

ESTIMATION DPR							
State	Odisha	District	Kendujhar	Block	Hatadihi	Gram Panchayat	Samana

Work Code	OD/361/3449/119408/387232/00075345 (CONST OF CC ROAD FROM AGIRIA TO NADIGHAT)						
Project Category	Road						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Hatadihi	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.	6776
Fund Sanction Amount (in Rs.)	402296

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	41.15925	240.77592	9910.15628526
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	41.15925	978.652832	40280.616575496

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	27.4395	5886.65286574	161526.81130947
4	<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	29.1025	216.23489289764	6292.9759705536

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	23.323575	7349.66267538	171420.40863393
6	<p align="center">Earth Work (AR0114) : Filling of foundation with escalated earth - Filling in foundation and plinth with excavated materials in ordinary soil including watering and ramming as directed by the Engineer-in-charge.</p>	Cum	19.956	99.54497784	1986.519577775
Total Amount (in Rs.): 391417.48835248					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement Qty)	Unit
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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>	-	41.15925	Cum
i	Un-Skilled	0.516	21.238173	-
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>	-	41.15925	Cum
i	Un-Skilled	0.1236	5.0872833	-

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>	-	27.4395	Cum
i	Skilled	0.18	4.93911	-
ii	Un-Skilled	3.9	107.01405	-
4	<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>	-	29.1025	Sqm
i	Semi-Skilled	0.05	1.455125	-
ii	Skilled	0.05	1.455125	-

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 specifaion and direction of Engineer-in charge.</p>	-	23.323575	Cum
i	Un-Skilled	4.6	107.288445	-
ii	Skilled	0.68	15.860031	-
6	<p>Earth Work (AR0114) : Filling of foundation with escalated earth - Filling in foundation and plinth with excavated materials in ordinary soil including watering and ramming as directed by the Engineer-in-charge.</p>	-	19.956	Cum
i	Un-Skilled	0.213332	4.257253392	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	244.885204692	462	113136.9645677
2	Skilled	22.254266	562	12506.897492
3	Semi-Skilled	1.455125	512	745.024

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	-	41.15925	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.	-	41.15925	Cum
i)	BRM029 : Sand for filling and road blinding	1	41.15925	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>	-	27.4395	Cum
i)	BRM340 : Cement	2.29	62.836455	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	13.17096	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	26.34192	1 Cum.
4	<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>	-	29.1025	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.077703675	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	3.666915	1Mtr.

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.	-		23.323575	Cum
i)	BRM340 : Cement	3.23		75.33514725	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45		10.49560875	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		20.9912175	1 Cum.
6	Earth Work (AR0114) :.Filling of foundation with escalated earth - Filling in foundation and plinth with excavated materials in ordinary soil including watering and ramming as directed by the Engineer-in-charge.	-		19.956	Cum

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	41.15925	1 Cum	721.61	29700.9263925
2	BRM340	138.17160225	1 Qntl.	592.307	81840.007213891
3	BRM028	23.66656875	1 Cum	731.61	17314.698363187
4	BRM044	26.34192	1 Cum.	1726.96	45491.4421632
5	BRM104	0.077703675	1Cum.	58573.086	4551.3440382911
6	BRM092	3.666915	1Mtr.	229.106	840.11222799
7	BRM056	20.9912175	1 Cum.	2101.71	44117.451731925

Total: 223855.98213098

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	41.15925	1 Cum	190.25	7830.5473125
2	BRM028	23.66656875	1 Cum	190.25	4502.5647046875
3	BRM044	26.34192	1 Cum.	244.5	6440.59944
4	BRM056	20.9912175	1 Cum.	244.5	5132.35267875
Total: 23906.064135938					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 3914.1748835248
2	Display Citizen Board @ Rs. 3900.33	Rs. 3900.33
3	Any Other Lumpsum @ Rs. 3064	Rs. 3064
Total Addition Component Amount (in Rs.): 10878.504883525		

Total Net Amount (in Rs.): 402295.99323601