

BILLING DPR							
State	Odisha	District	Kalahandi	Block	Dharamagarh	Gram Panchayat	Kadalimunda
Work Code	OD/358/3410/275646/423975/00017147 (IMPROVEMENT OF ROAD FROM KDALIMUNDA TO CG BORDER)						
Project Category	Road						
Financial Year	2024-25			Execution Level	PS		
Executing Agency	Panchayat Samiti, Dharamagarh			Bill Status	1st Bill		
Proposal Date	12-07-2024			Date of Commencement	14-05-2025		
Date of Completion	03-07-2025			Scheme Name	5th SFC Grant in Aid		
Scheme Component Name	All Weather Connectivity			Project Sub-Category	CC Road		
Project Type	Upgradation or Improvement			Name of Executant	Padmabati Senapati		

Administrative Approval Details

Approval No.	OD/358/3410/275646/423975/00017147/AS
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Technical Sanction Details

Technical Sanction No.	OD/358/3410/275646/423975/00017147/TS
Fund Sanction No.	28963
Fund Sanction Amount (in Rs.)	250000

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	5.372	200.6466	1077.8735352
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	21.9805	636.808232	13997.363343476

3	Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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.	Cum	27.1825	5297.95147106	144011.56586209
4	R.C.C. Work (AR0403A) : Reinforced cement concrete work of M-15 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-15 grade with 20mm & down grade size black hard crusher broken granite 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 and as per direction of Engineer-in charge. (excluding centring and shuttering)	Cum	15.773475	5302.3221592	83636.046020087
5	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	12	216.55039071844	2598.6046886213
Total Amount (in Rs.): 245321.45344947					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	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	-	5.372	Cum
i	Un-Skilled	0.43	2.30996	-
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.	-	21.9805	Cum

i	Un-Skilled	0.1236	2.7167898	-
3	Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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.	-	27.1825	Cum
i	Un-Skilled	3.9	106.01175	-
ii	Skilled	0.18	4.89285	-
4	R.C.C. Work (AR0403A) : Reinforced cement concrete work of M-15 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-15 grade with 20mm & down grade size black hard crusher broken granite 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 and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	15.773475	Cum
i	Un-Skilled	1.33	20.97872175	-
ii	Semi-Skilled	0.06	0.9464085	-
iii	Skilled	0.1	1.5773475	-
5	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	-	12	Sqm
i	Semi-Skilled	0.05	0.6	-
ii	Skilled	0.05	0.6	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	132.01722155	462	60991.9563561
2	Skilled	7.0701975	562	3973.450995
3	Semi-Skilled	1.5464085	512	791.761152
Total:				65757.1685031

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	-	5.372	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.	-	21.9805	Cum
i)	BRM029 : Sand for filling and road blinding	1	21.9805	1 Cum
3	Concrete (AR0303a) :.Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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.	-	27.1825	Cum
i)	BRM340 : Cement	2.29	62.247925	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	13.0476	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	26.0952	1 Cum.
4	R.C.C. Work (AR0403A) :.Reinforced cement concrete work of M-15 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-15 grade with 20mm & down grade size black hard crusher broken granite 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 and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	15.773475	Cum
i)	BRM340 : Cement	2.8	44.16573	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	7.09806375	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	5.678451	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	8.5176765	1 Cum.

5	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	-	12	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.03204	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	1.512	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	21.9805	1 Cum	478.15	10509.976075
2	BRM340	106.413655	1 Qntl.	611.157	65035.450148835
3	BRM028	20.14566375	1 Cum	483.09	9732.1687009875
4	BRM045	26.0952	1 Cum.	1193.57	31146.447864
5	BRM060	5.678451	1 Cum.	1801.21	10228.08272571
6	BRM052	8.5176765	1 Cum.	1786.21	15214.358941065
7	BRM104	0.03204	1Cum.	58668.206	1879.72932024
8	BRM092	1.512	1Mtr.	324.226	490.229712
Total: 144236.44348784					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	21.9805	1 Cum	95.25	2093.642625
2	BRM028	20.14566375	1 Cum	95.25	1918.8744721875
3	BRM045	26.0952	1 Cum.	157.5	4109.994
4	BRM060	5.678451	1 Cum.	157.5	894.3560325
5	BRM052	8.5176765	1 Cum.	157.5	1341.53404875
Total: 10358.401178437					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 1500	Rs. 1500
2	Any Other Lumpsum @ Rs. 725	Rs. 725
3	Contingency @ 1%	Rs. 2453.2145344947
Total Addition Component Amount (in Rs.): 4678.2145344947		

DEDUCTION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Contingency @ 1%	Rs. 2499.9966798396
2	Royalty @ Rs. 6712.28830625	Rs. 6712.28830625
3	Additional Royalty @ Rs. 2639.26962625	Rs. 2639.26962625
4	EMF @ Rs. 335.6144153125	Rs. 335.6144153125
5	DMF @ Rs. 671.228830625	Rs. 671.228830625
6	Empty Gunny Bag @ Rs. 844.23	Rs. 844.23
7	Labour Cess @ 1%	Rs. 2499.9966798396
Total Deduction Component Amount (in Rs.): 16202.624538117		

Total Net Amount (in Rs.): 233797.04344585