

ESTIMATION DPR							
State	Odisha	District	Nayagarh	Block	Nayagarh	Panchayat	Machhipada
Work Code	OD/367/3527/120716/406410/00013751 (MAINT. & IMP OF PWD ROAD TO AGNI USHAV ROAD)						
Project Category	Road						
Financial Year	2023-24			Execution Level	Machhipada, 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	Maintenance and improvement of Road infrastructure		
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.	324
Fund Sanction Amount (in Rs.)	159826

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	6.229696	779.535372	4856.2683888069
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	12.848748	5130.2318043	65917.055635036

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.	6.229696	Cubic Meter	0.1236	0.769990425 6	-	-
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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>	12.848748	Cubic Meter	3.9	50.1101172	0.18	2.31277464
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3	<p>Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -</p> <p>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 and as per direction of Engineer-in charge.</p>	12.83435740 224	Cubic Meter	4.6	59.03804405 0304	0.68	8.727363033 5232
Total Qty				109.9181516759		11.040137673523	
Rate Per Man Day				452		552	
Total Amount				49683.004557509		6094.1559957848	
Total Labour Amount (in Rs.): 55777.160553293							

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.	-	6.229696	Cum
i)	BRM029 : Sand for filling and road blinding	1	6.229696	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.	-	12.848748	Cum
i)	BRM340 : Cement	2.29	29.42363292	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	6.16739904	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	12.33479808	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 and as per direction of Engineer-in charge.	-	12.83435740224	Cum
i)	BRM340 : Cement	3.23	41.454974409235	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	5.775460831008	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	11.550921662016	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	6.229696	1 Cum	410.7	2558.5361472
2	BRM340	70.878607329235	1 Qntl.	579.287	41059.055803931
3	BRM028	11.942859871008	1 Cum	417.13	4981.7251379936
4	BRM045	12.33479808	1 Cum.	1038.44	12808.947718195
5	BRM056	11.550921662016	1 Cum.	1672.63	19320.418099538
Total: 80728.682906857					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	6.229696	1 Cum	305.25	1901.614704
2	BRM028	11.942859871008	1 Cum	305.25	3645.5579756252
3	BRM045	12.33479808	1 Cum.	199.5	2460.79221696
4	BRM056	11.550921662016	1 Cum.	199.5	2304.4088715722
Total: 10312.373768157					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 424.5	Rs. 424.5
Total Addition Component Amount (in Rs.): 424.5		

Total Net Amount (in Rs.): 159825.55810027