

ESTIMATION DPR							
State	Odisha	District	Nuapada	Block	Nuapada	Gram Panchayat	Chulabhat

Work Code	OD/368/3534/120835/421746/00016854 (Imp.of Road with cc/Gr-ii Metaling of Bhaisadadar pandey pada roadd)
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.)	200000

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 (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil 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	7	200.6466	1404.5262
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	15.0075	572.309632	8588.93680224

3	<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	17.595	5289.55218784	93069.670745045
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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	13.19625	6794.06881608	89656.230614196
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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	8.925	216.23489289764	1929.8964191114
Total Amount (in Rs.): 194649.26078059					

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 (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil 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>	-	7	Cum
i	Un-Skilled	0.43	3.01	-
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>	-	15.0075	Cum
i	Un-Skilled	0.1236	1.854927	-

3	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.	-	17.595	Cum
i	Skilled	0.18	3.1671	-
ii	Un-Skilled	3.9	68.6205	-

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.	-	13.19625	Cum
i	Un-Skilled	4.6	60.70275	-
ii	Skilled	0.68	8.97345	-

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	-	8.925	Sqm
i	Semi-Skilled	0.05	0.44625	-
ii	Skilled	0.05	0.44625	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
2	Un-Skilled	134.188177	462	61994.937774
4	Skilled	12.5868	562	7073.7816
3	Semi-Skilled	0.44625	512	228.48
Total: 69297.199374				

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 (AR0102a) :.Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift -</p> <p>Earth work in hard soil or gravelly soil 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>	-	7	Cum
2	<p>Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed -</p> <p>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>	-	15.0075	Cum
i)	<p>BRM029 : Sand for filling and road blinding</p>	1	15.0075	1 Cum

3	<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>	-	17.595	Cum
i)	BRM340 : Cement	2.29	40.29255	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	8.4456	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	16.8912	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>	-	13.19625	Cum

i)	BRM340 : Cement	3.23	42.6238875	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	5.9383125	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	11.876625	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	-	8.925	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.02382975	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	1.12455	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	15.0075	1 Cum	452.11	6785.040825
2	BRM340	82.9164375	1 Qntl.	540.182	44789.967041625
3	BRM028	14.3839125	1 Cum	457.05	6574.167208125
4	BRM044	16.8912	1 Cum.	1401.46	23672.341152

5	BRM056	11.876625	1 Cum.	1802.83	21411.53584875
6	BRM104	0.02382975	1Cum.	58573.086	1395.7819961085
7	BRM092	1.12455	1Mtr.	229.106	257.6411523
Total: 104886.47522391					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	15.0075	1 Cum	57.43	861.880725
2	BRM028	14.3839125	1 Cum	57.43	826.068094875
3	BRM044	16.8912	1 Cum.	201.5	3403.5768
4	BRM056	11.876625	1 Cum.	201.5	2393.1399375
Total: 7484.665557375					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 1946.4926078059
2	Display Citizen Board @ Rs. 2200	Rs. 2200
3	Any Other Lumpsum @ Rs. 1124	Rs. 1124
Total Addition Component Amount (in Rs.): 5270.4926078059		

Total Net Amount (in Rs.): 199919.7533884