

**ESTIMATION DPR**

<b>State</b>	Odisha	<b>District</b>	Cuttack	<b>Block</b>	Nischinta Koili	<b>Gram Panchayat</b>	Narendrapur
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<b>Work Code</b>	OD/350/3342/117102/399892/00017595 (Improvement of Road from Drainage system Bupalpur Basant Behera Shop to Balwadi House Ward -17 under Narendrapur GP.)		
<b>Project Category</b>	Road		

<b>Financial Year</b>	2024-25	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Nischinta Koili	<b>Proposal Date</b>	13-01-2025
<b>Date of Commencement</b>	-	<b>Date of Completion</b>	
<b>Scheme Name</b>	5th SFC Grant in Aid	<b>Scheme Component Name</b>	All Weather Connectivity
<b>Project Sub-Category</b>	CC Road	<b>Project Type</b>	Upgradation or Improvement
<b>Name of Executant</b>			

**Administrative Approval Details**

<b>Approval No.</b>	
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**Technical Sanction Details**

<b>Technical Sanction No.</b>	
<b>Fund Sanction No.</b>	974
<b>Fund Sanction Amount (in Rs.)</b>	154000

**ACTIVITY STATEMENT**

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p><b>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b> 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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	8	6214.82012856	49718.56102848
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2	<p style="text-align: center;"><b>R.C.C.</b></p> <p><b>Work (AR0410c) :</b>  <b>R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc</b>  - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor  R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</p>	Sqm	9	216.23489289764	1946.1140360788
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3	<b>Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -</b> 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	12.63	7734.89337472	97691.703322714
<b>Total Amount (in Rs.): 149356.37838727</b>					

### LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<p><b>Concrete (AR0303)</b>  <b>: Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b>  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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	8	Cum
i	Skilled	0.18	1.44	-
ii	Un-Skilled	3.9	31.2	-

2	<b>R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc -</b> Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc	-	9	Sqm
i	Semi-Skilled	0.05	0.45	-
ii	Skilled	0.05	0.45	-

3	<p><b>Concrete (AR0307)</b>  <b>: 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&amp;P required for the work etc. complete as per specificaion and direction of Engineer-in charge.</b></p>	-	12.63	Cum
i	Un-Skilled	4.6	58.098	-
ii	Skilled	0.68	8.5884	-
<b>Sl.No.</b>	<b>Labour Type</b>	<b>Qty Unit</b>	<b>Rate</b>	<b>Amount</b>
4	Skilled	10.4784	562	5888.8608
2	Un-Skilled	89.298	462	41255.676
3	Semi-Skilled	0.45	512	230.4
<b>Total: 47374.9368</b>				

## MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Concrete (AR0303)</b> <b>:.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b> 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.	-	8	Cum
i)	<b>BRM340</b> : Cement	2.29	18.32	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	3.84	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	7.68	1 Cum.

2	<p><b>R.C.C. Work (AR0410c) :.R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</b></p>	-	9	Sqm
i)	<p><b>BRM104 : Non Sal wood scantling &amp; plants(Tentera, Kasi, Gamhari, Kuruma)</b></p>	0.00267	0.02403	1Cum.
ii)	<p><b>BRM092 : Non-sal bullahs 75mm. mean dia of any length.</b></p>	0.126	1.134	1Mtr.
3	<p><b>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&amp;P required for the work etc. complete as per specificaion and direction of Engineer-in charge.</b></p>	-	12.63	Cum
i)	<p><b>BRM340 : Cement</b></p>	3.23	40.7949	1 Qntl.

ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	5.6835	1 Cum
iii)	<b>BRM056</b> : 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	11.367	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM340</b>	59.1149	1 Qntl.	569.712	33678.4679088
2	<b>BRM028</b>	9.5235	1 Cum	417.99	3980.727765
3	<b>BRM044</b>	7.68	1 Cum.	2038.31	15654.2208
4	<b>BRM104</b>	0.02403	1Cum.	58573.086	1407.51125658
5	<b>BRM092</b>	1.134	1Mtr.	229.106	259.806204
6	<b>BRM056</b>	11.367	1 Cum.	2466.91	28041.36597
<b>Total: 83022.09990438</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM028</b>	9.5235	1 Cum	605.25	5764.098375
2	<b>BRM044</b>	7.68	1 Cum.	158.5	1217.28
3	<b>BRM056</b>	11.367	1 Cum.	158.5	1801.6695
<b>Total: 8783.047875</b>					

## ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1540	Rs. 1540
2	Display Citizen Board @ Rs. 3103.62	Rs. 3103.62
<b>Total Addition Component Amount (in Rs.): 4643.62</b>		

**Total Net Amount (in Rs.): 153999.99838727**