

BILLING DPR							
State	Odisha	District	Gajapati	Block	Gosani	Gram Panchayat	Bhusukudi
Work Code	OD/353/3357/117441/414694/00014036 (Maintenance of CC road at Kondi Street, Lingipur)						
Project Category	Road						
Financial Year	2021-22		Execution Level		PS		
Executing Agency	Panchayat Samiti, Gosani		Bill Status		1st Bill		
Proposal Date	25-11-2021		Date of Commencement		25-12-2024		
Date of Completion	-		Scheme Name		5th SFC Grant in Aid		
Scheme Component Name	MAINTENANCE OF ROADS AND BRIDGES		Project Sub-Category		CC Road		
Project Type	Repair and Maintenance		Name of Executant				

Administrative Approval Details

Approval No.	OD/353/3357/117441/414694/00014036/AS
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Technical Sanction Details

Technical Sanction No.	OD/353/3357/117441/414694/00014036/TS
Fund Sanction No.	4469
Fund Sanction Amount (in Rs.)	100000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	Earth Work (AR0122Ai) : Earth work in all kinds of soil within 50m, initial lead and 1.5m, initial lift - Earth work in all kinds of 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 direction of the Engineer-in-charge.	Cum	9.9	216.17774168	42566.1731625
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 specification and direction of Engineer-in charge.	Cum	3.5415	6221.39726876	42566.1731625
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	Sqm	22.2	215.22489289764	42566.1731625

4	Earth Work (AR0115a) : Filling foundation and plinth with crusher dust well watered and rammed - Filling foundation and plinth with crusher dust 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	7.955	982.939272	42566.1731625
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	67.525	630.3765	42566.1731625
Total Amount (in Rs.): 79336.685763533					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	Earth Work (AR0122Ai) : Earth work in all kinds of soil within 50m, initial lead and 1.5m, initial lift - Earth work in all kinds of 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 direction of the Engineer-in-charge.	-	9.9	Cum
i	Un-Skilled	0.473534	4.6879866	-
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 specification and direction of Engineer-in charge.	-	3.5415	Cum
i	Un-Skilled	4.6	16.2909	-
ii	Skilled	0.68	2.40822	-
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	-	22.2	Sqm
i	Semi-Skilled	0.05	1.11	-
ii	Skilled	0.05	1.11	-
4	Earth Work (AR0115a) : Filling foundation and plinth with crusher dust well watered and rammed - Filling foundation and plinth with crusher dust 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.	-	7.955	Cum

i	Un-Skilled	0.1236	0.983238	-
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.	-	67.525	Sqm

Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	21.9621246	452	9926.8803192
2	Skilled	3.51822	552	1942.05744
3	Semi-Skilled	1.11	502	557.22
Total:				12426.1577592

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0122Ai) :.Earth work in all kinds of soil within 50m, initial lead and 1.5m, initial lift - Earth work in all kinds of 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 direction of the Engineer-in-charge.	-	9.9	Cum
2	Concrete (AR0307) :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1 cum - 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 specification and direction of Engineer-in charge.	-	3.5415	Cum
i)	BRM340 : Cement	3.23	11.439045	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.593675	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	3.18735	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	-	22.2	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.059274	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	2.7972	1Mtr.

4	Earth Work (AR0115a) :.Filling foundation and plinth with crusher dust well watered and rammed - Filling foundation and plinth with crusher dust 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.	-	7.955	Cum
i)	BRM026 : Stone screened Dust passing through 2.36 mm sieve and retained on 0.075 mm sieve	1	7.955	1 Cum
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.	-	67.525	Sqm
i)	BRM029 : Sand for filling and road blinding	0.03	2.02575	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	67.525	1 Sqm

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	11.439045	1 Qntl.	324.872	3716.22542724
2	BRM028	1.593675	1 Cum	417.99	666.14021325
3	BRM056	3.18735	1 Cum.	1867.93	5953.7466855
4	BRM104	0.059274	1Cum.	58573.086	3471.861099564
5	BRM092	2.7972	1Mtr.	229.106	640.8553032
6	BRM026	7.955	1 Cum	607.64	4833.7762
7	BRM029	2.02575	1 Cum	413.05	836.7360375
8	BRMM287	67.525	1 Sqm	608.4	41082.21
Total: 61201.550966254					

ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0122Ai) :.Earth work in all kinds of soil within 50m, initial lead and 1.5m, initial lift - Earth work in all kinds of 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 direction of the Engineer-in-charge.	-	9.9	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.	-	3.5415	Cum
i)	BRM340 : Cement	3.23	11.439045	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.593675	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	3.18735	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	-	22.2	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.059274	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.000614	0.0136308	1Mtr.
4	Earth Work (AR0115a) :.Filling foundation and plinth with crusher dust well watered and rammed - Filling foundation and plinth with crusher dust 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.	-	7.955	Cum
i)	BRM026 : Stone screened Dust passing through 2.36 mm sieve and retained on 0.075 mm sieve	1	7.955	1 Cum
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.	-	67.525	Sqm
i)	BRM029 : Sand for filling and road blinding	0.03	2.02575	1 Cum

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	1.593675	1 Cum	319.5	509.1791625
2	BRM056	3.18735	1 Cum.	418.75	1334.7028125
3	BRM026	7.955	1 Cum	309.7	2463.6635
4	BRM029	2.02575	1 Cum	319.5	647.227125
Total:					4954.7726

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 5000	Rs. 5000

2	Contingency @ 1%	Rs. 793.36685763533
Total Addition Component Amount (in Rs.): 5793.3668576353		

DEDUCTION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Contingency @ 1%	Rs. 851.30052621168
2	Royalty @ Rs. 819.460375	Rs. 819.460375
3	Additional Royalty @ Rs. 4012.39316875	Rs. 4012.39316875
4	EMF @ Rs. 40.97301875	Rs. 40.97301875
5	DMF @ Rs. 81.9460375	Rs. 81.9460375
6	Empty Gunny Bag (Cement x Gunny Bag Rate : 0 x 3.945) @ 114.405	Rs. 114.405
7	Labour Cess @ 1%	Rs. 851.30052621168
Total Deduction Component Amount (in Rs.): 6771.7786524234		

Total Net Amount (in Rs.): 78358.273968745