

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Puri	<b>Block</b>	Satyabadi	<b>Gram Panchayat</b>	Balarampur

<b>Work Code</b>	OD/369/3546/121086/409654/00066110 (CONST OF ROAD FROM MALASAH I JAGULAI TEMPLE TO CYCLONE SHELTER AT BALARAMPURGARH GP)
<b>Project Category</b>	Road

<b>Financial Year</b>	2023-24	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Satyabadi	<b>Proposal Date</b>	15-03-2024
<b>Date of Commencement</b>	26-11-2025	<b>Date of Completion</b>	19-12-2025
<b>Scheme Name</b>	5th SFC Grant in Aid	<b>Scheme Component Name</b>	MAINTENANCE OF ROADS AND BRIDGES
<b>Project Sub-Category</b>	CC Road	<b>Project Type</b>	New Work
<b>Name of Executant</b>	PRAMATHA TRIPATHY		

### Administrative Approval Details

<b>Approval No.</b>	OD/369/3546/121086/409654/00066110/AS
---------------------	---------------------------------------

### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/369/3546/121086/409654/00066110/TS
<b>Fund Sanction No.</b>	6473
<b>Fund Sanction Amount (in Rs.)</b>	200000

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	<b>Earth Work (AR0115) : 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 &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</b>	Cum	8.75206593024	539.302832	3897.2408294447

2	<p><b>Concrete (AR0303a) :</b>  <b>Cement concrete (1:3:6) with 4 cm. hard granite(Hard Broken) metal -</b>  Cement concrete (1:3:6) with 4 cm. hard granite(Hard 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	16.95712773984	5705.66330994	3897.2408294447
3	<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 specifcaion and direction of Engineer-in charge.</p>	Cum	12.32928479904	7397.15624878	3897.2408294447

4	<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	18.023182	216.23489289764	3897.2408294447
<b>Total Amount (in Rs.): 196570.56245285</b>					

#### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<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.	-	8.75206593024	Cum
i	Un-Skilled	0.1236	1.0817553489777	-

2	<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>	-	16.95712773984	Cum
i	Un-Skilled	3.9	66.132798185376	-
ii	Skilled	0.18	3.0522829931712	-
3	<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>	-	12.32928479904	Cum
i	Un-Skilled	4.6	56.714710075584	-

	ii	Skilled	0.68	8.3839136633472	-
4		<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>	-	18.023182	Sqm
	i	Semi-Skilled	0.05	0.9011591	-
	ii	Skilled	0.05	0.9011591	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	123.92926360994	462	57255.319787791
1	Skilled	12.337355756518	562	6933.5939351633
2	Semi-Skilled	0.9011591	512	461.3934592
<b>Total: 64650.307182155</b>				

#### MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
--------	------------------------	---	---------------------------	------

1	<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>8.75206593024</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	8.75206593024	1 Cum
2	<b>Concrete (AR0303a)</b> :.Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - 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>16.95712773984</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	38.831822524234	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	8.1394213151232	1 Cum
iii)	<b>BRM045</b> : Granite Stone broken metal 40mm. size (Hand broken)	0.96	16.278842630246	1 Cum.

3	<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>12.32928479904</b>	Cum
i)	<b>BRM340</b> : Cement	3.23	39.823589900899	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	5.548178159568	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	11.096356319136	1 Cum.
4	<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>	-	<b>18.023182</b>	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.04812189594	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	2.270920932	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	8.75206593024	1 Cum	401.61	3514.9171982437
2	<b>BRM340</b>	78.655412425133	1 Qntl.	595.407	46831.983145811
3	<b>BRM028</b>	13.687599474691	1 Cum	481.21	6586.6097432162
4	<b>BRM045</b>	16.278842630246	1 Cum.	1649.27	26848.206784786
5	<b>BRM056</b>	11.096356319136	1 Cum.	2258.53	25061.453637458
6	<b>BRM104</b>	0.04812189594	1Cum.	58573.086	2818.6479493767
7	<b>BRM092</b>	2.270920932	1Mtr.	229.106	520.28161104679
<b>Total: 112182.10006994</b>					

## ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<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>8.75206593024</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	8.75206593024	1 Cum
2	<b>Concrete (AR0303a)</b> :.Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - 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>16.95712773984</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	38.831822524234	1 Qntl.

ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	8.1394213151232	1 Cum
iii)	<b>BRM045</b> : Granite Stone broken metal 40mm. size (Hand broken)	0.96	16.278842630246	1 Cum.
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 specifaion and direction of Engineer-in charge.	-	<b>12.32928479904</b>	Cum
i)	<b>BRM340</b> : Cement	3.23	39.823589900899	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	5.548178159568	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	11.096356319136	1 Cum.
4	<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	-	<b>18.023182</b>	Sqm

i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.04812189594	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.000614	0.011066233748	1Mtr.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	8.75206593024	1 Cum	75.25	658.59296125056
2	<b>BRM028</b>	13.687599474691	1 Cum	75.25	1029.9918604705
3	<b>BRM045</b>	16.278842630246	1 Cum.	309.5	5038.3017940613
4	<b>BRM056</b>	11.096356319136	1 Cum.	309.5	3434.3222807726
<b>Total: 10161.208896555</b>					

#### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 2000	Rs. 2000
2	Display Citizen Board @ Rs. 925	Rs. 925
3	Any Other Lumpsum @ Rs. 500	Rs. 500
<b>Total Addition Component Amount (in Rs.): 3425</b>		

**Total Net Amount (in Rs.): 199995.56245285**