

ESTIMATION DPR

State	Odisha	District	Cuttack	Block	Mahanga	Gram Panchayat	Umar
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Work Code	OD/350/3339/117019/399606/00063955 (Repair & Improvement of CC Road from Narottam Dollar house to Dhoba Behera house, Ostapur)
Project Category	Road

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Mahanga	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	MAINTENANCE OF ROADS AND BRIDGES
Project Sub-Category	CC Road	Project Type	Repair and Maintenance
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	OD/350/3339/117019/399606/00063955/TS
Fund Sanction No.	1229
Fund Sanction Amount (in Rs.)	180000

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;">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	14.884	5954.66880286	88629.290461768
2	<p style="text-align: center;">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 specifcaion and direction of Engineer-in charge.</p>	Cum	11.163	7438.54302282	83036.45576374

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>	Sqm	21.35	216.4557413722	4621.3300782965
Total Amount (in Rs.): 176287.0763038					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<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>	-	14.884	Cum
i	Skilled	0.18	2.67912	-

	ii	Un-Skilled	3.9	58.0476	-
2		<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>	-	11.163	Cum
	i	Un-Skilled	4.6	51.3498	-
	ii	Skilled	0.68	7.59084	-
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>	-	21.35	Sqm
	i	Semi-Skilled	0.05	1.0675	-

ii	Skilled	0.05	1.0675	-
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Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Skilled	11.33746	562	6371.65252
2	Un-Skilled	109.3974	462	50541.5988
3	Semi-Skilled	1.0675	512	546.56
				Total: 57459.81132

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	14.884	Cum
i)	BRM340 : Cement	2.29	34.08436	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	7.14432	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	14.28864	1 Cum.

2	<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>	-	11.163	Cum
i)	BRM340 : Cement	3.23	36.05649	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	5.02335	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	10.0467	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>	-	21.35	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.0570045	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	2.6901	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	70.14085	1 Qntl.	575.657	40377.07128845
2	BRM028	12.16767	1 Cum	652.35	7937.5795245
3	BRM044	14.28864	1 Cum.	1743.21	24908.1001344
4	BRM056	10.0467	1 Cum.	2171.81	21819.523527
5	BRM104	0.0570045	1Cum.	58639.67	3342.725068515
6	BRM092	2.6901	1Mtr.	295.69	795.435669
Total: 99180.435211865					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	12.16767	1 Cum	81.25	988.6231875
2	BRM044	14.28864	1 Cum.	444.5	6351.30048
3	BRM056	10.0467	1 Cum.	444.5	4465.75815
Total: 11805.6818175					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1800	Rs. 1800
2	Display Citizen Board @ Rs. 1912	Rs. 1912
Total Addition Component Amount (in Rs.): 3712		

Total Net Amount (in Rs.): 179999.0763038