mathasahi, GP- Srirampur)						
Project Category	Road						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Pattamundai	Proposal Date	16-12-2024
Date of Commencement	-	Date of Completion	
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	MAINTENANCE OF ROADS AND BRIDGES
Project Sub-Category	CC Road	Project Type	Repair and Maintenance
Name of Executant			

### Administrative Approval Details

Approval No.	
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### Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	29781
Fund Sanction Amount (in Rs.)	250000

### 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) :</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	22.09573496064	1014.477532	22415.626670596
2	<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	16.739193152	6212.30721826	103989.01044602

3	<p 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 specificaion and direction of Engineer-in charge.</p>	Cum	14.823774008	7706.58245862	114240.6367406
<b>Total Amount (in Rs.): 240645.27385721</b>					

### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement Qty)	Unit
1	<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>	-	22.09573496064	Cum
i	Un-Skilled	0.1236	2.7310328411351	-

2	<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>	-	16.739193152	Cum
i	Skilled	0.18	3.01305476736	-
ii	Un-Skilled	3.9	65.2828532928	-
3	<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>	-	14.823774008	Cum
i	Un-Skilled	4.6	68.1893604368	-

ii	Skilled	0.68	10.08016632544	-
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Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	136.20324657074	462	62925.89991568
2	Skilled	13.0932210928	562	7358.3902541536
<b>Total: 70284.290169833</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)</b> :.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 & P required for the work etc. complete and as per direction of Engineer-in charge.	-	<b>22.09573496064</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	22.09573496064	1 Cum
2	<b>Concrete (AR0303)</b> :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - 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.	-	<b>16.739193152</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	38.33275231808	1 Qntl.

ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	8.03481271296	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	16.06962542592	1 Cum.
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 as per specifaion and direction of Engineer-in charge.	-	<b>14.823774008</b>	Cum
i)	<b>BRM340</b> : Cement	3.23	47.88079004584	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	6.6706983036	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	13.3413966072	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	22.09573496064	1 Cum	600.59	13270.477460011
2	<b>BRM340</b>	86.21354236392	1 Qntl.	583.967	50345.863693631
3	<b>BRM028</b>	14.70551101656	1 Cum	608.22	8944.1859104921
4	<b>BRM044</b>	16.06962542592	1 Cum.	2164.75	34786.72164076
5	<b>BRM056</b>	13.3413966072	1 Cum.	2608.13	34796.096733137
<b>Total: 142143.34543803</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
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1	<b>BRM029</b>	22.09573496064	1 Cum	346.74	7661.4751402523
2	<b>BRM028</b>	14.70551101656	1 Cum	346.74	5098.988889882
3	<b>BRM044</b>	16.06962542592	1 Cum.	149.5	2402.409001175
4	<b>BRM056</b>	13.3413966072	1 Cum.	149.5	1994.5387927764
<b>Total: 17157.411824086</b>					

#### ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 2500	Rs. 2500
2	Display Citizen Board @ Rs. 5000	Rs. 5000
3	Provision for survey investigation and quality control @ Rs. 1500	Rs. 1500
<b>Total Addition Component Amount (in Rs.): 9000</b>		

**Total Net Amount (in Rs.): 249645.27385721**