

ESTIMATION DPR							
State	Odisha	District	Mayurbhanj	Block	Samakhunta	Gram Panchayat	Bhaluki

Work Code	OD/365/3506/120331/389391/00063185 (Const. of C.C. road from R.D. road to Dukhi khal at Bhaluki village)						
Project Category	Road						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Samakhunta	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	New Work
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	28365
Fund Sanction Amount (in Rs.)	297000

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	20.67267984	240.77592	4977.4835073415
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	16.26163032	1175.734132	19119.35380919

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	21.7260648	6403.6645998	139126.43205272
4	<p style="text-align: center;">Concrete (AR0307a) : Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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	14.247031531331	7647.2339476	108950.38317892

5	<p>R.C.C. Work (AR0410f) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - 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 in ground floor R.C.C. walls and fins including attached pilasters</p>	Sqm	16.79035919	935.77538781197	15712.004882525
Total Amount (in Rs.): 287885.6574307					

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>	-	20.67267984	Cum
i	Un-Skilled	0.516	10.66710279744	-

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.	-	16.26163032	Cum
	i Un-Skilled	0.1236	2.009937507552	-
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.	-	21.7260648	Cum
	i Skilled	0.18	3.910691664	-
	ii Un-Skilled	3.9	84.73165272	-

4	<p>Concrete (AR0307a) : Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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>	-	14.247031531331	Cum
i	Un-Skilled	4.6	65.536345044123	-
ii	Skilled	0.68	9.6879814413051	-
5	<p>R.C.C. Work (AR0410f) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - 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 in ground floor R.C.C. walls and fins including attached pilasters</p>	-	16.79035919	Sqm
i	Semi-Skilled	0.56485355648536	9.4840941031381	-
ii	Skilled	0.56485355648536	9.4840941031381	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	162.94503806911	462	75280.607587931
2	Skilled	23.082767208443	562	12972.515171145
3	Semi-Skilled	9.4840941031381	512	4855.8561808067
Total:				93108.978939883

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	-	20.67267984	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.	-	16.26163032	Cum
i)	BRM029 : Sand for filling and road blinding	1	16.26163032	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>	-	21.7260648	Cum
i)	BRM340 : Cement	2.29	49.752688392	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	10.428511104	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	20.857022208	1 Cum.
4	<p>Concrete (AR0307a) :.Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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>	-	14.247031531331	Cum
i)	BRM057 : 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)(Hand broken)	0.9	12.822328378198	1 Cum.
ii)	BRM340 : Cement	3.23	46.017911846199	1 Qntl.

iii)	BRM028 : Screened and washed sharp sand for mortar	0.45	6.411164189099	1 Cum
5	R.C.C. Work (AR0410f) :Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - 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 in ground floor R.C.C. walls and fins including attached pilasters	-	16.79035919	Sqm
i)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	0.42175732217573	7.0814569303431	1Mtr.
ii)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0051171548117155	0.08591886731954	1Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	16.26163032	1 Cum	531.74	8646.9593063568
2	BRM340	95.770600238199	1 Qntl.	650.622	62310.459468178
3	BRM028	16.839675293099	1 Cum	538.16	9062.4396557341
4	BRM044	20.857022208	1 Cum.	1700.92	35476.126214031
5	BRM057	12.822328378198	1 Cum.	1790.86	22962.994999379
6	BRM094	7.0814569303431	1Mtr.	382.786	2710.6825725383
7	BRM104	0.08591886731954	1Cum.	58715.766	5044.7921085191
Total: 146214.45432474					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	16.26163032	1 Cum	575.25	9354.50284158
2	BRM028	16.839675293099	1 Cum	575.25	9687.0232123552
3	BRM044	20.857022208	1 Cum.	551.5	11502.647747712
4	BRM057	12.822328378198	1 Cum.	551.5	7071.5141005761
Total: 37615.687902223					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 2970	Rs. 2970
2	Display Citizen Board @ Rs. 3000	Rs. 3000
3	Any Other Lumpsum @ Rs. 3144.3	Rs. 3144.3
Total Addition Component Amount (in Rs.): 9114.3		

Total Net Amount (in Rs.): 296999.9574307