

ESTIMATION DPR							
State	Odisha	District	Balasure	Block	Nilgiri	Gram Panchayat	Kanas

Work Code	OD/346/3305/116243/393096/00069506 (Repair and restoration of road from PWD road to Aparti Jena house)
Project Category	Road

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Nilgiri	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	Severe Cyclonic Storm DANA 2024	Scheme Component Name	Self/Personal Deposit
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.	
Fund Sanction Amount (in Rs.)	52000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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	3.999464832	921.527232	3685.6157561143

2	<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	3.999464832	5971.6280502	23883.31637656
3	<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	3.0298976	7622.8680814	23096.50970495
Total Amount (in Rs.): 50665.441837624					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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>	-	3.999464832	Cum
	i Un-Skilled	0.1236	0.4943338532352	-
2	<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>	-	3.999464832	Cum
	i Un-Skilled	3.9	15.5979128448	-
	ii Skilled	0.18	0.71990366976	-

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.	-	3.0298976	Cum
i	Un-Skilled	4.6	13.93752896	-
ii	Skilled	0.68	2.060330368	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	30.029775658035	462	13873.756354012
2	Skilled	2.78023403776	562	1562.4915292211
Total: 15436.247883233				

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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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.	-	3.999464832	Cum
i)	BRM029 : Sand for filling and road blinding	1	3.999464832	1 Cum
2	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.	-	3.999464832	Cum
i)	BRM340 : Cement	2.29	9.15877446528	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	1.91974311936	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	3.83948623872	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.	-	3.0298976	Cum
i)	BRM340 : Cement	3.23	9.786569248	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.36345392	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	2.72690784	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	3.999464832	1 Cum	413.05	1651.9789488576
2	BRM340	18.94534371328	1 Qntl.	579.822	10984.927082521
3	BRM028	3.28319703936	1 Cum	417.99	1372.3435304821
4	BRM045	3.83948623872	1 Cum.	1610.21	6182.3791364493
5	BRM056	2.72690784	1 Cum.	2219.47	6052.2901436448
Total: 26243.918841955					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	3.999464832	1 Cum	442.25	1768.763321952
2	BRM028	3.28319703936	1 Cum	442.25	1451.993890657
3	BRM045	3.83948623872	1 Cum.	522.5	2006.1315597312
4	BRM056	2.72690784	1 Cum.	522.5	1424.8093464
Total: 6651.6981187402					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 520	Rs. 520
2	Display Citizen Board @ Rs. 300	Rs. 300
3	Any Other Lumpsum @ Rs. 514.55	Rs. 514.55
		Total Addition Component Amount (in Rs.): 1334.55

Total Net Amount (in Rs.): 51999.991837624