

ESTIMATION DPR

State	Odisha	District	Puri	Block	Sadar	Gram Panchayat	Kasiharipur
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Work Code	OD/369/3545/275414/409903/00013570 (Imp. of Kashibiswanath Road Kasiharipur)
Project Category	Road

Financial Year	2020-21	Execution Level	PS
Executing Agency	Panchayat Samiti, Sadar	Proposal Date	15-07-2021
Date of Commencement	12-03-2025	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	Upgradation or Improvement
Name of Executant	Tapabanta Sahoo		

Administrative Approval Details

Approval No.	OD/369/3545/275414/409903/00013570/AS
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Technical Sanction Details

Technical Sanction No.	OD/369/3545/275414/409903/00013570/TS
Fund Sanction No.	11088
Fund Sanction Amount (in Rs.)	300000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<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	21.045	6285.40400078	164221.98913837
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	21.045	7803.37320686	164221.98913837
Total Amount (in Rs.): 296498.31633478					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement Qty)	Unit
1	<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>	-	21.045	Cum
i	Skilled	0.18	3.7881	-
ii	Un-Skilled	3.9	82.0755	-
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>	-	21.045	Cum

i	Un-Skilled	4.6	96.807	-
ii	Skilled	0.68	14.3106	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
0	Skilled	18.0987	552	9990.4824
1	Un-Skilled	178.8825	452	80854.89
				Total: 90845.3724

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	21.045	Cum
i)	BRM340 : Cement	2.29	48.19305	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	10.1016	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	20.2032	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.	-	21.045	Cum
i)	BRM340 : Cement	3.23	67.97535	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	9.47025	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	18.9405	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	116.1684	1 Qntl.	591.577	68722.5535668
2	BRM028	19.57185	1 Cum	780.67	15279.1561395
3	BRM044	20.2032	1 Cum.	1984.91	40101.533712
4	BRM056	18.9405	1 Cum.	2396.53	45391.476465
Total: 169494.7198833					

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 (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>	-	21.045	Cum
i)	BRM340 : Cement	2.29	48.19305	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	10.1016	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	20.2032	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>	-	21.045	Cum
i)	BRM340 : Cement	3.23	67.97535	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	9.47025	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	18.9405	1 Cum.
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S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	19.57185	1 Cum	115.5	2260.548675
2	BRM044	20.2032	1 Cum.	320	6465.024
3	BRM056	18.9405	1 Cum.	320	6060.96
Total: 14786.532675					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 2964.9831633478
2	Display Citizen Board @ Rs. 500	Rs. 500
Total Addition Component Amount (in Rs.): 3464.9831633478		

Total Net Amount (in Rs.): 299963.29949813