

ESTIMATION DPR

State	Odisha	District	Balasore	Block	Soro	Gram Panchayat	Singakhunta
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Work Code	OD/346/3309/116330/393700/00063133 (Const. of cc road from PMGSY road to Radharani Sethi house Khakadananda)
Project Category	Road

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Soro	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.	3004
Fund Sanction Amount (in Rs.)	201457

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	3.18564	240.77592	767.0254017888
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	12.6151344	1540.455232	19433.049788863

3	<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	15.8007744	6014.16976126	95028.539600971
4	<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	9.8117712	7465.21477962	73246.97937649

5	<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	34.745722	216.23489289764	7513.2374753212
Total Amount (in Rs.): 195988.83164343					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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>	-	3.18564	Cum
i	Un-Skilled	0.516	1.64379024	-

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>	-	12.6151344	Cum
i	Un-Skilled	0.1236	1.55923061184	-
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>	-	15.8007744	Cum
i	Skilled	0.18	2.844139392	-
ii	Un-Skilled	3.9	61.62302016	-

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>	-	9.8117712	Cum
i	Un-Skilled	4.6	45.13414752	-
ii	Skilled	0.68	6.672004416	-
5	<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>	-	34.745722	Sqm
i	Semi-Skilled	0.05	1.7372861	-
ii	Skilled	0.05	1.7372861	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	109.96018853184	462	50801.60710171
2	Skilled	11.253429908	562	6324.427608296
3	Semi-Skilled	1.7372861	512	889.4904832
Total: 58015.525193206				

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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	-	3.18564	Cum
2	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.	-	12.6151344	Cum
i)	BRM029 : Sand for filling and road blinding	1	12.6151344	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>	-	15.8007744	Cum
i)	BRM340 : Cement	2.29	36.183773376	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	7.584371712	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	15.168743424	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 specificaion and direction of Engineer-in charge.</p>	-	9.8117712	Cum
i)	BRM340 : Cement	3.23	31.692020976	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	4.41529704	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	8.83059408	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	-	34.745722	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.09277107774	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	4.377960972	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	12.6151344	1 Cum	1025.85	12941.23562424
2	BRM340	67.875794352	1 Qntl.	570.467	38720.900776602
3	BRM028	11.999668752	1 Cum	1030.79	12369.138552874
4	BRM044	15.168743424	1 Cum.	1336.36	20270.901962097
5	BRM056	8.83059408	1 Cum.	1737.73	15345.188250638
6	BRM104	0.09277107774	1Cum.	58573.086	5433.8883147777
7	BRM092	4.377960972	1Mtr.	229.106	1003.017126451
Total: 106084.27060768					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	12.6151344	1 Cum	442.25	5579.0431884
2	BRM028	11.999668752	1 Cum	442.25	5306.853505572
3	BRM044	15.168743424	1 Cum.	552.5	8380.73074176

4	BRM056	8.83059408	1 Cum.	552.5	4878.9032292
					Total: 24145.530664932

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 2015	Rs. 2015
2	Display Citizen Board @ Rs. 3453.16	Rs. 3453.16
		Total Addition Component Amount (in Rs.): 5468.16

Total Net Amount (in Rs.): 201456.99164343