

ESTIMATION DPR							
State	Odisha	District	Puri	Block	Satyabadi	Gram Panchayat	Balarampur

Work Code	OD/369/3546/121086/409656/00113779 (CONST OF CC ROAD FROM BALI SAHI RD ROAD TO UP SCHOOL)						
Project Category	Road						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Satyabadi	Proposal Date	10-12-2024
Date of Commencement	-	Date of Completion	
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	All Weather Connectivity
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.	29143
Fund Sanction Amount (in Rs.)	143788

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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.	Cum	5.79928064	539.302832	3127.5684727148

2	<p style="text-align: center;">Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) 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.</p>	Cum	11.96101632	5835.64192896	69800.208349967
3	<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	11.891584	216.23489289764	2571.3753926233

4	<p 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 specificaion and direction of Engineer-in charge.</p>	Cum	9.061376	7310.19572752	66240.432120652
Total Amount (in Rs.): 141739.58433596					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement Qty)	Unit
1	<p>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>	-	5.79928064	Cum
i	Un-Skilled	0.1236	0.716791087104	-

2	<p>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) 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.</p>	-	11.96101632	Cum
i	Skilled	0.18	2.1529829376	-
ii	Un-Skilled	3.9	46.647963648	-
3	<p>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>	-	11.891584	Sqm
i	Semi-Skilled	0.05	0.5945792	-
ii	Skilled	0.05	0.5945792	-

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 specifaion and direction of Engineer-in charge.</p>	-	9.061376	Cum
i	Un-Skilled	4.6	41.6823296	-
ii	Skilled	0.68	6.16173568	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	89.047084335104	462	41139.752962818
2	Skilled	8.9092978176	562	5007.0253734912
3	Semi-Skilled	0.5945792	512	304.4245504
Total:				46451.202886709

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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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.	-	5.79928064	Cum
i)	BRM029 : Sand for filling and road blinding	1	5.79928064	1 Cum
2	Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) 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.	-	11.96101632	Cum
i)	BRM340 : Cement	2.29	27.3907273728	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	5.7412878336	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	11.4825756672	1 Cum.

3	<p>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>	-	11.891584	Sqm
i)	<p>BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)</p>	0.00267	0.03175052928	1Cum.
ii)	<p>BRM092 : Non-sal bullahs 75mm. mean dia of any length.</p>	0.126	1.498339584	1Mtr.
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 specifaion and direction of Engineer-in charge.</p>	-	9.061376	Cum
i)	<p>BRM340 : Cement</p>	3.23	29.26824448	1 Qntl.
ii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.45	4.0776192	1 Cum
iii)	<p>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)</p>	0.9	8.1552384	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	5.79928064	1 Cum	401.61	2329.0490978304
2	BRM340	56.6589718528	1 Qntl.	572.817	32455.222279805
3	BRM028	9.8189070336	1 Cum	481.21	4724.9562536387
4	BRM044	11.4825756672	1 Cum.	1846.91	21207.283825508
5	BRM104	0.03175052928	1Cum.	58573.086	1859.726482063
6	BRM092	1.498339584	1Mtr.	229.106	343.2785887319
7	BRM056	8.1552384	1 Cum.	2258.53	18418.850583552
Total: 81338.36711113					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	5.79928064	1 Cum	75.25	436.39586816
2	BRM028	9.8189070336	1 Cum	75.25	738.8727542784
3	BRM044	11.4825756672	1 Cum.	309.5	3553.8571689984
4	BRM056	8.1552384	1 Cum.	309.5	2524.0462848
Total: 7253.1720762368					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1438	Rs. 1438
2	Display Citizen Board @ Rs. 610	Rs. 610
Total Addition Component Amount (in Rs.): 2048		

Total Net Amount (in Rs.): 143787.58433596