

ESTIMATION DPR

State	Odisha	District	Puri	Block	Sadar	Panchayat	Ganganarayanpur
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Work Code	OD/369/3545/275344/409735/00013581 (Imp. Of Road from Ganganarayanapur UGME School to High School)
Project Category	Road

Financial Year	2022-23	Execution Level	Ganganarayanpur, G.P
Executing Agency	Panchayat Samiti, Sadar	Proposal Date	15-07-2021
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	Upgradation or Improvement
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	11088
Fund Sanction Amount (in Rs.)	100000

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	6.6	697.058772	4600.5878952
2	<p style="text-align: center;">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	6.6	6220.24207318	41053.597682988

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.	6.6	Cubic Meter	0.1236	0.81576	-	-
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2	<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>	6.6	Cubic Meter	3.9	25.74	0.18	1.188
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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>	6.6	Cubic Meter	4.6	30.36	0.68	4.488
Total Qty					56.91576		5.676
Rate Per Man Day					452		552
Total Amount					25725.92352		3133.152
Total Labour Amount (in Rs.): 28859.07552							

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.	-	6.6	Cum
i)	BRM029 : Sand for filling and road blinding	1	6.6	1 Cum
2	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.	-	6.6	Cum
i)	BRM340 : Cement	2.29	15.114	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	3.168	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	6.336	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.	-	6.6	Cum
i)	BRM340 : Cement	3.23	21.318	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	2.97	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	5.94	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	6.6	1 Cum	518.79	3424.014
2	BRM340	36.432	1 Qntl.	596.333	21725.603856
3	BRM028	6.138	1 Cum	715.57	4392.16866
4	BRM044	6.336	1 Cum.	1938.91	12284.93376
5	BRM056	5.94	1 Cum.	2350.53	13962.1482
Total: 55788.868476					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	6.6	1 Cum	115.5	762.3
2	BRM028	6.138	1 Cum	115.5	708.939
3	BRM044	6.336	1 Cum.	320	2027.52
4	BRM056	5.94	1 Cum.	320	1900.8
Total: 5399.559					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1000	Rs. 1000
2	Display Citizen Board @ Rs. 1500	Rs. 1500
3	Any Other Lumpsum @ Rs. 700	Rs. 700
Total Addition Component Amount (in Rs.): 3200		

Total Net Amount (in Rs.): 99987.598165544