

ESTIMATION DPR							
State	Odisha	District	Kendujhar	Block	Champua	Gram Panchayat	Kodagadia

Work Code	OD/361/3445/119298/385418/00064428 (Construction of CC Road from Pramod Naik House to Talasahi at Kodagadia)						
Project Category	Road						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Champua	Proposal Date	31-12-2024
Date of Commencement	-	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	Repair and Maintenance
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	31142/PRANDDW
Fund Sanction Amount (in Rs.)	186532

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 (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	7.090848	934.041132	6623.1436927599
2	<p style="text-align: center;">Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation -</p> <p>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>	Sqm	145.4814	4.6662	678.84530868

3	<p style="text-align: center;">Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	14.624874	6044.59100974	88401.38189898
4	<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	11.07945	7720.66193538	85540.687879946
Total Amount (in Rs.): 181244.05878037					

LABOUR STATEMENT

SI.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.	-	7.090848	Cum
i	Un-Skilled	0.1236	0.8764288128	-
2	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.	-	145.4814	Sqm
i	Un-Skilled	0.01	1.454814	-

3	<p>Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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>	-	14.624874	Cum
i	Un-Skilled	3.9	57.0370086	-
ii	Skilled	0.18	2.63247732	-
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 as per specificaion and direction of Engineer-in charge.</p>	-	11.07945	Cum
i	Un-Skilled	4.6	50.96547	-

ii	Skilled	0.68	7.534026	-
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Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	110.3337214128	462	50974.179292714
2	Skilled	10.16650332	562	5713.57486584
Total: 56687.754158554				

MATERIAL STATEMENT

Sl.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.	-	7.090848	Cum
i)	BRM029 : Sand for filling and road blinding	1	7.090848	1 Cum
2	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.	-	145.4814	Sqm

3	<p>Concrete (AR0303a) :.Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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>	-	14.624874	Cum
i)	BRM340 : Cement	2.29	33.49096146	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	7.01993952	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	14.03987904	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 as per specifaion and direction of Engineer-in charge.</p>	-	11.07945	Cum
i)	BRM340 : Cement	3.23	35.7866235	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	4.9857525	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	9.971505	1 Cum.
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Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	7.090848	1 Cum	591.41	4193.59841568
2	BRM340	69.27758496	1 Qntl.	592.307	41033.598514903
3	BRM028	12.00569202	1 Cum	601.41	7220.3432377482
4	BRM045	14.03987904	1 Cum.	1351.51	18975.03692135
5	BRM056	9.971505	1 Cum.	1971.51	19658.92182255
Total: 91081.498912231					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	7.090848	1 Cum	276.28	1959.05948544
2	BRM028	12.00569202	1 Cum	276.28	3316.9325912856
3	BRM045	14.03987904	1 Cum.	804.925	11301.049636272
4	BRM056	9.971505	1 Cum.	804.925	8026.313662125
Total: 24603.355375123					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1865	Rs. 1865
2	Display Citizen Board @ Rs. 1557	Rs. 1557
3	Any Other Lumpsum @ Rs. 1865	Rs. 1865
Total Addition Component Amount (in Rs.): 5287		

Total Net Amount (in Rs.): 186531.05878037