

ESTIMATION DPR							
State	Odisha	District	Ganjam	Block	Bellaguntha	Gram Panchayat	Benipalli

Work Code	OD/354/3366/117619/410678/00064174 (CONSTRUCTION OF PAVER C.C.ROAD FROM CHANDRASEKHAR TO UP SCHOOL)
Project Category	Road

Financial Year	2022-23	Execution Level	PS
Executing Agency	Panchayat Samiti, Bellaguntha	Proposal Date	-
Date of Commencement	17-11-2025	Date of Completion	09-01-2026
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	Phulamani Majhi		

Administrative Approval Details

Approval No.	OD/354/3366/117619/410678/00064174/AS
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Technical Sanction Details

Technical Sanction No.	OD/354/3366/117619/410678/00064174/TS
Fund Sanction No.	9122
Fund Sanction Amount (in Rs.)	250000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	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.	Cum	27.510337536	683.086432	171482.13281349

2	<p>Concrete (AR0307a) : Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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	3.6245504	6648.01258882	171482.13281349
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3	<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	273.506432	626.9766	171482.13281349
Total Amount (in Rs.): 214370.12781209					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<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>	-	27.510337536	Cum
	i Un-Skilled	0.1236	3.4002777194496	-
2	<p>Concrete (AR0307a) : Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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>	-	3.6245504	Cum
	i Un-Skilled	4.6	16.67293184	-
	ii Skilled	0.68	2.464694272	-

3	<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>	-	273.506432	Sqm
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SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	20.07320955945	462	9273.8228164657
1	Skilled	2.464694272	562	1385.158180864
Total: 10658.98099733				

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	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.	-	27.510337536	Cum
i)	BRM029 : Sand for filling and road blinding	1	27.510337536	1 Cum
2	Concrete (AR0307a) :.Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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.	-	3.6245504	Cum
i)	BRM057 : 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)(Hand broken)	0.9	3.26209536	1 Cum.
ii)	BRM340 : Cement	3.23	11.707297792	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.63104768	1 Cum

3	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.	-	273.506432	Sqm
i)	BRM029 : Sand for filling and road blinding	0.03	8.20519296	1 Cum
ii)	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)	1	273.506432	1 Sqm

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	35.715530496	1 Cum	403.97	14428.002854469
2	BRM057	3.26209536	1 Cum.	1411.11	4603.1753834496
3	BRM340	11.707297792	1 Qntl.	598.962	7012.2265000919
4	BRM028	1.63104768	1 Cum	407.34	664.3909619712
5	BRMM287	273.506432	1 Sqm	608.4	166401.3132288

Total: 193109.10892878

ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	27.510337536	Cum
i)	BRM029 : Sand for filling and road blinding	1	27.510337536	1 Cum
2	Concrete (AR0307a) :.Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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.	-	3.6245504	Cum
i)	BRM057 : 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)(Hand broken)	0.9	3.26209536	1 Cum.
ii)	BRM340 : Cement	3.23	11.707297792	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.63104768	1 Cum

3	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.	-	273.506432	Sqm
i)	BRM029 : Sand for filling and road blinding	0.03	8.20519296	1 Cum

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	35.715530496	1 Cum	215.25	7687.767939264
2	BRM057	3.26209536	1 Cum.	288.5	941.11451136
3	BRM028	1.63104768	1 Cum	215.25	351.08301312
Total: 8979.965463744					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 2500	Rs. 2500
2	Display Citizen Board @ Rs. 3177	Rs. 3177
3	Any Other Lumpsum @ Rs. 29952	Rs. 29952
Total Addition Component Amount (in Rs.): 35629		

Total Net Amount (in Rs.): 249999.12781209