

ESTIMATION DPR							
State	Odisha	District	Nayagarh	Block	Nayagarh	Panchayat	Notar
Work Code	OD/367/3527/120676/406661/00015276 (Maint & Imp of Kestapada Bhelei Bandha road)						
Project Category	Road						
Financial Year	2022-23	Execution Level		Notar, G.P			
Executing Agency	Panchayat Samiti, Nayagarh	Proposal Date		-			
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.	
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 (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge</p>	Cum	2.16	235.56432	508.8189312
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	6.56	779.535372	5113.75204032

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	13.12	5130.2318043	67308.641272416
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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 specificaion and direction of Engineer-in charge.</p>	Cum	11.6581	6905.5061581	80505.081341746
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5	<p style="text-align: center;">R.C.C.</p> <p>Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</p>	Sqm	16	215.22489289764	3443.5982863622
Total Amount (in Rs.): 156879.89187204					

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 (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge</p>	2.16	235.56432	Cum
i	Un-Skilled	0.516	1.11456	-
2	<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>	6.56	779.535372	Cum
i	Un-Skilled	0.1236	0.810816	-

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.	13.12	5130.2318043	Cum
i	Un-Skilled	3.9	51.168	-
ii	Skilled	0.18	2.3616	-

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

5	R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc	16	215.22489289764	Sqm
i	Semi-Skilled	0.05	0.8	-
ii	Skilled	0.05	0.8	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
2	Un-Skilled	106.720636	452	48237.727472
4	Skilled	11.089108	552	6121.187616
3	Semi-Skilled	0.8	502	401.6
Total: 54760.515088				

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<p>Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge</p>	-	2.16	Cum
2	<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>	-	6.56	Cum
i)	<p>BRM029 : Sand for filling and road blinding</p>	1	6.56	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>	-	13.12	Cum
i)	BRM340 : Cement	2.29	30.0448	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	6.2976	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	12.5952	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>	-	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.
5	R.C.C. Work (AR0410c) :R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc	-	16	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.04272	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	2.016	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	6.56	1 Cum	410.7	2694.192
2	BRM340	67.700463	1 Qntl.	579.287	39217.998109881
3	BRM028	11.543745	1 Cum	417.13	4815.24235185
4	BRM045	12.5952	1 Cum.	1038.44	13079.359488

5	BRM056	10.49229	1 Cum.	1672.63	17549.7190227
6	BRM104	0.04272	1Cum.	58573.086	2502.24223392
7	BRM092	2.016	1Mtr.	229.106	461.877696
Total: 80320.630902351					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	6.56	1 Cum	305.25	2002.44
2	BRM028	11.543745	1 Cum	305.25	3523.72816125
3	BRM045	12.5952	1 Cum.	199.5	2512.7424
4	BRM056	10.49229	1 Cum.	199.5	2093.211855
Total: 10132.12241625					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 2946	Rs. 2946
Total Addition Component Amount (in Rs.): 2946		

Total Net Amount (in Rs.): 159825.89187204