

ESTIMATION DPR

State	Odisha	District	Ganjam	Block	Polosara	Gram Panchayat	Kendubadi
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Work Code	OD/354/3380/117913/411563/00061070 (Construction of CC/Paver road of village Gareijhuli)
Project Category	Road

Financial Year	2022-23	Execution Level	PS
Executing Agency	Panchayat Samiti, Polosara	Proposal Date	01-07-2023
Date of Commencement	18-10-2025	Date of Completion	25-10-2025
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	Sarat Kumar Malla		

Administrative Approval Details

Approval No.	OD/354/3380/117913/411563/00061070/AS
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Technical Sanction Details

Technical Sanction No.	OD/354/3380/117913/411563/00061070/TS
Fund Sanction No.	13745
Fund Sanction Amount (in Rs.)	210000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<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>	Cum	19.497391056	5131.43272056	105146.14003416
2	<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 specifcaion and direction of Engineer-in charge.</p>	Cum	15.184884	6924.39534172	105146.14003416
Total Amount (in Rs.): 205195.69046447					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<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>	-	19.497391056	Cum
i	Un-Skilled	3.9	76.0398251184	-
ii	Skilled	0.18	3.50953039008	-
2	<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>	-	15.184884	Cum

i	Un-Skilled	4.6	69.8504664	-
ii	Skilled	0.68	10.32572112	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	145.8902915184	462	67401.314681501
1	Skilled	13.83525151008	562	7775.411348665
Total: 75176.726030166				

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	19.497391056	Cum
i)	BRM340 : Cement	2.29	44.64902551824	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	9.35874770688	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	18.71749541376	1 Cum.

2	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.	-	15.184884	Cum
i)	BRM340 : Cement	3.23	49.04717532	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	6.8331978	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	13.6663956	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	93.69620083824	1 Qntl.	598.962	56120.463846474
2	BRM028	16.19194550688	1 Cum	407.34	6595.6270827725
3	BRM045	18.71749541376	1 Cum.	1128.47	21122.132049566
4	BRM056	13.6663956	1 Cum.	1737.73	23748.505625988
Total: 107586.7286048					

ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<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>	-	19.497391056	Cum
i)	BRM340 : Cement	2.29	44.64902551824	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	9.35874770688	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	18.71749541376	1 Cum.
2	<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>	-	15.184884	Cum
i)	BRM340 : Cement	3.23	49.04717532	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	6.8331978	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	13.6663956	1 Cum.
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S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	16.19194550688	1 Cum	40.25	651.72580665192
2	BRM045	18.71749541376	1 Cum.	149.5	2798.2655643571
3	BRM056	13.6663956	1 Cum.	149.5	2043.1261422
Total: 5493.117513209					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 2100	Rs. 2100
2	Display Citizen Board @ Rs. 604.3	Rs. 604.3
3	Any Other Lumpsum @ Rs. 2100	Rs. 2100
Total Addition Component Amount (in Rs.): 4804.3		

Total Net Amount (in Rs.): 209999.99046447