

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Mayurbhanj	<b>Block</b>	Kaptipada	<b>Gram Panchayat</b>	Pingu

<b>Work Code</b>	OD/365/3497/120211/391154/00048985 (Improvement of road with Paver Block road from Samal house to Panda house (CR-A/02/25-26))						
<b>Project Category</b>	Road						

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Kaptipada	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	24-11-2025	<b>Date of Completion</b>	-
<b>Scheme Name</b>	SFC Devolution of Fund	<b>Scheme Component Name</b>	5TH SFC DEVOLUTION GRANT TO PANCHAYAT SAMITI
<b>Project Sub-Category</b>	Pavor Block	<b>Project Type</b>	Upgradation or Improvement
<b>Name of Executant</b>	BIKASH KUMAR PARIDA		

### Administrative Approval Details

<b>Approval No.</b>	OD/365/3497/120211/391154/00048985/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/365/3497/120211/391154/00048985/TS
<b>Fund Sanction No.</b>	
<b>Fund Sanction Amount (in Rs.)</b>	250000

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<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	10.95	630.5157	1083.49164
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2	<p><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</p>	Sqm	55	216.23489289764	1083.49164
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>	Cum	25.7049998175	7584.8662456	1083.49164

4	<b>Earth Work (AR0102aa) :</b> <b>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	Cum	4.5	240.77592	1083.49164
<b>Total Amount (in Rs.): 214849.54312328</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>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></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>	-	10.95	Sqm
2	<p><b>R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc -</b></p> <p>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>	-	55	Sqm
i	Semi-Skilled	0.05	2.75	-
ii	Skilled	0.05	2.75	-

3	<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 specifaion and direction of Engineer-in charge.</p>	-	25.7049998175	Cum
i	Un-Skilled	4.6	118.2429991605	-
ii	Skilled	0.68	17.4793998759	-
4	<p><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 &amp; 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</p>	-	4.5	Cum
i	Un-Skilled	0.516	2.322	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
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0	Semi-Skilled	2.75	512	1408
1	Skilled	20.2293998759	562	11368.922730256
2	Un-Skilled	120.5649991605	462	55701.029612151
<b>Total: 68477.952342407</b>				

## MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<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>	-	10.95	Sqm
i)	<b>BRM029</b> : Sand for filling and road blinding	0.03	0.3285	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	10.95	1 Sqm
2	<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	-	55	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.14685	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	6.93	1Mtr.

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>	-		<b>25.7049998175</b>	Cum
i)	<b>BRM340</b> : Cement	3.23		83.027149410525	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45		11.567249917875	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		23.13449983575	1 Cum.
4	<p><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 &amp; 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</p>	-		<b>4.5</b>	Cum

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	0.3285	1 Cum	661.94	217.44729
2	<b>BRMM287</b>	10.95	1 Sqm	608.4	6661.98
3	<b>BRM104</b>	0.14685	1Cum.	58573.086	8601.4576791

4	<b>BRM092</b>	6.93	1Mtr.	229.106	1587.70458
5	<b>BRM340</b>	83.027149410525	1 Qntl.	662.622	55015.615796701
6	<b>BRM028</b>	11.567249917875	1 Cum	668.36	7731.0871551109
7	<b>BRM056</b>	23.13449983575	1 Cum.	2128.33	49237.850035422
<b>Total: 129053.14253633</b>					

## ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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 - 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.	-	10.95	Sqm
i)	<b>BRM029</b> : Sand for filling and road blinding	0.03	0.3285	1 Cum

2	<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>	-	55	Sqm
i)	<p><b>BRM104</b> : Non Sal wood scantling &amp; plants(Tentera, Kasi, Gamhari, Kuruma)</p>	0.00267	0.14685	1Cum.
ii)	<p><b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.</p>	0.000614	0.03377	1Mtr.
3	<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>	-	25.7049998175	Cum
i)	<p><b>BRM340</b> : Cement</p>	3.23	83.027149410525	1 Qntl.
ii)	<p><b>BRM028</b> : Screened and washed sharp sand for mortar</p>	0.45	11.567249917875	1 Cum
iii)	<p><b>BRM056</b> : 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)</p>	0.9	23.13449983575	1 Cum.

4	<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	-	4.5	Cum
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S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	0.3285	1 Cum	75.25	24.719625
2	BRM028	11.567249917875	1 Cum	75.25	870.43555632009
3	BRM056	23.13449983575	1 Cum.	279.5	6466.0927040921
<b>Total: 7361.2478854122</b>					

#### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 2148.4954312328
2	Display Citizen Board @ Rs. 3000	Rs. 3000
3	Any Other Lumpsum @ Rs. 30000	Rs. 30000
<b>Total Addition Component Amount (in Rs.): 35148.495431233</b>		

**Total Net Amount (in Rs.): 249998.03855451**