

ESTIMATION DPR

State	Odisha	District	Rayagada	Block	Rayagada	Gram Panchayat	Kumbhikota
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Work Code	OD/370/3557/121267/426467/00016761 (Construction of CC road at Punjapai AWC Center)		
Project Category	Road		

Financial Year	2024-25	Execution Level	ps
Executing Agency	Panchayat Samiti, Rayagada	Proposal Date	-
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	New Work
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	18204
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 (AR0102a) :</p> <p>Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift -</p> <p>Earth work in hard soil or gravelly 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 the direction of the Engineer-in-charge</p>	Cum	16.549	200.6466	3320.5005834
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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	18.7122	5878.91255904	110007.38758727
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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 specificaion and direction of Engineer-in charge.	Cum	9.31832	7426.02363448	69198.064553648
Total Amount (in Rs.): 182525.95272432					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<p>Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly 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 the direction of the Engineer-in-charge</p>	-	16.549	Cum
i	Un-Skilled	0.43	7.11607	-
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>	-	18.7122	Cum
i	Skilled	0.18	3.368196	-

	ii	Un-Skilled	3.9	72.97758	-
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 specificaion and direction of Engineer-in charge.	-	9.31832	Cum
	i	Un-Skilled	4.6	42.864272	-
	ii	Skilled	0.68	6.3364576	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
2	Un-Skilled	122.957922	462	56806.559964
4	Skilled	9.7046536	562	5454.0153232
Total:				62260.5752872

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<p>Earth Work (AR0102a) :.Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift -</p> <p>Earth work in hard soil or gravelly 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 the direction of the Engineer-in-charge</p>	-	16.549	Cum
2	<p>Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</p> <p>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>	-	18.7122	Cum
i)	BRM340 : Cement	2.29	42.850938	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	8.981856	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	17.963712	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 specificaion and direction of Engineer-in charge.	-	9.31832	Cum
i)	BRM340 : Cement	3.23	30.0981736	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	4.193244	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	8.386488	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	72.9491116	1 Qntl.	567.532	41400.955204571
2	BRM028	13.1751	1 Cum	808.59	10653.254109
3	BRM044	17.963712	1 Cum.	1746.81	31379.19175872
4	BRM056	8.386488	1 Cum.	2193.43	18395.17437384
Total: 101828.57544613					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
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1	BRM028	13.1751	1 Cum	152.25	2005.908975
2	BRM044	17.963712	1 Cum.	157.3	2825.6918976
3	BRM056	8.386488	1 Cum.	157.3	1319.1945624
Total: 6150.795435					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 1825.2595272432
2	Display Citizen Board @ Rs. 2000	Rs. 2000
Total Addition Component Amount (in Rs.): 3825.2595272432		

Total Net Amount (in Rs.): 186351.21225156