

ESTIMATION DPR							
State	Odisha	District	Koraput	Block	Laxmipur	Gram Panchayat	Bhitaragada

Work Code	OD/363/3475/119855/428864/00043066 (IMPROVEMENT OF ROAD AT GONEIPADAR VILLAGE TO SCHOOL)						
Project Category	Road						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Laxmipur	Proposal Date	16-07-2024
Date of Commencement	29-07-2025	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	All Weather Connectivity
Project Sub-Category	Pavor Block	Project Type	Upgradation or Improvement
Name of Executant	RANJIT KHOSLA		

Administrative Approval Details

Approval No.	OD/363/3475/119855/428864/00043066/AS
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Technical Sanction Details

Technical Sanction No.	OD/363/3475/119855/428864/00043066/TS
Fund Sanction No.	1440
Fund Sanction Amount (in Rs.)	300000

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	31.683	826.132732	199991.175165

2	<p>Concrete (AR0304) : Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal - Cement concrete (1:4:8) 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	6.256	5526.61884648	199991.175165
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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	316.83	631.2255	199991.175165
Total Amount (in Rs.): 260740.06601653					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement 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.	-	31.683	Cum
i	Un-Skilled	0.1236	3.9160188	-
2	Concrete (AR0304) : Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal - Cement concrete (1:4:8) 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.	-	6.256	Cum
i	Un-Skilled	3.9	24.3984	-
ii	Skilled	0.18	1.12608	-

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>	-	316.83	Sqm
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SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	28.3144188	462	13081.2614856
1	Skilled	1.12608	562	632.85696
Total: 13714.1184456				

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.	-	31.683	Cum
i)	BRM029 : Sand for filling and road blinding	1	31.683	1 Cum
2	Concrete (AR0304) :.Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal - Cement concrete (1:4:8) 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.	-	6.256	Cum
i)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	6.00576	1 Cum.
ii)	BRM340 : Cement	1.72	10.76032	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.48	3.00288	1 Cum

3	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.	-		316.83	Sqm
i)	BRM029 : Sand for filling and road blinding	0.03		9.5049	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		316.83	1 Sqm

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	41.1879	1 Cum	673.45	27737.991255
2	BRM044	6.00576	1 Cum.	1531.66	9198.7823616
3	BRM340	10.76032	1 Qntl.	616.947	6638.54714304
4	BRM028	3.00288	1 Cum	983.77	2954.1432576
5	BRMM287	316.83	1 Sqm	608.4	192759.372
Total: 239288.83601724					

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.	-	31.683	Cum
i)	BRM029 : Sand for filling and road blinding	1	31.683	1 Cum
2	Concrete (AR0304) :.Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal - Cement concrete (1:4:8) 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.	-	6.256	Cum
i)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	6.00576	1 Cum.
ii)	BRM340 : Cement	1.72	10.76032	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.48	3.00288	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.	-	316.83	Sqm
i)	BRM029 : Sand for filling and road blinding	0.03	9.5049	1 Cum

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	41.1879	1 Cum	87.4	3599.82246
2	BRM044	6.00576	1 Cum.	149.5	897.86112
3	BRM028	3.00288	1 Cum	308.2	925.487616
Total: 5423.171196					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 2607.4006601653
2	Display Citizen Board @ Rs. 1955	Rs. 1955
3	Any Other Lumpsum @ Rs. 34697	Rs. 34697
Total Addition Component Amount (in Rs.): 39259.400660165		

Total Net Amount (in Rs.): 299999.4666767