

ESTIMATION DPR							
State	Odisha	District	Puri	Block	Krushnaprasad	Gram Panchayat	Badajhada

Work Code	OD/369/3542/120993/410048/00062059 (Const of CC road from Jenapur Village to smasan, vill-Jenapur)						
Project Category	Road						

Financial Year	2020-21	Execution Level	PS
Executing Agency	Panchayat Samiti, Krushnaprasad	Proposal Date	-
Date of Commencement	24-10-2025	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	Amiya Kumar Panda		

Administrative Approval Details

Approval No.	OD/369/3542/120993/410048/00062059/AS
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Technical Sanction Details

Technical Sanction No.	OD/369/3542/120993/410048/00062059/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	1000000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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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	36.1375	438.201832	16074.901938011
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	65.0475	6586.3046875	16074.901938011

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	65.0475	8097.7966545	16074.901938011
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	74.34	216.23489289764	16074.901938011
Total Amount (in Rs.): 987074.50268566					

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.	-	36.1375	Cum
	i Un-Skilled	0.1236	4.466595	-
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.	-	65.0475	Cum
	i Skilled	0.18	11.70855	-
	ii Un-Skilled	3.9	253.68525	-

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>	-	65.0475	Cum
i	Un-Skilled	4.6	299.2185	-
ii	Skilled	0.68	44.2323	-
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>	-	74.34	Sqm
i	Semi-Skilled	0.05	3.717	-
ii	Skilled	0.05	3.717	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	557.370345	462	257505.09939
1	Skilled	59.65785	562	33527.7117
2	Semi-Skilled	3.717	512	1903.104
Total: 292935.91509				

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.	-	36.1375	Cum
i)	BRM029 : Sand for filling and road blinding	1	36.1375	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.	-	65.0475	Cum
i)	BRM340 : Cement	2.29	148.958775	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	31.2228	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	62.4456	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.	-	65.0475	Cum
i)	BRM340 : Cement	3.23	210.103425	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	29.271375	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	58.54275	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	-	74.34	Sqm

i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.1984878	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	9.36684	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	36.1375	1 Cum	336.51	12160.630125
2	BRM340	359.0622	1 Qntl.	589.887	211806.1239714
3	BRM028	60.494175	1 Cum	1258.91	76156.72184925
4	BRM044	62.4456	1 Cum.	2030.91	126821.393496
5	BRM056	58.54275	1 Cum.	2442.53	142992.4231575
6	BRM104	0.1984878	1Cum.	58573.086	11626.042979351
7	BRM092	9.36684	1Mtr.	229.106	2145.99924504
Total: 583709.33482354					

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.	-	36.1375	Cum
i)	BRM029 : Sand for filling and road blinding	1	36.1375	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>	-	65.0475	Cum
i)	BRM340 : Cement	2.29	148.958775	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	31.2228	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	62.4456	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>	-	65.0475	Cum
i)	BRM340 : Cement	3.23	210.103425	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	29.271375	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	58.54275	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	-	74.34	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.1984878	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.000614	0.04564476	1Mtr.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	36.1375	1 Cum	40.25	1454.534375
2	BRM028	60.494175	1 Cum	144.25	8726.28474375
3	BRM044	62.4456	1 Cum.	293.5	18327.7836
4	BRM056	58.54275	1 Cum.	293.5	17182.297125
Total: 45690.89984375					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 9870.7450268566
2	Display Citizen Board @ Rs. 2000	Rs. 2000

3	Any Other Lumpsum @ Rs. 1054	Rs. 1054
Total Addition Component Amount (in Rs.): 12924.745026857		

Total Net Amount (in Rs.): 999999.24771251