

ESTIMATION DPR							
State	Odisha	District	Balangir	Block	Titlagarh	Gram Panchayat	Katarkela

Work Code	OD/345/3296/275184/421528/00062848 (IMPROVEMENT OF CC ROAD SAHUPADA TRANSFORMER)
Project Category	Road

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Titlagarh	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	SFC Devolution of Fund	Scheme Component Name	5TH SFC DEVOLUTION GRANT TO PANCHAYAT SAMITI
Project Sub-Category	CC Road	Project Type	Upgradation or Improvement
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	OD/345/3296/275184/421528/00062848/TS
Fund Sanction No.	28365
Fund Sanction Amount (in Rs.)	300000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation - Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.	Sqm	259.2	4.6662	1209.47904

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	29.8842	5143.42937936	153707.27225867
3	<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	20.7054	6649.97759432	137690.44608143

4	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	Sqm	9.958	216.39264180804	2154.8379271245
Total Amount (in Rs.): 294762.03530723					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation - Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.	-	259.2	Sqm
i	Un-Skilled	0.01	2.592	-

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>	-	29.8842	Cum
i	Skilled	0.18	5.379156	-
ii	Un-Skilled	3.9	116.54838	-
3	<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>	-	20.7054	Cum
i	Un-Skilled	4.6	95.24484	-

	ii	Skilled	0.68	14.079672	-
4		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	-	9.958	Sqm
	i	Semi-Skilled	0.05	0.4979	-
	ii	Skilled	0.05	0.4979	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	214.38522	462	99045.97164
2	Skilled	19.956728	562	11215.681136
3	Semi-Skilled	0.4979	512	254.9248
				Total: 110516.577576

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<p>Earth Work (AR0110) :.Fine dressing of earth work in ordinary or hard soil in road formation - Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.</p>	-	259.2	Sqm
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>	-	29.8842	Cum
i)	BRM340 : Cement	2.29	68.434818	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	14.344416	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	28.688832	1 Cum.

3	<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>	-	20.7054	Cum
i)	BRM340 : Cement	3.23	66.878442	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	9.31743	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	18.63486	1 Cum.
4	<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>	-	9.958	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.02658786	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	1.254708	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	135.31326	1 Qntl.	572.212	77427.87113112
2	BRM028	23.661846	1 Cum	417.99	9890.41500954
3	BRM044	28.688832	1 Cum.	1336.36	38338.60753152
4	BRM056	18.63486	1 Cum.	1737.73	32382.3552678
5	BRM104	0.02658786	1Cum.	58620.646	1558.5975289576
6	BRM092	1.254708	1Mtr.	276.666	347.135043528
Total: 159944.98151247					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	23.661846	1 Cum	44.25	1047.0366855
2	BRM044	28.688832	1 Cum.	157.5	4518.49104
3	BRM056	18.63486	1 Cum.	157.5	2934.99045
Total: 8500.5181755					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 2947.6203530723
2	Display Citizen Board @ Rs. 2290	Rs. 2290
Total Addition Component Amount (in Rs.): 5237.6203530723		

Total Net Amount (in Rs.): 299999.6556603