

BILLING DPR							
State	Odisha	District	Ganjam	Block	Purushottampur	Gram Panchayat	Ranjhali

Work Code	OD/354/3381/117943/412221/00017477 (CONST OF CC/PAVOR ROAD FROM LOKNATH BEHER GHARA CHAKA TO BHANDRI KOTHGURHA RANAJHALI)						
Project Category	Road						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Purushottampur	Bill Status	Final Bill
Proposal Date	12-10-2024	Date of Commencement	19-05-2025
Date of Completion	03-06-2025	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.	OD/354/3381/117943/412221/00017477/AS
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Technical Sanction Details

Technical Sanction No.	OD/354/3381/117943/412221/00017477/TS
Fund Sanction No.	29143
Fund Sanction Amount (in Rs.)	538000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil 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	6.0243992	200.6466	368819.95857275
2	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	106.92518745161	481.237932	368819.95857275

3	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.	Cum	13.465771072	6957.4853536	368819.95857275
4	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	Sqm	91.71012548	216.23489289764	368819.95857275
5	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.	Sqm	593.9310529302	620.9811	368819.95857275
Total Amount (in Rs.): 535004.02404637					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement Qty)	Unit
1	Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil 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	-	6.0243992	Cum
i	Un-Skilled	0.43	2.590491656	-
2	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.	-	106.92518745161	Cum
i	Un-Skilled	0.1236	13.215953169019	-

3	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.	-	13.465771072	Cum
i	Un-Skilled	4.6	61.9425469312	-
ii	Skilled	0.68	9.15672432896	-
4	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	-	91.71012548	Sqm
i	Semi-Skilled	0.05	4.585506274	-
ii	Skilled	0.05	4.585506274	-
5	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.	-	593.9310529302	Sqm

Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	77.748991756219	462	35920.034191373
2	Skilled	13.74223060296	562	7723.1335988635
3	Semi-Skilled	4.585506274	512	2347.779212288
Total:				45990.947002525

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0102a) :.Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil 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	-	6.0243992	Cum

2	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.	-	106.92518745161	Cum
i)	BRM029 : Sand for filling and road blinding	1	106.92518745161	1 Cum
3	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 specifaicon and direction of Engineer-in charge.	-	13.465771072	Cum
i)	BRM340 : Cement	3.23	43.49444056256	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	6.0595969824	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	12.1191939648	1 Cum.
4	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	-	91.71012548	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.2448660350316	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	11.55547581048	1Mtr.
5	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.	-	593.9310529302	Sqm
i)	BRM029 : Sand for filling and road blinding	0.03	17.817931587906	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	593.9310529302	1 Sqm

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	124.74311903952	1 Cum	338.87	42271.700748921
2	BRM340	43.49444056256	1 Qntl.	593.232	25802.293963809
3	BRM028	6.0595969824	1 Cum	342.24	2073.8364712566
4	BRM056	12.1191939648	1 Cum.	1672.63	20270.927401343
5	BRM104	0.2448660350316	1Cum.	58573.086	14342.559328385
6	BRM092	11.55547581048	1Mtr.	229.106	2647.4288410358

7	BRMM287	593.9310529302	1 Sqm	608.4	361347.65260273
					Total: 468756.39935748

ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Measurement Qty)	Unit
1	Earth Work (AR0102a) :.Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil 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	-	6.0243992	Cum
2	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.	-	106.92518745161	Cum
i)	BRM029 : Sand for filling and road blinding	1	106.92518745161	1 Cum
3	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.	-	13.465771072	Cum
i)	BRM340 : Cement	3.23	43.49444056256	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	6.0595969824	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	12.1191939648	1 Cum.
4	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	-	91.71012548	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.2448660350316	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.000614	0.05631001704472	1Mtr.
5	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.	-	593.9310529302	Sqm
i)	BRM029 : Sand for filling and road blinding	0.03	17.817931587906	1 Cum

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	124.74311903952	1 Cum	80.5	10041.821082681
2	BRM028	6.0595969824	1 Cum	80.5	487.7975570832
3	BRM056	12.1191939648	1 Cum.	289.75	3511.5364513008
Total:					14041.155091065

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 2994	Rs. 2994
Total Addition Component Amount (in Rs.):		2994

DEDUCTION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Royalty @ Rs. 6153.5902761911	Rs. 6153.5902761911
2	Additional Royalty @ Rs. 6964.5262734453	Rs. 6964.5262734453
3	EMF @ Rs. 307.67951380955	Rs. 307.67951380955
4	DMF @ Rs. 615.35902761911	Rs. 615.35902761911
5	Empty Gunny Bag (Cement x Gunny Bag Rate : 0 x 3.945) @ 343.215	Rs. 343.215
6	Labour Cess @ 1%	Rs. 5379.9802404637
Total Deduction Component Amount (in Rs.):		19764.350331529

Total Net Amount (in Rs.): 518233.67371484