

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Balasore	<b>Block</b>	Soro	<b>Gram Panchayat</b>	Sabira

<b>Work Code</b>	OD/346/3309/116326/393773/00063311 (Const. of cc road from Gouranga Shial Cello Chaka to Gouranga Shial house, Agapada)						
<b>Project Category</b>	Road						

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Soro	<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>	New Work
<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>	1752
<b>Fund Sanction Amount (in Rs.)</b>	143803

### 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 (AR0102aa)</b>  <b>: Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b>  Earth work in hard soil or gravelly soil foundation &amp; 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 the direction of the Engineer-in-charge</p>	Cum	1.9326216	240.77592	465.32874375187
2	<p style="text-align: center;"><b>R.C.C. 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	49.20328686	216.23489289764	10639.467464384

3	<p style="text-align: center;"><b>Earth Work (AR0110) :</b>  <b>Fine dressing of earth work in ordinary or hard soil in road formation - Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.</b></p>	Sqm	76.087557	4.6662	355.0397584734
4	<p style="text-align: center;"><b>Concrete (AR0303a) :</b>  <b>Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal -</b>  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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	11.86155639168	5979.66169726	70928.094425218

5	<p style="text-align: center;"><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 specificaion and direction of Engineer-in charge.</p>	Cum	6.057813024	7621.83547962	46171.654235227
6	<p style="text-align: center;"><b>Earth Work (AR0114) :</b>  <b>Filling of foundation with escalated earth -</b> Filling in foundation and plinth with excavated materials in ordinary soil including watering and ramming as directed by the Engineer-in-charge.</p>	Cum	0.054651424	99.54497784	5.4402747910044

7	<b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</b> 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.	Cum	7.33922184768	1493.995232	10964.762447024
<b>Total Amount (in Rs.): 139529.78734887</b>					

### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<b>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b> Earth work in hard soil or gravelly soil foundation & 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 the direction of the Engineer-in-charge	-	1.9326216	Cum
i	Un-Skilled	0.516	0.9972327456	-

2	<p><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</p>	-	49.20328686	Sqm	
	i	Semi-Skilled	0.05	2.460164343	-
	ii	Skilled	0.05	2.460164343	-
3	<p><b>Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation -</b>  Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.</p>	-	76.087557	Sqm	
	i	Un-Skilled	0.01	0.76087557	-

4	<p><b>Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal -</b> 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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	11.86155639168	Cum
	i Un-Skilled	3.9	46.260069927552	-
	ii Skilled	0.18	2.1350801505024	-
5	<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>	-	6.057813024	Cum
	i Un-Skilled	4.6	27.8659399104	-

	ii	Skilled	0.68	4.11931285632	-
6		<b>Earth Work (AR0114) : Filling of foundation with escalated earth -</b> Filling in foundation and plinth with excavated materials in ordinary soil including watering and ramming as directed by the Engineer-in-charge.	-	0.054651424	Cum
	i	Un-Skilled	0.213332	0.011658897584768	-
7		<b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</b> 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.	-	7.33922184768	Cum
	i	Un-Skilled	0.1236	0.90712782037325	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	76.80290487151	462	35482.942050638
2	Semi-Skilled	2.460164343	512	1259.604143616
3	Skilled	8.7145573498224	562	4897.5812306002
				<b>Total: 41640.127424854</b>

## MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<p><b>Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b></p> <p>Earth work in hard soil or gravelly soil foundation &amp; 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 the direction of the Engineer-in-charge</p>	-	1.9326216	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 -</b></p> <p>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>	-	49.20328686	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.1313727759162	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	6.19961414436	1Mtr.

3	<p><b>Earth Work (AR0110)</b>  <b>:.Fine dressing of earth work in ordinary or hard soil in road formation -</b>  Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.</p>	-	<b>76.087557</b>	Sqm
4	<p><b>Concrete (AR0303a)</b>  <b>:.Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal -</b>  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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	<b>11.86155639168</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	27.162964136947	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	5.6935470680064	1 Cum
iii)	<b>BRM045</b> : Granite Stone broken metal 40mm. size (Hand broken)	0.96	11.387094136013	1 Cum.

5	<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>	-	6.057813024	Cum
i)	<b>BRM340</b> : Cement	3.23	19.56673606752	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	2.7260158608	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	5.4520317216	1 Cum.
6	<p><b>Earth Work (AR0114)</b>  <b>:.Filling of foundation with escalated earth -</b>  Filling in foundation and plinth with excavated materials in ordinary soil including watering and ramming as directed by the Engineer-in-charge.</p>	-	0.054651424	Cum
7	<p><b>Earth Work (AR0115)</b>  <b>:.Filling foundation and plinth with sand well watered and rammed -</b> Filling foundation and plinth with sand 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>	-	7.33922184768	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	7.33922184768	1 Cum

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM104	0.1313727759162	1Cum.	58573.086	7694.9089017983
2	BRM092	6.19961414436	1Mtr.	229.106	1420.3687981577
3	BRM340	46.729700204467	1 Qntl.	570.467	26657.751886542
4	BRM028	8.4195629288064	1 Cum	984.79	8291.5013766593
5	BRM045	11.387094136013	1 Cum.	1323.77	15073.89360443
6	BRM056	5.4520317216	1 Cum.	1933.03	10538.940878804
7	BRM029	7.33922184768	1 Cum	979.85	7191.3365274492
<b>Total: 76868.70197384</b>					

#### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	8.4195629288064	1 Cum	442.25	3723.5517052646
2	BRM045	11.387094136013	1 Cum.	552.5	6291.3695101471
3	BRM056	5.4520317216	1 Cum.	552.5	3012.247526184
4	BRM029	7.33922184768	1 Cum	442.25	3245.7708621365
<b>Total: 16272.939603732</b>					

#### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1400	Rs. 1400
2	Display Citizen Board @ Rs. 2000	Rs. 2000
3	Any Other Lumpsum @ Rs. 873.21	Rs. 873.21
<b>Total Addition Component Amount (in Rs.): 4273.21</b>		

**Total Net Amount (in Rs.): 143802.99734887**