

ESTIMATION DPR							
State	Odisha	District	Puri	Block	Satyabadi	Gram Panchayat	Balarampur

Work Code	OD/369/3546/121086/409656/00113774 (CONST OF CC ROAD AT GADIBRAMHA PITA ROAD AT BALI SAHI)						
Project Category	Road						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Satyabadi	Proposal Date	31-12-2024
Date of Commencement	-	Date of Completion	
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance and improvement of Road infrastructure
Project Sub-Category	CC Road	Project Type	New Work
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	31142
Fund Sanction Amount (in Rs.)	186532

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;">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 & P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	7.11318016	539.302832	3836.1582048142
2	<p style="text-align: center;">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</p>	Sqm	72.928855	216.23489289764	15769.763150073

3	<p style="text-align: center;">Concrete (AR0303a) : 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.</p>	Cum	14.67093408	5644.01018496	82802.901370397
4	<p style="text-align: center;">Concrete (AR0307) : 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&P required for the work etc. complete as per specifcaion and direction of Engineer-in charge.</p>	Cum	11.114344	7310.19572752	81248.030022988
Total Amount (in Rs.): 183656.85274827					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	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 & P required for the work etc. complete and as per direction of Engineer-in charge.	-	7.11318016	Cum
	i Un-Skilled	0.1236	0.879189067776	-
2	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	-	72.928855	Sqm
	i Semi-Skilled	0.05	3.64644275	-
	ii Skilled	0.05	3.64644275	-

3	<p>Concrete (AR0303a) : 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.</p>	-	14.67093408	Cum
i	Un-Skilled	3.9	57.216642912	-
ii	Skilled	0.18	2.6407681344	-
4	<p>Concrete (AR0307) : 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&P required for the work etc. complete as per specificaion and direction of Engineer-in charge.</p>	-	11.114344	Cum
i	Un-Skilled	4.6	51.1259824	-

ii	Skilled	0.68	7.55775392	-
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Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	109.22181437978	462	50460.478243457
2	Semi-Skilled	3.64644275	512	1866.978688
3	Skilled	13.8449648044	562	7780.8702200728
Total:				60108.327151529

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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 & P required for the work etc. complete and as per direction of Engineer-in charge.	-	7.11318016	Cum
i)	BRM029 : Sand for filling and road blinding	1	7.11318016	1 Cum
2	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	-	72.928855	Sqm

i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.19472004285	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	9.18903573	1Mtr.
3	Concrete (AR0303a) :.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.	-	14.67093408	Cum
i)	BRM340 : Cement	2.29	33.5964390432	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	7.0420483584	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	14.0840967168	1 Cum.
4	Concrete (AR0307) :.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&P required for the work etc. complete as per specificaion and direction of Engineer-in charge.	-	11.114344	Cum
i)	BRM340 : Cement	3.23	35.89933112	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	5.0014548	1 Cum
iii)	BRM056 : 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	10.0029096	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	7.11318016	1 Cum	401.61	2856.7242840576
2	BRM104	0.19472004285	1Cum.	58573.086	11405.353815777
3	BRM092	9.18903573	1Mtr.	229.106	2105.2632199574
4	BRM340	69.4957701632	1 Qntl.	572.817	39808.358577574
5	BRM028	12.0435031584	1 Cum	481.21	5795.4541548537
6	BRM045	14.0840967168	1 Cum.	1649.27	23228.478192117
7	BRM056	10.0029096	1 Cum.	2258.53	22591.871418888
Total: 107791.50366322					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	7.11318016	1 Cum	75.25	535.26680704
2	BRM028	12.0435031584	1 Cum	75.25	906.2736126696
3	BRM045	14.0840967168	1 Cum.	309.5	4359.0279338496
4	BRM056	10.0029096	1 Cum.	309.5	3095.9005212
Total: 8896.4688747592					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1865	Rs. 1865
2	Display Citizen Board @ Rs. 510	Rs. 510
3	Any Other Lumpsum @ Rs. 500	Rs. 500
Total Addition Component Amount (in Rs.): 2875		

Total Net Amount (in Rs.): 186531.85274827