

ESTIMATION DPR							
State	Odisha	District	Kalahandi	Block	Madanpur Rampur	Gram Panchayat	Nunpur

Work Code	OD/358/3419/118819/422634/00102731 (Construction of CC road to Laba rana House to Basti.)						
Project Category	Road						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Madanpur Rampur	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	Bikashita Gaon Bikashita Odisha	Scheme Component Name	Viksit Gaon Vikshit Odisha (VGVO)
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.	19
Fund Sanction Amount (in Rs.)	300000

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	4.14	240.77592	996.8123088
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	22.08	550.857232	12162.92768256

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	34.5	216.39264180804	7465.5461423774
4	<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	28.98	5192.27750416	150472.20207056

5	<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	16.146	7279.04251992	117527.42052663
Total Amount (in Rs.): 288624.90873092					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement Qty)	Unit
1	<p>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>	-	4.14	Cum

	i	Un-Skilled	0.516	2.13624	-
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.	-	22.08	Cum
	i	Un-Skilled	0.1236	2.729088	-
3		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	-	34.5	Sqm
	i	Semi-Skilled	0.05	1.725	-
	ii	Skilled	0.05	1.725	-

4	<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>	-	28.98	Cum
i	Un-Skilled	3.9	113.022	-
ii	Skilled	0.18	5.2164	-
5	<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>	-	16.146	Cum
i	Un-Skilled	4.6	74.2716	-

ii	Skilled	0.68	10.97928	-
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Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	192.158928	462	88777.424736
2	Semi-Skilled	1.725	512	883.2
3	Skilled	17.92068	562	10071.42216
				Total: 99732.046896

MATERIAL STATEMENT

Sl.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	-	4.14	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.	-	22.08	Cum
i)	BRM029 : Sand for filling and road blinding	1	22.08	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>	-	34.5	Sqm
i)	<p>BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)</p>	0.00267	0.092115	1Cum.
ii)	<p>BRM092 : Non-sal bullahs 75mm. mean dia of any length.</p>	0.126	4.347	1Mtr.
4	<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>	-	28.98	Cum
i)	<p>BRM340 : Cement</p>	2.29	66.3642	1 Qntl.
ii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.48	13.9104	1 Cum
iii)	<p>BRM045 : Granite Stone broken metal 40mm. size (Hand broken)</p>	0.96	27.8208	1 Cum.

5	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.	-	16.146	Cum
i)	BRM340 : Cement	3.23	52.15158	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	7.2657	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	14.5314	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	22.08	1 Cum	413.05	9120.144
2	BRM104	0.092115	1Cum.	58620.646	5399.84080629
3	BRM092	4.347	1Mtr.	276.666	1202.667102
4	BRM340	118.51578	1 Qntl.	602.612	71419.03121736
5	BRM028	21.1761	1 Cum	417.99	8851.398039
6	BRM045	27.8208	1 Cum.	1258.67	35017.206336
7	BRM056	14.5314	1 Cum.	2258.53	32819.602842
Total: 163829.89034265					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	22.08	1 Cum	75.25	1661.52
2	BRM028	21.1761	1 Cum	75.25	1593.501525
3	BRM045	27.8208	1 Cum.	184.5	5132.9376

4	BRM056	14.5314	1 Cum.	184.5	2681.0433
					Total: 11069.002425

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 6000	Rs. 6000
2	Display Citizen Board @ Rs. 5000	Rs. 5000
3	Any Other Lumpsum @ Rs. 375	Rs. 375
		Total Addition Component Amount (in Rs.): 11375

Total Net Amount (in Rs.): 299999.90873092