

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Boudh	<b>Block</b>	Boudh	<b>Panchayat</b>	Talasarada
<b>Work Code</b>	OD/349/3329/116792/418289/00016779 (Improvement of road from Canal road to Tentulipadar village )						
<b>Project Category</b>	Road						
<b>Financial Year</b>	2024-25			<b>Execution Level</b>	Talasarada, G.P		
<b>Executing Agency</b>	Panchayat Samiti, Boudh			<b>Proposal Date</b>	-		
<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>	143788
<b>Fund Sanction Amount (in Rs.)</b>	143788

### 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;"><b>Earth Work (AR0122Aia) :</b>  <b>Earthwork in all kinds of soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift</b> - Earthwork in all kinds of soil in foundation and plinth 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 direction of the Engineer-in-charge</p>	Cum	4.68	259.413290016	1214.0541972749
2	<p style="text-align: center;"><b>Earth Work (AR0115a) :</b>  <b>Filling foundation and plinth with crusher dust well watered and rammed</b> - Filling foundation and plinth with crusher dust well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T &amp; P required for the work etc. complete and as per direction of Engineer-in-charge.</p>	Cum	9.62	579.292772	5572.79646664

3	<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	14.3	5375.1966589	76865.3122227
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4	<p><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&amp;P required for the work etc. complete as per specificaion and direction of Engineer-in charge.</p>	Cum	7.696	6896.6969583	53076.979791077
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5	<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	20.8	215.38264180804	4479.9589496072
<b>Total Amount (in Rs.): 141209.10162687</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>Earth Work (AR0122Aia) : Earthwork in all kinds of soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift -</b></p> <p>Earthwork in all kinds of soil in foundation and plinth 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 direction of the Engineer-in-charge</p>	4.68	259.413290016	Cum
i	Un-Skilled	0.5682408	2.659366944	-
2	<p><b>Earth Work (AR0115a) : Filling foundation and plinth with crusher dust well watered and rammed -</b></p> <p>Filling foundation and plinth with crusher dust well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	9.62	579.292772	Cum
i	Un-Skilled	0.1236	1.189032	-

3	<b>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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</b>	14.3	5375.1966589	Cum
i	Skilled	0.18	2.574	-
ii	Un-Skilled	3.9	55.77	-

4	<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>	7.696	6896.6969583	Cum
i	Un-Skilled	4.6	35.4016	-
ii	Skilled	0.68	5.23328	-

5	<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>	20.8	215.38264180804	Sqm
i	Semi-Skilled	0.05	1.04	-
ii	Skilled	0.05	1.04	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
2	Un-Skilled	95.019998944	452	42949.039522688
4	Skilled	8.84728	552	4883.69856
3	Semi-Skilled	1.04	502	522.08
<b>Total: 48354.818082688</b>				

## **MATERIAL STATEMENT**

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<p><b>Earth Work (AR0122Aia) :.Earthwork in all kinds of soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift -</b></p> <p>Earthwork in all kinds of soil in foundation and plinth 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 direction of the Engineer-in-charge</p>	-	4.68	Cum
2	<p><b>Earth Work (AR0115a) :.Filling foundation and plinth with crusher dust well watered and rammed -</b></p> <p>Filling foundation and plinth with crusher dust well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	9.62	Cum
i)	<p><b>BRM026 : Stone screened Dust passing through 2.36 mm sieve and retained on 0.075 mm sieve</b></p>	1	9.62	1 Cum

3	<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>	-	<b>14.3</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	32.747	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	6.864	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	13.728	1 Cum.
4	<p><b>Concrete (AR0307)</b>  <b>:.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&amp;P required for the work etc. complete as per specifaion and direction of Engineer-in charge.</p>	-	<b>7.696</b>	Cum

i)	<b>BRM340</b> : Cement	3.23	24.85808	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	3.4632	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	6.9264	1 Cum.
5	<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>	-	<b>20.8</b>	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.055536	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	2.6208	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM026</b>	9.62	1 Cum	477.44	4592.9728
2	<b>BRM340</b>	57.60508	1 Qntl.	562.727	32415.93385316
3	<b>BRM028</b>	10.3272	1 Cum	417.99	4316.666328
4	<b>BRM044</b>	13.728	1 Cum.	1531.66	21026.62848

5	<b>BRM056</b>	6.9264	1 Cum.	1933.03	13388.938992
6	<b>BRM104</b>	0.055536	1Cum.	58620.646	3255.556196256
7	<b>BRM092</b>	2.6208	1Mtr.	276.666	725.0862528
<b>Total: 79721.782902216</b>					

### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM026</b>	9.62	1 Cum	40.25	387.205
2	<b>BRM028</b>	10.3272	1 Cum	40.25	415.6698
3	<b>BRM044</b>	13.728	1 Cum.	149.5	2052.336
4	<b>BRM056</b>	6.9264	1 Cum.	149.5	1035.4968
<b>Total: 3890.7076</b>					

### ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 1412.0910162687
2	Display Citizen Board @ Rs. 1166	Rs. 1166
<b>Total Addition Component Amount (in Rs.): 2578.0910162687</b>		

**Total Net Amount (in Rs.): 143787.19264314**