

ESTIMATION DPR

State	Odisha	District	Cuttack	Block	Tigiria	Gram Panchayat	Bhiruda
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Work Code	OD/350/3345/117170/398980/00043064 (Const of CC Road from Sabhapati Parida House to Post Office , Bhiruda ,, W.N-07)
Project Category	Road

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Tigiria	Proposal Date	20-07-2023
Date of Commencement	29-07-2025	Date of Completion	01-08-2025
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	All Weather Connectivity
Project Sub-Category	CC Road	Project Type	New Work
Name of Executant	Mihir Kumar Sethy		

Administrative Approval Details

Approval No.	OD/350/3345/117170/398980/00043064/AS
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Technical Sanction Details

Technical Sanction No.	OD/350/3345/117170/398980/00043064/TS
Fund Sanction No.	15598
Fund Sanction Amount (in Rs.)	300000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p>Concrete (AR0303) : 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.</p>	Cum	2.194665	5944.87737806	282738.59696015
2	<p>Concrete (AR0307) : 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 as per specifcaion and direction of Engineer-in charge.</p>	Cum	37.82295	7475.31847622	282738.59696015
Total Amount (in Rs.): 295785.61127107					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p>Concrete (AR0303) : 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.</p>	-	2.194665	Cum
i	Skilled	0.18	0.3950397	-
ii	Un-Skilled	3.9	8.5591935	-
2	<p>Concrete (AR0307) : 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 as per specifaion and direction of Engineer-in charge.</p>	-	37.82295	Cum

i	Un-Skilled	4.6	173.98557	-
ii	Skilled	0.68	25.719606	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
0	Skilled	26.1146457	562	14676.4308834
1	Un-Skilled	182.5447635	462	84335.680737
Total: 99012.1116204				

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Concrete (AR0303) :.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.	-	2.194665	Cum
i)	BRM340 : Cement	2.29	5.02578285	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	1.0534392	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	2.1068784	1 Cum.

2	Concrete (AR0307) :.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 as per specifaion and direction of Engineer-in charge.	-	37.82295	Cum
i)	BRM340 : Cement	3.23	122.1681285	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	17.0203275	1 Cum
iii)	BRM056 : 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	34.040655	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	127.19391135	1 Qntl.	563.767	71707.729820055
2	BRM028	18.0737667	1 Cum	808.59	14614.267015953
3	BRM044	2.1068784	1 Cum.	1417.71	2986.942576464
4	BRM056	34.040655	1 Cum.	1846.31	62849.60173305
Total: 152158.54114552					

ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<p>Concrete (AR0303) :.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.</p>	-	2.194665	Cum
i)	BRM340 : Cement	2.29	5.02578285	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	1.0534392	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	2.1068784	1 Cum.
2	<p>Concrete (AR0307) :.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 as per specificaion and direction of Engineer-in charge.</p>	-	37.82295	Cum
i)	BRM340 : Cement	3.23	122.1681285	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	17.0203275	1 Cum

iii)	BRM056 : 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	34.040655	1 Cum.
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S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	18.0737667	1 Cum	426.4	7706.65412088
2	BRM044	2.1068784	1 Cum.	409	861.7132656
3	BRM056	34.040655	1 Cum.	409	13922.627895
Total: 22490.99528148					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 3000	Rs. 3000
2	Display Citizen Board @ Rs. 1214	Rs. 1214
Total Addition Component Amount (in Rs.): 4214		

Total Net Amount (in Rs.): 299999.61127107