

ESTIMATION DPR							
State	Odisha	District	Ganjam	Block	Kabisuryanagar	Gram Panchayat	Paikajamuna

Work Code	OD/354/3376/117822/411403/00089913 (CONSTRUCTION OF CC ROAD FROM RD ROAD TO HIGH SCHOOL)
Project Category	Road

Financial Year	2022-23	Execution Level	PS
Executing Agency	Panchayat Samiti, Kabisuryanagar	Proposal Date	-
Date of Commencement	14-02-2026	Date of Completion	17-02-2026
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	SABYASACHI GANATAYAT		

Administrative Approval Details

Approval No.	OD/354/3376/117822/411403/00089913/AS
---------------------	---------------------------------------

Technical Sanction Details

Technical Sanction No.	OD/354/3376/117822/411403/00089913/TS
Fund Sanction No.	7408
Fund Sanction Amount (in Rs.)	300000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
-----	----------------	------	----------	---------------------	----------------

1	<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>	Cum	41.197725	858.018432	1430.8262863037
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>	Cum	20.59790625	5785.6648807	1430.8262863037

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>	Cum	18.72949	7246.9731999	1430.8262863037
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>	Sqm	6.617	216.23489289764	1430.8262863037
Total Amount (in Rs.): 291683.92857714					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	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.	-	41.197725	Cum
	i Un-Skilled	0.1236	5.09203881	-
2	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.	-	20.59790625	Cum
	i Skilled	0.18	3.707623125	-
	ii Un-Skilled	3.9	80.331834375	-

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>	-	18.72949	Cum
i	Un-Skilled	4.6	86.155654	-
ii	Skilled	0.68	12.7360532	-
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>	-	6.617	Sqm
i	Semi-Skilled	0.05	0.33085	-
ii	Skilled	0.05	0.33085	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	171.579527185	462	79269.74155947
1	Skilled	16.774526325	562	9427.28379465
2	Semi-Skilled	0.33085	512	169.3952
Total: 88866.42055412				

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	41.197725	Cum
i)	BRM029 : Sand for filling and road blinding	1	41.197725	1 Cum
2	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.	-	20.59790625	Cum
i)	BRM340 : Cement	2.29	47.1692053125	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	9.886995	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	19.77399	1 Cum.
3	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.	-	18.72949	Cum
i)	BRM340 : Cement	3.23	60.4962527	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	8.4282705	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	16.856541	1 Cum.
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	-	6.617	Sqm

i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.01766739	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	0.833742	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	41.197725	1 Cum	534.17	22006.58876325
2	BRM340	107.6654580125	1 Qntl.	591.182	63649.880798746
3	BRM028	18.3152655	1 Cum	537.54	9845.18781687
4	BRM044	19.77399	1 Cum.	1466.56	28999.7427744
5	BRM056	16.856541	1 Cum.	1867.93	31486.83863013
6	BRM104	0.01766739	1Cum.	58573.086	1034.8335538655
7	BRM092	0.833742	1Mtr.	229.106	191.015294652

Total: 157214.08763191

ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	41.197725	Cum
i)	BRM029 : Sand for filling and road blinding	1	41.197725	1 Cum

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>	-	20.59790625	Cum
i)	BRM340 : Cement	2.29	47.1692053125	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	9.886995	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	19.77399	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 specificaion and direction of Engineer-in charge.</p>	-	18.72949	Cum
i)	BRM340 : Cement	3.23	60.4962527	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	8.4282705	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	16.856541	1 Cum.
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	-	6.617	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.01766739	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.000614	0.004062838	1Mtr.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	41.197725	1 Cum	258.25	10639.31248125
2	BRM028	18.3152655	1 Cum	258.25	4729.917315375
3	BRM044	19.77399	1 Cum.	469.5	9283.888305
4	BRM056	16.856541	1 Cum.	469.5	7914.1459995
Total: 32567.264101125					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 3000	Rs. 3000
2	Display Citizen Board @ Rs. 1000	Rs. 1000

3	Any Other Lumpsum @ Rs. 4316	Rs. 4316
Total Addition Component Amount (in Rs.): 8316		

Total Net Amount (in Rs.): 299999.92857714