

ESTIMATION DPR							
State	Odisha	District	Khordha	Block	Chilika	Gram Panchayat	Mansinghpur

Work Code	OD/362/3462/275264/408152/00069713 (Construction of Paver Road from Kalijai School to Soran Chilika Bidyaniketan High School.)						
Project Category	Road						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Chilika	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	All Weather Connectivity
Project Sub-Category	Pavor Block	Project Type	New Work
Name of Executant			

Administrative Approval Details

Approval No.	
--------------	--

Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	29143
Fund Sanction Amount (in Rs.)	143788

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
-----	----------------	------	----------	---------------------	----------------

1	<p style="text-align: center;">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>	Cum	3.141890544	7457.4590886	23430.520192739
---	--	-----	-------------	--------------	-----------------

2	<p>miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC - Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.</p>	Sqm	147.35530636	642.7605	94714.170393607
---	---	-----	--------------	----------	-----------------

3	<p align="center">Earth Work (AR0115) : 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.</p>	Cum	19.669698784	1214.477732	23888.411168315
Total Amount (in Rs.): 142033.10175466					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<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>	-	3.141890544	Cum
	i Un-Skilled	4.6	14.4526965024	-
	ii Skilled	0.68	2.13648556992	-

2	<p>miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC -</p> <p>Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.</p>	-	147.35530636	Sqm
3	<p>Earth Work (AR0115) : 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.</p>	-	19.669698784	Cum
i	Un-Skilled	0.1236	2.4311747697024	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	16.883871272102	462	7800.3485277113
2	Skilled	2.13648556992	562	1200.704890295

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<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>	-	3.141890544	Cum
i)	BRM340 : Cement	3.23	10.14830645712	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.4138507448	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	2.8277014896	1 Cum.

2	<p>miscellaneous(ARM28 7) :.Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC -</p> <p>Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.</p>	-	147.35530636	Sqm
i)	BRM029 : Sand for filling and road blinding	0.03	4.4206591908	1 Cum
ii)	<p>BRMM287 : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items)</p>	1	147.35530636	1 Sqm
3	<p>Earth Work (AR0115) :.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.</p>	-	19.669698784	Cum

i)	BRM029 : Sand for filling and road blinding	1	19.669698784	1 Cum
----	---	---	--------------	-------

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	10.14830645712	1 Qntl.	572.954	5814.5127778327
2	BRM028	1.4138507448	1 Cum	1108.49	1567.2394121034
3	BRM056	2.8277014896	1 Cum.	2234.62	6318.83830269
4	BRM029	24.0903579748	1 Cum	1102.1	26549.983524027
5	BRMM287	147.35530636	1 Sqm	608.4	89650.968389424
Total: 129901.54240608					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	1.4138507448	1 Cum	43.25	61.1490447126
2	BRM056	2.8277014896	1 Cum.	199.5	564.1264471752
3	BRM029	24.0903579748	1 Cum	43.25	1041.9079824101
Total: 1667.1834742979					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1254.5	Rs. 1254.5
2	Display Citizen Board @ Rs. 500	Rs. 500
Total Addition Component Amount (in Rs.): 1754.5		

Total Net Amount (in Rs.): 143787.60175466