

ESTIMATION DPR							
State	Odisha	District	Ganjam	Block	Kabisuryanagar	Gram Panchayat	Nandiagada

Work Code	OD/354/3376/117821/411420/00116981 (CONSTRUCTION OF PAVER ROAD FROM SANYASI BISWAL HOUSE TO ULLA BEHERA HOUSE AT E.DENGAPADAR)
Project Category	Road

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Kabisuryanagar	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.	
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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>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	13.6867	858.018432	11743.440873254

2	<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	4.470075	7158.2093499	31997.732659754
3	<p style="text-align: center;">R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - 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	26.88	216.23489289764	5812.3939210886

4	<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	125.912	632.1726	79598.1164112
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Total Amount (in Rs.): 129151.6838653

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>	-	13.6867	Cum
i	Un-Skilled	0.1236	1.69167612	-
2	<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>	-	4.470075	Cum
i	Un-Skilled	4.6	20.562345	-
ii	Skilled	0.68	3.039651	-

3	<p>R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - 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>	-	26.88	Sqm
i	Semi-Skilled	0.05	1.344	-
ii	Skilled	0.05	1.344	-
4	<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>	-	125.912	Sqm

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	22.25402112	462	10281.35775744
2	Skilled	4.383651	562	2463.611862
3	Semi-Skilled	1.344	512	688.128
Total:				13433.09761944

MATERIAL STATEMENT

SI.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.	-	13.6867	Cum
i)	BRM029 : Sand for filling and road blinding	1	13.6867	1 Cum
2	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.	-	4.470075	Cum
i)	BRM340 : Cement	3.23	14.43834225	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	2.01153375	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	4.0230675	1 Cum.
3	R.C.C. Work (AR0410c) :R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - 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	-	26.88	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.0717696	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	3.38688	1Mtr.

4	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.	-		125.912	Sqm
i)	BRM029 : Sand for filling and road blinding	0.03		3.77736	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		125.912	1 Sqm

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	17.46406	1 Cum	534.17	9328.7769302
2	BRM340	14.43834225	1 Qntl.	591.182	8535.6880480395
3	BRM028	2.01153375	1 Cum	537.54	1081.279851975
4	BRM056	4.0230675	1 Cum.	1737.73	6991.005086775
5	BRM104	0.0717696	1Cum.	58573.086	4203.7669529856
6	BRM092	3.38688	1Mtr.	229.106	775.95452928
7	BRMM287	125.912	1 Sqm	608.4	76604.8608

Total: 107521.33219926

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	17.46406	1 Cum	258.25	4510.093495
2	BRM028	2.01153375	1 Cum	258.25	519.4785909375
3	BRM056	4.0230675	1 Cum.	469.5	1888.83019125
					Total: 6918.4022771875

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 353.31	Rs. 353.31
2	Display Citizen Board @ Rs. 500	Rs. 500
3	Any Other Lumpsum @ Rs. 13783	Rs. 13783
		Total Addition Component Amount (in Rs.): 14636.31

Total Net Amount (in Rs.): 143787.9938653