

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Balasure	<b>Block</b>	Bhograi	<b>Gram Panchayat</b>	Kosabakamar da

<b>Work Code</b>	OD/346/3302/116158/391854/00056645 (Improvement of road from Kamarda Baliapal PWD road to Bhuyan sahi at Vill. Kamarda)
<b>Project Category</b>	Road

<b>Financial Year</b>	2020-21	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Bhograi	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	14-11-2025	<b>Date of Completion</b>	19-11-2025
<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>	SOUMITA MOHANTY		

### Administrative Approval Details

<b>Approval No.</b>	OD/346/3302/116158/391854/00056645/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	
<b>Fund Sanction No.</b>	
<b>Fund Sanction Amount (in Rs.)</b>	500000

### ROYALTY 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>32.2535289616</b>	Cum

2	<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>27.5388383952</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	27.5388383952	1 Cum
3	<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>32.2535289616</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	73.860581322064	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	15.481693901568	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	30.963387803136	1 Cum.

4	<b>R.C.C. Work (AR0401) :.R.C.C work</b> - 'Reinforced cement concrete (1:2:4) work with 12mm size black hard crusher broken granite 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. (To be used for minor repair work only)	-		<b>27.5664048</b>	Cum
i)	<b>BRM340 : Cement</b>	3.23		89.039487504	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.45		12.40488216	1 Cum
iii)	<b>BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve &amp; retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)</b>	0.9		24.80976432	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>36.7245559</b>	Sqm
i)	<b>BRM104 : Non Sal wood scantling &amp; plants(Tentera, Kasi, Gamhari, Kuruma)</b>	0.00267		0.098054564253	1Cum.
ii)	<b>BRM092 : Non-sal bullahs 75mm. mean dia of any length.</b>	0.000614		0.0225488773226	1Mtr.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
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1	<b>BRM029</b>	27.5388383952	1 Cum	265.25	7304.6768843268
2	<b>BRM028</b>	27.886576061568	1 Cum	265.25	7396.9143003309
3	<b>BRM044</b>	30.963387803136	1 Cum.	522.5	16178.370127139
4	<b>BRM056</b>	24.80976432	1 Cum.	522.5	12963.1018572
					<b>Total: 43843.063168996</b>