

ESTIMATION DPR							
State	Odisha	District	Nayagarh	Block	Nayagarh	Panchayat	Champatipur
Work Code	OD/367/3527/120660/406280/00013758 (MAINT. & IMP OF NISANK SAHI ROAD)						
Project Category	Road						
Financial Year	2023-24	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		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;">Site Clearance (AR1402) : Clearing grass and removal of rubbish up to a distance of 50 metres outside - Clearing grass and removal of rubbish up to a distance of 50 metres outside the periphery of the area and as per direction of Engineer-in-Charge.</p>	Sqm	122.74	2.384004	292.61265096
2	<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	12.274	779.535372	9568.017155928

3	<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>	Cum	12.274	5130.2318043	62968.465165978
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4	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	12.2132	6905.5061581	84338.327810107
Total Amount (in Rs.): 157167.42278297					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	Site Clearance (AR1402) : Clearing grass and removal of rubbish up to a distance of 50 metres outside - Clearing grass and removal of rubbish up to a distance of 50 metres outside the periphery of the area and as per direction of Engineer-in-Charge.	122.74	2.384004	Sqm
i	Un-Skilled	0.005	0.6137	-
ii	Semi-Skilled	0.0002	0.024548	-
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.	12.274	779.535372	Cum
i	Un-Skilled	0.1236	1.5170664	-

3	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.	12.274	5130.2318043	Cum
i	Un-Skilled	3.9	47.8686	-
ii	Skilled	0.18	2.20932	-

4	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.	12.2132	6905.5061581	Cum
i	Un-Skilled	4.6	56.18072	-
ii	Skilled	0.68	8.304976	-
Sl.No.	Labour Type	Qty Unit	Rate	Amount
2	Un-Skilled	106.1800864	452	47993.3990528
3	Semi-Skilled	0.024548	502	12.323096
4	Skilled	10.514296	552	5803.891392
Total: 53809.6135408				

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Site Clearance (AR1402) :.Clearing grass and removal of rubbish up to a distance of 50 metres outside - Clearing grass and removal of rubbish up to a distance of 50 metres outside the periphery of the area and as per direction of Engineer-in-Charge.	-	122.74	Sqm
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.	-	12.274	Cum
i)	BRM029 : Sand for filling and road blinding	1	12.274	1 Cum

3	<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>	-	12.274	Cum
i)	BRM340 : Cement	2.29	28.10746	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	5.89152	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	11.78304	1 Cum.
4	<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>	-	12.2132	Cum

i)	BRM340 : Cement	3.23	39.448636	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	5.49594	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	10.99188	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	12.274	1 Cum	410.7	5040.9318
2	BRM340	67.556096	1 Qntl.	579.287	39134.368183552
3	BRM028	11.38746	1 Cum	417.13	4750.0511898
4	BRM045	11.78304	1 Cum.	1038.44	12235.9800576
5	BRM056	10.99188	1 Cum.	1672.63	18385.3482444
Total: 79546.679475352					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	12.274	1 Cum	305.25	3746.6385
2	BRM028	11.38746	1 Cum	305.25	3476.022165
3	BRM045	11.78304	1 Cum.	199.5	2350.71648
4	BRM056	10.99188	1 Cum.	199.5	2192.88006
Total: 11766.257205					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 1000	Rs. 1000
2	Any Other Lumpsum @ Rs. 1658.57	Rs. 1658.57

Total Addition Component Amount (in Rs.): 2658.57

Total Net Amount (in Rs.): 159825.99278297