

ESTIMATION DPR							
State	Odisha	District	Cuttack	Block	Baranga	Gram Panchayat	Madhupur

Work Code	OD/350/3336/116943/399148/00016938 (Maint. & Imp. of Road with CC/ Gr-II Metalling from Samal Sahi to Gramya Main Road)						
Project Category	Road						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Baranga	Proposal Date	-
Date of Commencement	19-06-2025	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	Repair and Maintenance
Name of Executant			

Administrative Approval Details

Approval No.	OD/350/3336/116943/399148/00016938/AS
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Technical Sanction Details

Technical Sanction No.	OD/350/3336/116943/399148/00016938/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	186532

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<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	24.24	7484.88570122	181433.62939757
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2	<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	2.25	216.23489289764	486.52850901969
Total Amount (in Rs.): 181920.15790659					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	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.	-	24.24	Cum
i	Un-Skilled	4.6	111.504	-
ii	Skilled	0.68	16.4832	-

2	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	-	2.25	Sqm
i	Semi-Skilled	0.05	0.1125	-
ii	Skilled	0.05	0.1125	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
2	Un-Skilled	111.504	462	51514.848
4	Skilled	16.5957	562	9326.7834
3	Semi-Skilled	0.1125	512	57.6
Total: 60899.2314				

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>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>	-	24.24	Cum
i)	BRM340 : Cement	3.23	78.2952	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	10.908	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	21.816	1 Cum.

2	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	-	2.25	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.0060075	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	0.2835	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	78.2952	1 Qntl.	563.767	44140.2500184
2	BRM028	10.908	1 Cum	417.99	4559.43492
3	BRM056	21.816	1 Cum.	2319.71	50606.79336
4	BRM104	0.0060075	1Cum.	58573.086	351.877814145
5	BRM092	0.2835	1Mtr.	229.106	64.951551
Total: 99723.307663545					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	10.908	1 Cum	190.25	2075.247
2	BRM056	21.816	1 Cum.	259.5	5661.252
Total: 7736.499					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
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1	Provision for Contingency @ 1%	Rs. 1819.2015790659
2	Display Citizen Board @ Rs. 1000	Rs. 1000
3	Any Other Lumpsum @ Rs. 1792.6	Rs. 1792.6
Total Addition Component Amount (in Rs.): 4611.8015790659		

Total Net Amount (in Rs.): 186531.95948566