

**ESTIMATION DPR**

<b>State</b>	Odisha	<b>District</b>	Ganjam	<b>Block</b>	Buguda	<b>Gram Panchayat</b>	Arakhapur
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<b>Work Code</b>	OD/354/3368/117654/410446/00062795 (Construction of CC/Paver Road from Arakhapur to Kalyan Mandap)
<b>Project Category</b>	Road

<b>Financial Year</b>	2020-21	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Buguda	<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>	Pavor Block	<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>	7723
<b>Fund Sanction Amount (in Rs.)</b>	143704

**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 (AR0122Ai16) :</b>  <b>Earthwork in all kinds of soil within 50m lead, with four extra lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth -</b> Earthwork in all kinds of soil within 50m lead, with four extra 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	4.0733	297.48611508	1211.7501925554
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	24.5	870.239432	21320.866084

3	<p style="text-align: center;"><b>Concrete (AR0304) :</b>  <b>Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal -</b>  Cement concrete (1:4:8) 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	4.4275	5064.02490848	22420.970282295
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4	<p><b>miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC - Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.</b></p>	Sqm	122.5	632.5356	77485.611
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5	<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	Sqm	46.2	216.23489289764	9990.052051871
<b>Total Amount (in Rs.): 132429.24961072</b>					

#### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<b>Earth Work (AR0122Ai16) :</b> <b>Earthwork in all kinds of soil within 50m lead, with four extra lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth</b> - Earthwork in all kinds of soil within 50m lead, with four extra 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.	-	4.0733	Cum
i	Un-Skilled	0.637534	2.5968672422	-

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.	-	24.5	Cum
i	Un-Skilled	0.1236	3.0282	-
3	<b>Concrete (AR0304) : Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal -</b> Cement concrete (1:4:8) 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.	-	4.4275	Cum
i	Un-Skilled	3.9	17.26725	-
ii	Skilled	0.18	0.79695	-

4	<p><b>miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC -</b>  Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.</p>	-	122.5	Sqm
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>	-	46.2	Sqm
i	Semi-Skilled	0.05	2.31	-
ii	Skilled	0.05	2.31	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	22.8923172422	462	10576.250565896
2	Skilled	3.10695	562	1746.1059
3	Semi-Skilled	2.31	512	1182.72
<b>Total:</b>				<b>13505.076465896</b>

## MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Earth Work (AR0122Ai16)</b> :.Earthwork in all kinds of soil within 50m lead, with four extra lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth - Earthwork in all kinds of soil within 50m lead, with four extra 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.	-	<b>4.0733</b>	Cum
2	<b>Earth Work (AR0115)</b> :.Filling foundation and plinth with sand well watered and rammed - 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>24.5</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	24.5	1 Cum

3	<p><b>Concrete (AR0304)</b>  <b>:.Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal -</b>  Cement concrete (1:4:8) 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>	-	4.4275	Cum
i)	<p><b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)</p>	0.96	4.2504	1 Cum.
ii)	<p><b>BRM340</b> : Cement</p>	1.72	7.6153	1 Qntl.
iii)	<p><b>BRM028</b> : Screened and washed sharp sand for mortar</p>	0.48	2.1252	1 Cum
4	<p><b>miscellaneous(ARM287)</b> <b>:.Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC -</b>  Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.</p>	-	122.5	Sqm
i)	<p><b>BRM029</b> : Sand for filling and road blinding</p>	0.03	3.675	1 Cum

ii)	<b>BRMM287</b> : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items)	1	122.5	1 Sqm
5	<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	-	46.2	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.123354	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	5.8212	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	28.175	1 Cum	599.27	16884.43225
2	<b>BRM044</b>	4.2504	1 Cum.	1336.36	5680.064544
3	<b>BRM340</b>	7.6153	1 Qntl.	593.017	4516.0023601
4	<b>BRM028</b>	2.1252	1 Cum	602.64	1280.730528
5	<b>BRMM287</b>	122.5	1 Sqm	608.4	74529
6	<b>BRM104</b>	0.123354	1Cum.	58573.086	7225.224450444
7	<b>BRM092</b>	5.8212	1Mtr.	229.106	1333.6718472

**Total: 111449.12597974**

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	28.175	1 Cum	205.25	5782.91875
2	BRM044	4.2504	1 Cum.	254.5	1081.7268
3	BRM028	2.1252	1 Cum	205.25	436.1973
<b>Total: 7300.84285</b>					

#### ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 1324.2924961072
2	Display Citizen Board @ Rs. 2000	Rs. 2000
3	Any Other Lumpsum @ Rs. 7950	Rs. 7950
<b>Total Addition Component Amount (in Rs.): 11274.292496107</b>		

**Total Net Amount (in Rs.): 143703.54210683**