

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Kandhamal	<b>Block</b>	Phulbani	<b>Gram Panchayat</b>	Jamjhari

<b>Work Code</b>	OD/359/3430/118983/415424/00013535 (Const. of CC road with Guard wall from Badebali to Tadri)
<b>Project Category</b>	Water Body

<b>Financial Year</b>	2022-23	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Phulbani	<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>	Guard Wall or Retaining Wall or Protection Wall	<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>	10076
<b>Fund Sanction Amount (in Rs.)</b>	300000

### 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	12.74256	235.56432	3001.6924814592
2	<p style="text-align: center;"><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>	Cum	11.27291808	674.101472	7599.0906714634

3	<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>	Cum	29.13515552	5399.7895024	157323.70692769
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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	13.7088708	8089.9556508	110904.15679455
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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	60.8607553	215.69813962884	13127.551694616
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6	<b>Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside)</b> - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	Sqm	10.56771625	190.432112864	2012.4325336347
<b>Total Amount (in Rs.): 293968.63110341</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 (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 &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>	-	12.74256	Cum
i	Un-Skilled	0.516	6.57516096	-
2	<p><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 &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	11.27291808	Cum
i	Un-Skilled	0.1236	1.393332674688	-

3	<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&P required for the work etc. complete and as per direction of Engineer-in charge.	-	29.13515552	Cum
i	Un-Skilled	3.9	113.627106528	-
ii	Skilled	0.18	5.2443279936	-

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>	-	13.7088708	Cum
i	Un-Skilled	4.6	63.06080568	-
ii	Skilled	0.68	9.322032144	-

5	<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>	-	60.8607553	Sqm
i	Semi-Skilled	0.05	3.043037765	-
ii	Skilled	0.05	3.043037765	-
6	<p><b>Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) -</b> 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T &amp; P required for the work, etc comp. and as per the direction of the Engineer-in-charge.</p>	-	10.56771625	Sqm

i	Un-Skilled	0.17	1.7965117625	-
ii	Skilled	0.14	1.479480275	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	186.45291760519	452	84276.718757545
2	Skilled	19.0888781776	552	10537.060754035
3	Semi-Skilled	3.043037765	502	1527.60495803
<b>Total:</b>				<b>96341.38446961</b>

## MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement 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 - 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</b>	-	<b>12.74256</b>	Cum

2	<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.	-	<b>11.27291808</b>	Cum
i)	<b>BRM029 : Sand for filling and road blinding</b>	1	11.27291808	1 Cum
3	<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&P required for the work etc. complete and as per direction of Engineer-in charge.	-	<b>29.13515552</b>	Cum
i)	<b>BRM340 : Cement</b>	2.29	66.7195061408	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.48	13.9848746496	1 Cum
iii)	<b>BRM045 : Granite Stone broken metal 40mm. size (Hand broken)</b>	0.96	27.9697492992	1 Cum.

4	<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>	-	<b>13.7088708</b>	Cum
i)	<b>BRM340 : Cement</b>	3.23	44.279652684	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.45	6.16899186	1 Cum
iii)	<b>BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve &amp; retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)</b>	0.9	12.33798372	1 Cum.

5	<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>	-	<b>60.8607553</b>	Sqm
i)	<p><b>BRM104 : Non Sal wood scantling &amp; plants(Tentera, Kasi, Gamhari, Kuruma)</b></p>	0.00267	0.162498216651	1Cum.
ii)	<p><b>BRM092 : Non-sal bullahs 75mm. mean dia of any length.</b></p>	0.126	7.6684551678	1Mtr.
6	<p><b>Plastering (AR1027) :.6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T &amp; P required for the work, etc comp. and as per the direction of the Engineer-in-charge.</b></p>	-	<b>10.56771625</b>	Sqm
i)	<p><b>BRM340 : Cement</b></p>	0.0372	0.3931190445	1 Qntl.
ii)	<p><b>BRM028 : Screened and washed sharp sand for mortar</b></p>	0.0075	0.079257871875	1 Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	11.27291808	1 Cum	541.31	6102.1432858848
2	BRM340	111.3922778693	1 Qntl.	587.312	65422.021499974
3	BRM028	20.233124381475	1 Cum	678.39	13725.949249149
4	BRM045	27.9697492992	1 Cum.	1258.67	35204.684350424
5	BRM056	12.33798372	1 Cum.	2810.53	34676.273384572
6	BRM104	0.162498216651	1Cum.	58715.766	9541.2072642974
7	BRM092	7.6684551678	1Mtr.	371.786	2851.0242730157
<b>Total: 167523.30330732</b>					

### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	11.27291808	1 Cum	70.25	791.92249512
2	BRM028	20.233124381475	1 Cum	70.25	1421.3769877986
3	BRM045	27.9697492992	1 Cum.	239.5	6698.7549571584
4	BRM056	12.33798372	1 Cum.	344.5	4250.43539154
<b>Total: 13162.489831617</b>					

### ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 3000	Rs. 3000
2	Provision for Contingency @ Rs. 3031	Rs. 3031
<b>Total Addition Component Amount (in Rs.): 6031</b>		

**Total Net Amount (in Rs.): 299999.63110341**