

ESTIMATION DPR							
State	Odisha	District	Dhenkanal	Block	Gondia	Gram Panchayat	Letheka

Work Code	OD/352/3351/117297/402819/00045525 (Maintenance of Road from Letheka AWC Centre to Brajabandhu Sawinn)						
Project Category	Road						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Gondia	Proposal Date	-
Date of Commencement	21-02-2026	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	New Work
Name of Executant	Sanjaya Kumar Lenka		

Administrative Approval Details

Approval No.	OD/352/3351/117297/402819/00045525/AS
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Technical Sanction Details

Technical Sanction No.	OD/352/3351/117297/402819/00045525/TS
Fund Sanction No.	32004
Fund Sanction Amount (in Rs.)	200000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & plinth 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</p>	Cum	21.54075	240.77592	71120.381602831
2	<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	13.6145	1078.481232	71120.381602831

3	<p>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) 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	18.0905	5504.97352234	71120.381602831
4	<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>	Sqm	20.515	216.23489289764	71120.381602831

5	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.	Cum	10.210875	6965.16034158	71120.381602831
Total Amount (in Rs.): 195013.64056832					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement Qty)	Unit
1	Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & plinth 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	-	21.54075	Cum

	i	Un-Skilled	0.516	11.115027	-
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.	-	13.6145	Cum
	i	Un-Skilled	0.1236	1.6827522	-
3		Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) 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.	-	18.0905	Cum
	i	Skilled	0.18	3.25629	-
	ii	Un-Skilled	3.9	70.55295	-

4	<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>	-	20.515	Sqm
i	Semi-Skilled	0.05	1.02575	-
ii	Skilled	0.05	1.02575	-
5	<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>	-	10.210875	Cum
i	Un-Skilled	4.6	46.970025	-
ii	Skilled	0.68	6.943395	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	130.3207542	462	60208.1884404
1	Skilled	11.225435	562	6308.69447
2	Semi-Skilled	1.02575	512	525.184
				Total: 67042.0669104

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & plinth 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	-	21.54075	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.	-	13.6145	Cum
i)	BRM029 : Sand for filling and road blinding	1	13.6145	1 Cum

3	<p>Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) 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>	-	18.0905	Cum
i)	BRM340 : Cement	2.29	41.427245	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	8.68344	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	17.36688	1 Cum.
4	<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>	-	20.515	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.05477505	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	2.58489	1Mtr.

5	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.	-	10.210875	Cum
i)	BRM340 : Cement	3.23	32.98112625	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	4.59489375	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	9.1897875	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	13.6145	1 Cum	673.45	9168.685025
2	BRM340	74.40837125	1 Qntl.	553.802	41207.504814992
3	BRM028	13.27833375	1 Cum	678.39	9007.8888326625
4	BRM044	17.36688	1 Cum.	1336.36	23208.4037568
5	BRM104	0.05477505	1Cum.	58573.086	3208.3437143043
6	BRM092	2.58489	1Mtr.	229.106	592.21380834
7	BRM056	9.1897875	1 Cum.	1737.73	15969.369432375
Total: 102362.40938447					

ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<p>Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & plinth 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</p>	-	21.54075	Cum
2	<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>	-	13.6145	Cum
i)	BRM029 : Sand for filling and road blinding	1	13.6145	1 Cum
3	<p>Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) 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>	-	18.0905	Cum
i)	BRM340 : Cement	2.29	41.427245	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	8.68344	1 Cum

iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	17.36688	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	-	20.515	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.05477505	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.000614	0.01259621	1Mtr.
5	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.	-	10.210875	Cum
i)	BRM340 : Cement	3.23	32.98112625	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	4.59489375	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	9.1897875	1 Cum.
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S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	13.6145	1 Cum	337.25	4591.490125
2	BRM028	13.27833375	1 Cum	337.25	4478.1180571875
3	BRM044	17.36688	1 Cum.	305.5	5305.58184
4	BRM056	9.1897875	1 Cum.	305.5	2807.48008125
Total: 17182.670103438					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 1950.1364056832
2	Display Citizen Board @ Rs. 2000	Rs. 2000
3	Any Other Lumpsum @ Rs. 1036.22	Rs. 1036.22
Total Addition Component Amount (in Rs.): 4986.3564056832		

Total Net Amount (in Rs.): 199999.996974