

ESTIMATION DPR							
State	Odisha	District	Nuapada	Block	Nuapada	Gram Panchayat	Amanara

Work Code	OD/368/3534/120826/421685/00016865 (Imp.of Road with cc-Gr-ii Metaling from Amanara Koten Chhak to Gp Office Amanara)						
Project Category	Road						

Financial Year	2024-25	Execution Level	ps
Executing Agency	Panchayat Samiti, Nuapada	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	Mettalling 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.	1130
Fund Sanction Amount (in Rs.)	400000

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	7.3	487.958472	3562.0968456
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	14.6	5307.37530636	77487.679472856

3	<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	33.8605	215.69813962884	7303.6468569023
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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	43.5454125	6868.78550932	299104.09837736
Total Amount (in Rs.): 387457.52155272					

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 (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>	-	7.3	Cum
i	Un-Skilled	0.1236	0.90228	-
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>	-	14.6	Cum
i	Skilled	0.18	2.628	-
ii	Un-Skilled	3.9	56.94	-

3	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	-	33.8605	Sqm
i	Semi-Skilled	0.05	1.693025	-
ii	Skilled	0.05	1.693025	-

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>	-	43.5454125	Cum
i	Un-Skilled	4.6	200.3088975	-
ii	Skilled	0.68	29.6108805	-
Sl.No.	Labour Type	Qty Unit	Rate	Amount
2	Un-Skilled	258.1511775	452	116684.33223
4	Skilled	33.9319055	552	18730.411836
3	Semi-Skilled	1.693025	502	849.89855
Total: 136264.642616				

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.	-	7.3	Cum
i)	BRM029 : Sand for filling and road blinding	1	7.3	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.	-	14.6	Cum
i)	BRM340 : Cement	2.29	33.434	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	7.008	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	14.016	1 Cum.

3	<p>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</p>	-	33.8605	Sqm
i)	<p>BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)</p>	0.00267	0.090407535	1Cum.
ii)	<p>BRM092 : Non-sal bullahs 75mm. mean dia of any length.</p>	0.126	4.266423	1Mtr.
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>	-	43.5454125	Cum
i)	<p>BRM340 : Cement</p>	3.23	140.651682375	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	19.595435625	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	39.19087125	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	7.3	1 Cum	387.01	2825.173
2	BRM340	174.085682375	1 Qntl.	589.502	102623.85793143
3	BRM028	26.603435625	1 Cum	391.95	10427.216593219
4	BRM044	14.016	1 Cum.	1336.36	18730.42176
5	BRM104	0.090407535	1Cum.	58715.766	5308.3476696968
6	BRM092	4.266423	1Mtr.	371.786	1586.196341478
7	BRM056	39.19087125	1 Cum.	1737.73	68103.152697262
Total: 209604.36599308					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	7.3	1 Cum	40.25	293.825
2	BRM028	26.603435625	1 Cum	57.43	1527.8353079437
3	BRM044	14.016	1 Cum.	201.5	2824.224
4	BRM056	39.19087125	1 Cum.	201.5	7896.960556875
Total: 12542.844864819					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 3874.5752155272

2	Display Citizen Board @ Rs. 3500	Rs. 3500
3	Any Other Lumpsum @ Rs. 5100	Rs. 5100
Total Addition Component Amount (in Rs.): 12474.575215527		

Total Net Amount (in Rs.): 399932.09676825