

ESTIMATION DPR							
State	Odisha	District	Balangir	Block	Balangir	Panchayat	Barkani
Work Code	OD/345/3285/115779/420233/00016035 (Constn. of CC road from Ainlachuan to Dehtagudi Ainlachuan)						
Project Category	Road						
Financial Year	2024-25		Execution Level		Barkani, G.P		
Executing Agency	Panchayat Samiti, Balangir		Proposal Date		24-12-2024		
Date of Commencement	-		Date of Completion				
Scheme Name	SFC Devolution of Fund		Scheme Component Name		5TH SFC DEVOLUTION GRANT TO ZILLA PARISHAD		
Project Sub-Category	CC Road		Project Type		New Work		
Name of Executant	Jyotranjan Mohanty						

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	4889
Fund Sanction Amount (in Rs.)	257165

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 (AR0101a) : Earthwork in ordinary soil within 50m, initial lead and 1.5m, initial lift -</p> <p>Earth work in ordinary soil 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 direction of the Engineer-in-charge per 100 cum</p>	Cum	3.610392	146.0864	527.4291698688
2	<p style="text-align: center;">Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</p> <p>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	13.79169744	681.070472	9393.117885142

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>	Cum	23.32313232	5568.01045842	129863.44468087
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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 and as per direction of Engineer-in charge.</p>	Cum	14.441568	7172.78811814	103586.30735771
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1	Earth Work (AR0101 a) : Earthwork in ordinary soil within 50m, initial lead and 1.5m, initial lift - Earth work in ordinary soil 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 direction of the Engineer-in-charge per 100 cum	3.610392	Cubic Meter	0.32	1.155325 44	-	-	-	-
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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.	13.79169 744	Cubic Meter	0.1236	1.704653 803584	-	-	-	-
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3	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.	23.32313 232	Cubic Meter	3.9	90.96021 6048	-	-	0.18	4.198163 8176
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4	<p>Concrete</p> <p>(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 and as per direction of Engineer-in charge.</p>	14.441568	Cubic Meter	4.6	66.4312128	-	-	0.68	9.82026624
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5	R.C.C. Work (AR0410 c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centering 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	26.21722 66	Square Meter	-	-	0.05	1.310861 33	0.05	1.310861 33
Total Qty				160.25140809158	15.3292913876	1.31086133			
Rate Per Man Day				452	552	502			
Total Amount				72433.636457396	8461.7688459552	658.05238766			
Total Labour Amount (in Rs.): 81553.457691011									

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<p>Earth Work (AR0101a) :.Earthwork in ordinary soil within 50m, initial lead and 1.5m, initial lift - Earth work in ordinary soil 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 direction of the Engineer-in-charge per 100 cum</p>	-	3.610392	Cum
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>	-	13.79169744	Cum
i)	BRM029 : Sand for filling and road blinding	1	13.79169744	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>	-	23.32313232	Cum
i)	BRM340 : Cement	2.29	53.4099730128	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	11.1951035136	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	22.3902070272	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 and as per direction of Engineer-in charge.</p>	-	14.441568	Cum

i)	BRM340 : Cement	3.23	46.64626464	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	6.4987056	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	12.9974112	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 centering 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	-	26.2172266	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.069999995022	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	3.3033705516	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	13.79169744	1 Cum	517.21	7133.2038329424
2	BRM340	100.0562376528	1 Qntl.	628.725	62907.858018257
3	BRM028	17.6938091136	1 Cum	522.15	9238.8224286662
4	BRM044	22.3902070272	1 Cum.	1279.072	28638.686882695

5	BRM056	12.9974112	1 Cum.	1680.442	21841.39567175
6	BRM104	0.069999995022	1Cum.	58578.7932	4100.5152323948
7	BRM092	3.3033705516	1Mtr.	234.8132	775.67501000696
Total: 134636.15707671					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	13.79169744	1 Cum	101.25	1396.4093658
2	BRM028	17.6938091136	1 Cum	101.25	1791.498172752
3	BRM044	22.3902070272	1 Cum.	310.5	6952.1592819456
4	BRM056	12.9974112	1 Cum.	310.5	4035.6961776
Total: 14175.762998098					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 2570	Rs. 2570
2	Display Citizen Board @ Rs. 3000	Rs. 3000
3	Any Other Lumpsum @ Rs. 2581	Rs. 2581
Total Addition Component Amount (in Rs.): 8151		

Total Net Amount (in Rs.): 257164.39516932