

ESTIMATION DPR							
State	Odisha	District	Balasore	Block	Baleshwar	Gram Panchayat	Rupsa Samilhasanpur

Work Code	OD/346/3299/275534/392391/00112383 (Construction of CC Road from Mitu Sahu House to Bhalu Sahu House)
Project Category	Road

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Baleshwar	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.	1108
Fund Sanction Amount (in Rs.)	400000

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 (AR0101aa) : Earthwork in ordinary soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift - Earthwork in ordinary soil in foundation and 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 direction of the Engineer-in-charge per 100 cum</p>	Cum	4.9271232	179.18208	882.85218339226
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	20.004120192	1103.630232	22077.151808453

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	28.183144704	6346.41289726	178861.87303481
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	21.67934208	7965.66472962	172690.37056802

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	56.90122944	216.23489289764	12304.031253702
Total Amount (in Rs.): 386816.27884838					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	Earth Work (AR0101aa) : Earthwork in ordinary soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift - Earthwork in ordinary soil in foundation and 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 direction of the Engineer-in-charge per 100 cum	-	4.9271232	Cum
i	Un-Skilled	0.384	1.8920153088	-

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>	-	20.004120192	Cum
i	Un-Skilled	0.1236	2.4725092557312	-
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>	-	28.183144704	Cum
i	Un-Skilled	3.9	109.9142643456	-
ii	Skilled	0.18	5.07296604672	-

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>	-	21.67934208	Cum
	i Un-Skilled	4.6	99.724973568	-
	ii Skilled	0.68	14.7419526144	-
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>	-	56.90122944	Sqm
	i Semi-Skilled	0.05	2.845061472	-
	ii Skilled	0.05	2.845061472	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	214.00376247813	462	98869.738264897
2	Skilled	22.65998013312	562	12734.908834813
3	Semi-Skilled	2.845061472	512	1456.671473664
Total: 113061.31857337				

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0101aa) :.Earthwork in ordinary soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift - Earthwork in ordinary soil in foundation and 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 direction of the Engineer-in-charge per 100 cum	-	4.9271232	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.	-	20.004120192	Cum
i)	BRM029 : Sand for filling and road blinding	1	20.004120192	1 Cum

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>	-	28.183144704	Cum
i)	BRM340 : Cement	2.29	64.53940137216	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	13.52790945792	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	27.05581891584	1 Cum.
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>	-	21.67934208	Cum
i)	BRM340 : Cement	3.23	70.0242749184	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	9.755703936	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	19.511407872	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	-	56.90122944	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.1519262826048	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	7.16955490944	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	20.004120192	1 Cum	608.35	12169.506518803
2	BRM340	134.56367629056	1 Qntl.	570.467	76764.136722447
3	BRM028	23.28361339392	1 Cum	613.29	14279.607258357
4	BRM045	27.05581891584	1 Cum.	1925.27	52089.756484099
5	BRM056	19.511407872	1 Cum.	2534.53	49452.24859382
6	BRM104	0.1519262826048	1Cum.	58573.086	8898.7912166713
7	BRM092	7.16955490944	1Mtr.	229.106	1642.5880470822
Total: 215296.63484128					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	20.004120192	1 Cum	427.25	8546.760352032
2	BRM028	23.28361339392	1 Cum	427.25	9947.9238225523
3	BRM045	27.05581891584	1 Cum.	522.5	14136.665383526

4	BRM056	19.511407872	1 Cum.	522.5	10194.71061312
					Total: 42826.060171231

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 3868.1627884838
2	Display Citizen Board @ Rs. 5000	Rs. 5000
3	Any Other Lumpsum @ Rs. 4315	Rs. 4315
		Total Addition Component Amount (in Rs.): 13183.162788484

Total Net Amount (in Rs.): 399999.44163686