

ESTIMATION DPR

State	Odisha	District	Kendrapara	Block	Derabish	Gram Panchayat	Janarabarimu I
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Work Code	OD/360/3435/119064/396451/00101384 (CONST OF CC ROAD FROM TIHADA RD ROAD TO JANAKALYANI THAKURANI)
Project Category	Road

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Derabish	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.	717
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 (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	8.49504	179.18208	1522.1589368832
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	12.541962033158	5962.20374626	74777.733019545

3	<p align="center">R.C.C.</p> <p>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	18.394794	216.23489289764	3977.5963104642
4	<p align="center">Concrete (AR0307) :</p> <p>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	28.3448053152	7472.11045362	211795.51610153
Total Amount (in Rs.): 292073.00436842					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p>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>	-	8.49504	Cum
	i Un-Skilled	0.384	3.26209536	-
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>	-	12.541962033158	Cum
	i Skilled	0.18	2.2575531659684	-
	ii Un-Skilled	3.9	48.913651929316	-

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>	-	18.394794	Sqm
i	Semi-Skilled	0.05	0.9197397	-
ii	Skilled	0.05	0.9197397	-
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>	-	28.3448053152	Cum
i	Un-Skilled	4.6	130.38610444992	-
ii	Skilled	0.68	19.274467614336	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	182.56185173924	462	84343.575503527
2	Skilled	22.451760480304	562	12617.889389931
3	Semi-Skilled	0.9197397	512	470.9067264
Total: 97432.371619858				

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	-	8.49504	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.	-	12.541962033158	Cum
i)	BRM340 : Cement	2.29	28.721093055932	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	6.0201417759158	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	12.040283551832	1 Cum.
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	-	18.394794	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.04911409998	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	2.317744044	1Mtr.
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.	-	28.3448053152	Cum
i)	BRM340 : Cement	3.23	91.553721168096	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	12.75516239184	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	25.51032478368	1 Cum.
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Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	120.27481422403	1 Qntl.	583.967	70236.522437963
2	BRM028	18.775304167756	1 Cum	347.82	6530.4262956288
3	BRM044	12.040283551832	1 Cum.	1842.75	22187.232515138
4	BRM104	0.04911409998	1Cum.	58573.086	2876.7644019411
5	BRM092	2.317744044	1Mtr.	229.106	531.00906694466
6	BRM056	25.51032478368	1 Cum.	2286.13	58319.918797714
Total: 160681.87351533					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	18.775304167756	1 Cum	145.25	2727.1129303665
2	BRM044	12.040283551832	1 Cum.	444.5	5351.9060387892
3	BRM056	25.51032478368	1 Cum.	444.5	11339.339366346
Total: 19418.358335501					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 2920.7300436842
2	Display Citizen Board @ Rs. 5000	Rs. 5000
Total Addition Component Amount (in Rs.): 7920.7300436842		

Total Net Amount (in Rs.): 299993.73441211