

ESTIMATION DPR							
State	Odisha	District	Kendrapara	Block	Garadapur	Gram Panchayat	Palasudha

Work Code	OD/360/3436/119087/396849/00066634 (CONST OF CC ROAD FROM BHADILO BARIK SAHI TO BHADILO NORTH SIDE RD ROAD (UPDATED))						
Project Category	Road						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Garadapur	Proposal Date	-
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	Repair and Maintenance
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	200000

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 (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & 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	6.58648768	240.77592	1585.8676307207
2	<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	14.81959728	560.088632	8300.2879673461

3	<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	18.93615208	6038.80214626	114351.67582261
4	<p style="text-align: center;">Concrete (AR0307) : First floor - 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	8.2331096	7923.78649362	65237.402648973

5	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	Sqm	32.4138567	216.23489289764	7009.0068319239
Total Amount (in Rs.): 196484.24090157					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement Qty)	Unit
1	Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & 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	-	6.58648768	Cum
i	Un-Skilled	0.516	3.39862764288	-

2	<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>	-	14.81959728	Cum
i	Un-Skilled	0.1236	1.831702223808	-
3	<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>	-	18.93615208	Cum
i	Skilled	0.18	3.4085073744	-
ii	Un-Skilled	3.9	73.850993112	-

4	<p>Concrete (AR0307) : First floor - 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 specification and direction of Engineer-in charge.</p>	-	8.2331096	Cum
i	Un-Skilled	5.29	43.553149784	-
ii	Skilled	0.782	6.4382917072	-
5	<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>	-	32.4138567	Sqm
i	Semi-Skilled	0.05	1.620692835	-
ii	Skilled	0.05	1.620692835	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
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1	Un-Skilled	122.63447276269	462	56657.126416362
2	Skilled	11.4674919166	562	6444.7304571292
3	Semi-Skilled	1.620692835	512	829.79473152
				Total: 63931.651605011

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & 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	-	6.58648768	Cum
2	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.	-	14.81959728	Cum
i)	BRM029 : Sand for filling and road blinding	1	14.81959728	1 Cum

3	<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>	-	18.93615208	Cum
i)	BRM340 : Cement	2.29	43.3637882632	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	9.0893529984	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	18.1787059968	1 Cum.
4	<p>Concrete (AR0307) :.First floor - 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>	-	8.2331096	Cum
i)	BRM340 : Cement	3.23	26.592944008	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	3.70489932	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	7.40979864	1 Cum.
5	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	-	32.4138567	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.086544997389	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	4.0841459442	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	14.81959728	1 Cum	340.19	5041.4787986832
2	BRM340	69.9567322712	1 Qntl.	583.967	40852.423074216
3	BRM028	12.7942523184	1 Cum	347.82	4450.0968413859
4	BRM044	18.1787059968	1 Cum.	2210.75	40188.574282426
5	BRM056	7.40979864	1 Cum.	2654.13	19666.568864383
6	BRM104	0.086544997389	1Cum.	58573.086	5069.2075749357
7	BRM092	4.0841459442	1Mtr.	229.106	935.70234069189
Total: 116204.05177672					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	14.81959728	1 Cum	157.25	2330.38167228
2	BRM028	12.7942523184	1 Cum	157.25	2011.8961770684
3	BRM044	18.1787059968	1 Cum.	149.5	2717.7165465216

4	BRM056	7.40979864	1 Cum.	149.5	1107.76489668
Total: 8167.75929255					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 2000	Rs. 2000
2	Display Citizen Board @ Rs. 1500	Rs. 1500
Total Addition Component Amount (in Rs.): 3500		

Total Net Amount (in Rs.): 199984.24090157