

ESTIMATION DPR

State	Odisha	District	Koraput	Block	Nandapur	Gram Panchayat	Nandaka
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Work Code	OD/363/3476/119883/430082/00035664 (CONST OF PAVER BLOCK ROAD AT DUMURIGUDA)
Project Category	Road

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Nandapur	Proposal Date	-
Date of Commencement	31-12-2025	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	All Weather Connectivity
Project Sub-Category	Pavor Block	Project Type	New Work
Name of Executant	Rajesh Kumar Khosla		

Administrative Approval Details

Approval No.	OD/363/3476/119883/430082/00035664/AS
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Technical Sanction Details

Technical Sanction No.	OD/363/3476/119883/430082/00035664/TS
Fund Sanction No.	34188
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	11.7	240.77592	5465.0203911888
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	20.1	848.302232	5465.0203911888

3	<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>	Cum	19.62	7393.1231491	5465.0203911888
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4	<p>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.</p>	Sqm	201	631.884	5465.0203911888
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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	25.2	216.86588853924	5465.0203911888
Total Amount (in Rs.): 297394.73370373					

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	-	11.7	Cum
i	Un-Skilled	0.516	6.0372	-

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.	-	20.1	Cum
i	Un-Skilled	0.1236	2.48436	-
3	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.	-	19.62	Cum
i	Un-Skilled	4.6	90.252	-
ii	Skilled	0.68	13.3416	-

4	<p>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.</p>	-	201	Sqm
5	<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>	-	25.2	Sqm
i	Semi-Skilled	0.05	1.26	-
ii	Skilled	0.05	1.26	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	98.77356	462	45633.38472
1	Skilled	14.6016	562	8206.0992
2	Semi-Skilled	1.26	512	645.12
Total: 54484.60392				

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	-	11.7	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.	-	20.1	Cum
i)	BRM029 : Sand for filling and road blinding	1	20.1	1 Cum

3	<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>	-	19.62	Cum
i)	BRM340 : Cement	3.23	63.3726	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	8.829	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	17.658	1 Cum.

4	<p>miscellaneous(ARM28 7) :.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 -</p> <p>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.</p>	-	201	Sqm
i)	BRM029 : Sand for filling and road blinding	0.03	6.03	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	201	1 Sqm

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	-	25.2	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.067284	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	3.1752	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	26.13	1 Cum	738.55	19298.3115
2	BRM340	63.3726	1 Qntl.	596.067	37774.3155642
3	BRM028	8.829	1 Cum	742.47	6555.26763
4	BRM056	17.658	1 Cum.	2258.53	39881.12274
5	BRMM287	201	1 Sqm	608.4	122288.4
6	BRM104	0.067284	1Cum.	58763.326	3953.831626584
7	BRM092	3.1752	1Mtr.	419.346	1331.5074192
Total: 231082.75647998					

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>	-		11.7	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>	-		20.1	Cum
i)	<p>BRM029 : Sand for filling and road blinding</p>	1		20.1	1 Cum
3	<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>	-		19.62	Cum
i)	<p>BRM340 : Cement</p>	3.23		63.3726	1 Qntl.
ii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.45		8.829	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	17.658	1 Cum.
4	miscellaneous(ARM28 7) :.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.	-	201	Sqm
i)	BRM029 : Sand for filling and road blinding	0.03	6.03	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	-	25.2	Sqm

i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.067284	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.000614	0.0154728	1Mtr.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	26.13	1 Cum	44.25	1156.2525
2	BRM028	8.829	1 Cum	44.25	390.68325
3	BRM056	17.658	1 Cum.	202.5	3575.745
Total: 5122.68075					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 2605	Rs. 2605
Total Addition Component Amount (in Rs.): 2605		

Total Net Amount (in Rs.): 299999.73370373