

ESTIMATION DPR							
State	Odisha	District	Sundargarh	Block	Gurundia	Gram Panchayat	Kucheita

Work Code	OD/373/3577/121584/384653/00072584 (Construction of Cement Concrete Road from Sargigarh Main Road to Baunskona Road with Culvert)
Project Category	Road

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Gurundia	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.	28051
Fund Sanction Amount (in Rs.)	400000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	Earth Work (AR0108) : extra lift of 1.5m to 3.0m - Extra lift of 1.5m or part thereof over the initial lift of 1.5m in all kinds of embankments and road works and ordinary earthwork in general.(1st extra lift of 1.5m to 3.0m)	Cum	9.22772587328	19.13142	176.53949932659

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	25.28705531072	927.890232	23463.611618861
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	31.92451323072	6042.05169602	192889.55931028

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 specificaion and direction of Engineer-in charge.</p>	Cum	20.742056	7504.28946974	155654.39242156
5	<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	86.01702964	216.23489289764	18599.883191579
Total Amount (in Rs.): 390783.98604161					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	Earth Work (AR0108) : extra lift of 1.5m to 3.0m - Extra lift of 1.5m or part thereof over the initial lift of 1.5m in all kinds of embankments and road works and ordinary earthwork in general.(1st extra lift of 1.5m to 3.0m)	-	9.22772587328	Cum
i	Un-Skilled	0.041	0.37833676080448	-
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.	-	25.28705531072	Cum
i	Un-Skilled	0.1236	3.125480036405	-

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>	-	31.92451323072	Cum
i	Skilled	0.18	5.7464123815296	-
ii	Un-Skilled	3.9	124.50560159981	-
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>	-	20.742056	Cum
i	Un-Skilled	4.6	95.4134576	-

	ii	Skilled	0.68	14.10459808	-
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	-	86.01702964	Sqm
	i	Semi-Skilled	0.05	4.300851482	-
	ii	Skilled	0.05	4.300851482	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	223.42287599702	462	103221.36871062
2	Skilled	24.15186194353	562	13573.346412264
3	Semi-Skilled	4.300851482	512	2202.035958784
				Total: 118996.75108167

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	Earth Work (AR0108) :.extra lift of 1.5m to 3.0m - Extra lift of 1.5m or part thereof over the initial lift of 1.5m in all kinds of embankments and road works and ordinary earthwork in general.(1st extra lift of 1.5m to 3.0m)	-	9.22772587328	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.	-	25.28705531072	Cum
i)	BRM029 : Sand for filling and road blinding	1	25.28705531072	1 Cum
3	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.	-	31.92451323072	Cum
i)	BRM340 : Cement	2.29	73.107135298349	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	15.323766350746	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	30.647532701491	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>	-	20.742056	Cum
i)	BRM340 : Cement	3.23	66.99684088	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	9.3339252	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	18.6678504	1 Cum.
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>	-	86.01702964	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.2296654691388	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	10.83814573464	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	25.28705531072	1 Cum	608.35	15383.380098277
2	BRM340	140.10397617835	1 Qntl.	585.022	81963.90835181
3	BRM028	24.657691550746	1 Cum	613.29	15122.315651157
4	BRM044	30.647532701491	1 Cum.	1949.16	59736.944840439
5	BRM056	18.6678504	1 Cum.	2350.53	43879.342400712
6	BRM104	0.2296654691388	1Cum.	58573.086	13452.215275097
7	BRM092	10.83814573464	1Mtr.	229.106	2483.0842166804
Total: 232021.19083417					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	25.28705531072	1 Cum	253.25	6403.9467574398
2	BRM028	24.657691550746	1 Cum	253.25	6244.5603852263
3	BRM044	30.647532701491	1 Cum.	243.5	7462.6742128131
4	BRM056	18.6678504	1 Cum.	243.5	4545.6215724
Total: 24656.802927879					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 3100	Rs. 3100
2	Display Citizen Board @ Rs. 3000	Rs. 3000
3	Provision for survey investigation and quality control @ Rs. 3000	Rs. 3000
Total Addition Component Amount (in Rs.): 9100		

Total Net Amount (in Rs.): 399883.98604161