

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Nayagarh	<b>Block</b>	Bhapur	<b>Gram Panchayat</b>	Chakradhara prasad

<b>Work Code</b>	OD/367/3523/120595/406182/00070481 (Imp. of Sabarapalli to Sanachandi CC road)
<b>Project Category</b>	Road

<b>Financial Year</b>	2024-25	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Bhapur	<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>	
<b>Fund Sanction Amount (in Rs.)</b>	143788

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	<p><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	6.29625	793.933932	4998.806519355

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	12.5925	5384.25149878	67801.186998387
3	<p style="text-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 specifcaion and direction of Engineer-in charge.</p>	Cum	9.444375	6934.31395986	65490.261404653

4	<b>R.C.C. Work (AR0410c) :</b> <b>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	Sqm	14.49	216.23489289764	3133.2435980868
<b>Total Amount (in Rs.): 141423.49852048</b>					

#### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement 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.	-	6.29625	Cum
i	Un-Skilled	0.1236	0.7782165	-

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>	-	12.5925	Cum
i	Skilled	0.18	2.26665	-
ii	Un-Skilled	3.9	49.11075	-
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>	-	9.444375	Cum
i	Un-Skilled	4.6	43.444125	-

	ii	Skilled	0.68	6.422175	-
4		<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 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>	-	14.49	Sqm
	i	Semi-Skilled	0.05	0.7245	-
	ii	Skilled	0.05	0.7245	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	93.3330915	462	43119.888273
2	Skilled	9.413325	562	5290.28865
3	Semi-Skilled	0.7245	512	370.944
				<b>Total: 48781.120923</b>

## MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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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.	-	6.29625	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	6.29625	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.	-	12.5925	Cum
i)	<b>BRM340</b> : Cement	2.29	28.836825	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	6.0444	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	12.0888	1 Cum.

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 specifaion and direction of Engineer-in charge.</p>	-	9.444375	Cum
i)	<b>BRM340</b> : Cement	3.23	30.50533125	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	4.24996875	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	8.4999375	1 Cum.
4	<p><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</p>	-	14.49	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.0386883	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	1.82574	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	6.29625	1 Cum	423.72	2667.84705
2	BRM340	59.34215625	1 Qntl.	587.627	34871.053250719
3	BRM028	10.29436875	1 Cum	430.15	4428.1227178125
4	BRM044	12.0888	1 Cum.	1360.21	16443.306648
5	BRM056	8.4999375	1 Cum.	1802.83	15323.942323125
6	BRM104	0.0386883	1Cum.	58573.086	2266.0931230938
7	BRM092	1.82574	1Mtr.	229.106	418.28798844
<b>Total: 76418.65310119</b>					

#### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	6.29625	1 Cum	305.25	1921.9303125
2	BRM028	10.29436875	1 Cum	305.25	3142.3560609375
3	BRM044	12.0888	1 Cum.	199.5	2411.7156
4	BRM056	8.4999375	1 Cum.	199.5	1695.73753125
<b>Total: 9171.7395046875</b>					

#### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1438	Rs. 1438
2	Display Citizen Board @ Rs. 900	Rs. 900
<b>Total Addition Component Amount (in Rs.): 2338</b>		

**Total Net Amount (in Rs.): 143761.49852048**