

ESTIMATION DPR							
State	Odisha	District	Kalahandi	Block	Jayapatna	Gram Panchayat	Bandigaon

Work Code	OD/358/3412/118674/424120/00053652 (CONSTRUCTION OF CC ROAD FROM AMJORE BANDHPADA TO NUAPADA)						
Project Category	Road						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Jayapatna	Proposal Date	-
Date of Commencement	12-03-2026	Date of Completion	08-04-2026
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	All Weather Connectivity
Project Sub-Category	CC Road	Project Type	New Work
Name of Executant	SUDEEP KUMAR ROUT		

Administrative Approval Details

Approval No.	OD/358/3412/118674/424120/00053652/AS
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Technical Sanction Details

Technical Sanction No.	OD/358/3412/118674/424120/00053652/TS
Fund Sanction No.	1752
Fund Sanction Amount (in Rs.)	300000

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	4.84	240.77592	45219.709076357
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	22.0825	581.258232	45219.709076357

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	22.0825	5451.37527866	45219.709076357
4	<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 specifcaion and direction of Engineer-in charge.</p>	Cum	16.561875	6984.42284342	45219.709076357

5	R.C.C. Work (AR0410f) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor in ground floor R.C.C. walls and fins including attached pilasters	Sqm	48.4	934.29150984209	45219.709076357
Total Amount (in Rs.): 295275.83210817					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement 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	-	4.84	Cum
i	Un-Skilled	0.516	2.49744	-

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>	-	22.0825	Cum
i	Un-Skilled	0.1236	2.729397	-
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>	-	22.0825	Cum
i	Skilled	0.18	3.97485	-
ii	Un-Skilled	3.9	86.12175	-

4	<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 specifaion and direction of Engineer-in charge.</p>	-	16.561875	Cum
i	Un-Skilled	4.6	76.184625	-
ii	Skilled	0.68	11.262075	-
5	<p>R.C.C. Work (AR0410f) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - 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 in ground floor R.C.C. walls and fins including attached pilasters</p>	-	48.4	Sqm
i	Semi-Skilled	0.56485355648536	27.338912133891	-
ii	Skilled	0.56485355648536	27.338912133891	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	167.533212	462	77400.343944
1	Skilled	42.575837133891	562	23927.620469247
2	Semi-Skilled	27.338912133891	512	13997.523012552
Total: 115325.4874258				

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	-	4.84	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.	-	22.0825	Cum
i)	BRM029 : Sand for filling and road blinding	1	22.0825	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>	-	22.0825	Cum
i)	BRM340 : Cement	2.29	50.568925	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	10.5996	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	21.1992	1 Cum.
4	<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>	-	16.561875	Cum
i)	BRM340 : Cement	3.23	53.49485625	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	7.45284375	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	14.9056875	1 Cum.
5	R.C.C. Work (AR0410f) :.Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - 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 in ground floor R.C.C. walls and fins including attached pilasters	-	48.4	Sqm
i)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	0.42175732217573	20.413054393305	1Mtr.
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0051171548117155	0.24767029288703	1Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	22.0825	1 Cum	478.15	10558.747375
2	BRM340	104.06378125	1 Qntl.	608.557	63328.742526156
3	BRM028	18.05244375	1 Cum	483.09	8720.9550511875
4	BRM044	21.1992	1 Cum.	1531.66	32469.966672
5	BRM056	14.9056875	1 Cum.	1933.03	28813.141108125
6	BRM094	20.413054393305	1Mtr.	240.106	4901.296838159
7	BRM104	0.24767029288703	1Cum.	58573.086	14506.813364917
Total:					163299.66293554

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 (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	-	4.84	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.	-	22.0825	Cum
i)	BRM029 : Sand for filling and road blinding	1	22.0825	1 Cum
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.	-	22.0825	Cum
i)	BRM340 : Cement	2.29	50.568925	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	10.5996	1 Cum

iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	21.1992	1 Cum.
4	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.	-	16.561875	Cum
i)	BRM340 : Cement	3.23	53.49485625	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	7.45284375	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	14.9056875	1 Cum.
5	R.C.C. Work (AR0410f) :.Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - 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 in ground floor R.C.C. walls and fins including attached pilasters	-	48.4	Sqm
i)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	0.0051799163179916	0.25070794979079	1Mtr.

ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0051171548117155	0.24767029288703	1Cum.
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S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	22.0825	1 Cum	40.25	888.820625
2	BRM028	18.05244375	1 Cum	40.25	726.6108609375
3	BRM044	21.1992	1 Cum.	149.5	3169.2804
4	BRM056	14.9056875	1 Cum.	149.5	2228.40028125
Total: 7013.1121671875					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 0.5%	Rs. 1476.3791605409
2	Display Citizen Board @ Rs. 3247	Rs. 3247
Total Addition Component Amount (in Rs.): 4723.3791605408		

Total Net Amount (in Rs.): 299999.21126871