

ESTIMATION DPR							
State	Odisha	District	Kalahandi	Block	Madanpur Rampur	Gram Panchayat	M.Rampur

Work Code	OD/358/3419/118814/422708/00055148 (CONSTRUCTION OF CC ROAD AND DRAIN FROM LALU BARIK GALI TO HARI HAR SAGAR, M.RAMPUR. CR NO- 11/23-24)
Project Category	Road

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Madanpur Rampur	Proposal Date	-
Date of Commencement	22-09-2025	Date of Completion	23-09-2025
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	JE NAYAN		

Administrative Approval Details

Approval No.	OD/358/3419/118814/422708/00055148/AS
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Technical Sanction Details

Technical Sanction No.	OD/358/3419/118814/422708/00055148/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	200000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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.	Cum	8	623.678232	5189.6374295434

2	<p>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.</p>	Cum	21.85	5581.50398166	5189.6374295434
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3	<p>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)</p>	Cum	10.95	5588.5452512	5189.6374295434
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	24	216.23489289764	5189.6374295434

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement 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.	-	8	Cum
	i Un-Skilled	0.1236	0.9888	-
2	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.	-	21.85	Cum
	i Un-Skilled	3.9	85.215	-
	ii Skilled	0.18	3.933	-

3	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)	-	10.95	Cum
i	Un-Skilled	1.33	14.5635	-
ii	Semi-Skilled	0.06	0.657	-
iii	Skilled	0.1	1.095	-

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	-	24	Sqm
i	Semi-Skilled	0.05	1.2	-
ii	Skilled	0.05	1.2	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	100.7673	462	46554.4926
1	Skilled	6.228	562	3500.136
2	Semi-Skilled	1.857	512	950.784
Total: 51005.4126				

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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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.	-	8	Cum
i)	BRM029 : Sand for filling and road blinding	1	8	1 Cum
2	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.	-	21.85	Cum
i)	BRM340 : Cement	2.29	50.0365	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	10.488	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	20.976	1 Cum.

3	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)	-	10.95	Cum
i)	BRM340 : Cement	2.8	30.66	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	4.9275	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	3.942	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	5.913	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	-	24	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.06408	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	3.024	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	8	1 Cum	478.15	3825.2
2	BRM340	80.6965	1 Qntl.	642.071	51812.8824515
3	BRM028	15.4155	1 Cum	483.09	7447.073895
4	BRM045	20.976	1 Cum.	1323.77	27767.39952
5	BRM060	3.942	1 Cum.	1931.41	7613.61822
6	BRM052	5.913	1 Cum.	1916.41	11331.73233
7	BRM104	0.06408	1Cum.	58573.086	3753.36335088
8	BRM092	3.024	1Mtr.	229.106	692.816544
Total: 114244.08631138					

ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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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.	-	8	Cum
i)	BRM029 : Sand for filling and road blinding	1	8	1 Cum
2	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.	-	21.85	Cum
i)	BRM340 : Cement	2.29	50.0365	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	10.488	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	20.976	1 Cum.

3	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)	-	10.95	Cum
i)	BRM340 : Cement	2.8	30.66	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	4.9275	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	3.942	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	5.913	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	-	24	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.06408	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.000614	0.014736	1Mtr.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	8	1 Cum	82.25	658
2	BRM028	15.4155	1 Cum	82.25	1267.924875
3	BRM045	20.976	1 Cum.	252.5	5296.44
4	BRM060	3.942	1 Cum.	252.5	995.355
5	BRM052	5.913	1 Cum.	252.5	1493.0325
Total: 9710.752375					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 1933.2949578545
2	Display Citizen Board @ Rs. 1500	Rs. 1500
3	Any Other Lumpsum @ Rs. 3237.2	Rs. 3237.2
Total Addition Component Amount (in Rs.): 6670.4949578545		

Total Net Amount (in Rs.): 199999.99074331