

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Khordha	<b>Block</b>	Chilika	<b>Gram Panchayat</b>	Jaripada

<b>Work Code</b>	OD/362/3462/119643/408158/00064088 (Construction of Paver road at Jagannathpur School.)
<b>Project Category</b>	Road

<b>Financial Year</b>	2024-25	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Chilika	<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>	Pavor Block	<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>	29143
<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	18.426308096	1214.477732	22378.340865563

2	<p><b>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.</b></p>	Sqm	145.671904	642.7605	93632.145850992
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3	<p style="text-align: center;"><b>Masonry Stone Work (AR0717) :</b></p> <p><b>Laterite stone masonry -</b> Laterite stone masonry in cement mortar (1:6) in foundation and plinth cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.</p>	Cum	2.269874688	5754.16119704	13061.224851833
4	<p style="text-align: center;"><b>Concrete (AR0307) :</b></p> <p><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	1.4583152	7457.4590886	10875.325942284
<b>Total Amount (in Rs.): 139947.03751067</b>					

## LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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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>	-	18.426308096	Cum
i	Un-Skilled	0.1236	2.2774916806656	-
2	<p><b>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 -</b> 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>	-	145.671904	Sqm

3	<p><b>Masonry Stone Work (AR0717) : Laterite stone masonry</b> - Laterite stone masonry in cement mortar (1:6) in foundation and plinth cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.</p>	-	2.269874688	Cum
i	Un-Skilled	1.21	2.74654837248	-
ii	Skilled	1.05	2.3833684224	-
iii	Highly-Skilled	2.295	5.20936240896	-
iv	Semi-Skilled	1.41	3.20052331008	-
4	<p><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&amp;P required for the work etc. complete as per specificaion and direction of Engineer-in charge.</p>	-	1.4583152	Cum
i	Un-Skilled	4.6	6.70824992	-

ii	Skilled	0.68	0.991654336	-
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Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	11.732289973146	462	5420.3179675933
2	Skilled	3.3750227584	562	1896.7627902208
3	Highly-Skilled	5.20936240896	612	3188.1297942835
4	Semi-Skilled	3.20052331008	512	1638.667934761
<b>Total:</b>				<b>12143.878486859</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>18.426308096</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	18.426308096	1 Cum

2	<p><b>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 -</b></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>	-	145.671904	Sqm
i)	<b>BRM029</b> : Sand for filling and road blinding	0.03	4.37015712	1 Cum
ii)	<b>BRMM287</b> : 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)	1	145.671904	1 Sqm
3	<p><b>Masonry Stone Work (AR0717) :.Laterite stone masonry -</b></p> <p>Laterite stone masonry in cement mortar (1:6) in foundation and plinth cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.</p>	-	2.269874688	Cum
i)	<b>BRM340</b> : Cement	0.572	1.298368321536	1 Qntl.

ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.24	0.54476992512	1 Cum
iii)	<b>BRM079</b> : Laterite Stone rough dressed	1	2.269874688	1 Cum.
4	<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 specificaion and direction of Engineer-in charge.	-	<b>1.4583152</b>	Cum
i)	<b>BRM340</b> : Cement	3.23	4.710358096	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	0.65624184	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	1.31248368	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	22.796465216	1 Cum	1102.1	25123.984314554
2	<b>BRMM287</b>	145.671904	1 Sqm	608.4	88626.7863936
3	<b>BRM340</b>	6.008726417536	1 Qntl.	572.954	3442.7238358329
4	<b>BRM028</b>	1.20101176512	1 Cum	1108.49	1331.3095315179
5	<b>BRM079</b>	2.269874688	1 Cum.	1591.89	3613.3908170803
6	<b>BRM056</b>	1.31248368	1 Cum.	2234.62	2932.9022810016
<b>Total: 125071.09717359</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
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1	<b>BRM029</b>	22.796465216	1 Cum	43.25	985.947120592
2	<b>BRM028</b>	1.20101176512	1 Cum	43.25	51.94375884144
3	<b>BRM079</b>	2.269874688	1 Cum.	169.5	384.743759616
4	<b>BRM056</b>	1.31248368	1 Cum.	199.5	261.84049416
<b>Total: 1684.4751332094</b>					

#### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1437	Rs. 1437
2	Display Citizen Board @ Rs. 500	Rs. 500
3	Any Other Lumpsum @ Rs. 800	Rs. 800
<b>Total Addition Component Amount (in Rs.): 2737</b>		

**Total Net Amount (in Rs.): 142684.03751067**