

ESTIMATION DPR

State	Odisha	District	Nayagarh	Block	Nayagarh	Panchayat	Champatipur
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Work Code	OD/367/3527/120660/406280/00013781 (DEV. OF KADALIBASTA TO UDANDA C.C.ROAD)
Project Category	Road

Financial Year	2022-23	Execution Level	Champatipur, G.P
Executing Agency	Panchayat Samiti, Nayagarh	Proposal Date	17-11-2023
Date of Commencement	-	Date of Completion	
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			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	404
Fund Sanction Amount (in Rs.)	150000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p style="text-align: center;">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	11.68	779.535372	9104.97314496
2	<p style="text-align: center;">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	11.68	5130.2318043	59921.107474224

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.	Cum	11.6581	6905.5061581	80505.081341746
Total Amount (in Rs.): 149531.16196093					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<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>	11.68	779.535372	Cum
i	Un-Skilled	0.1236	1.443648	-
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>	11.68	5130.2318043	Cum
i	Un-Skilled	3.9	45.552	-

	ii	Skilled	0.18	2.1024	-
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.	11.6581	6905.5061581	Cum
	i	Un-Skilled	4.6	53.62726	-
	ii	Skilled	0.68	7.927508	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
2	Un-Skilled	100.622908	452	45481.554416
4	Skilled	10.029908	552	5536.509216
Total: 51018.063632				

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement 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.	-	11.68	Cum
i)	BRM029 : Sand for filling and road blinding	1	11.68	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.	-	11.68	Cum
i)	BRM340 : Cement	2.29	26.7472	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	5.6064	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	11.2128	1 Cum.

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.	-	11.6581	Cum
i)	BRM340 : Cement	3.23	37.655663	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	5.246145	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	10.49229	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	11.68	1 Cum	410.7	4796.976
2	BRM340	64.402863	1 Qntl.	579.287	37307.741298681
3	BRM028	10.852545	1 Cum	417.13	4526.92209585
4	BRM045	11.2128	1 Cum.	1038.44	11643.820032
5	BRM056	10.49229	1 Cum.	1672.63	17549.7190227
Total: 75825.178449231					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	11.68	1 Cum	305.25	3565.32
2	BRM028	10.852545	1 Cum	305.25	3312.73936125
3	BRM045	11.2128	1 Cum.	199.5	2236.9536
4	BRM056	10.49229	1 Cum.	199.5	2093.211855
Total: 11208.22481625					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 468	Rs. 468
Total Addition Component Amount (in Rs.): 468		

Total Net Amount (in Rs.): 149999.16196093