

ESTIMATION DPR							
State	Odisha	District	Puri	Block	Satyabadi	Gram Panchayat	Sukal

Work Code	OD/369/3546/121105/409700/00061767 (Const of CC Road from GP Road to Crematorium Ground Road)						
Project Category	Road						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Satyabadi	Proposal Date	31-12-2024
Date of Commencement	23-10-2025	Date of Completion	28-11-2025
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	NILIMA MOHANTY		

Administrative Approval Details

Approval No.	OD/369/3546/121105/409700/00061767/AS
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Technical Sanction Details

Technical Sanction No.	OD/369/3546/121105/409700/00061767/TS
Fund Sanction No.	31142
Fund Sanction Amount (in Rs.)	186532

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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.	Cum	44.3475	605.053832	29699.582338852

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>	Cum	4.015	6012.9317275	29699.582338852
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 specifcaion and direction of Engineer-in charge.</p>	Cum	4.015	7397.15624878	29699.582338852
Total Amount (in Rs.): 80674.128039384					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement 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.	-	44.3475	Cum
	i Un-Skilled	0.1236	5.481351	-
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.	-	4.015	Cum
	i Skilled	0.18	0.7227	-
	ii Un-Skilled	3.9	15.6585	-

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 specifaion and direction of Engineer-in charge.	-	4.015	Cum
i	Un-Skilled	4.6	18.469	-
ii	Skilled	0.68	2.7302	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	39.608851	462	18299.289162
1	Skilled	3.4529	562	1940.5298
Total: 20239.818962				

MATERIAL 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 (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.	-	44.3475	Cum
i)	BRM029 : Sand for filling and road blinding	1	44.3475	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.	-	4.015	Cum
i)	BRM340 : Cement	2.29	9.19435	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	1.9272	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	3.8544	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 specifaion and direction of Engineer-in charge.	-	4.015	Cum
i)	BRM340 : Cement	3.23	12.96845	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.80675	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	3.6135	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	44.3475	1 Cum	466.71	20697.421725
2	BRM340	22.1628	1 Qntl.	589.887	13073.5476036
3	BRM028	3.73395	1 Cum	481.21	1796.8140795
4	BRM044	3.8544	1 Cum.	1846.91	7118.729904
5	BRM056	3.6135	1 Cum.	2258.53	8161.198155
Total: 50847.7114671					

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 (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.	-	44.3475	Cum
i)	BRM029 : Sand for filling and road blinding	1	44.3475	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.	-	4.015	Cum
i)	BRM340 : Cement	2.29	9.19435	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	1.9272	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	3.8544	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 specifaion and direction of Engineer-in charge.	-	4.015	Cum
i)	BRM340 : Cement	3.23	12.96845	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.80675	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	3.6135	1 Cum.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	44.3475	1 Cum	75.25	3337.149375
2	BRM028	3.73395	1 Cum	75.25	280.9797375
3	BRM044	3.8544	1 Cum.	309.5	1192.9368
4	BRM056	3.6135	1 Cum.	309.5	1118.37825
Total: 5929.4441625					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 705	Rs. 705
2	Display Citizen Board @ Rs. 1374	Rs. 1374

3	Any Other Lumpsum @ Rs. 1865	Rs. 1865
Total Addition Component Amount (in Rs.): 3944		

Total Net Amount (in Rs.): 84618.128039384