

ESTIMATION DPR							
State	Odisha	District	Sambalpur	Block	Rengali	Gram Panchayat	Thekoloji

Work Code	OD/371/3566/275635/381677/00069984 (Construction of road from Tarun Tripathy house to Gas Agency Bharat Gas.)						
Project Category	Road						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Rengali	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.	2646
Fund Sanction Amount (in Rs.)	397502

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	32.6375	240.77592	7858.324089
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	22.4	552.432832	12374.4954368

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	32.6375	5533.8128563	180609.81709749
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	25.55	7046.0985621	180027.81826166

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	216.23489289764	12109.154002268
Total Amount (in Rs.): 392979.60888721					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement 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	-	32.6375	Cum
i	Un-Skilled	0.516	16.84095	-

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>	-	22.4	Cum
i	Un-Skilled	0.1236	2.76864	-
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>	-	32.6375	Cum
i	Skilled	0.18	5.87475	-
ii	Un-Skilled	3.9	127.28625	-

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>	-	25.55	Cum
i	Un-Skilled	4.6	117.53	-
ii	Skilled	0.68	17.374	-
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	Sqm
i	Semi-Skilled	0.05	2.8	-
ii	Skilled	0.05	2.8	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	264.42584	462	122164.73808
2	Skilled	26.04875	562	14639.3975
3	Semi-Skilled	2.8	512	1433.6
Total: 138237.73558				

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	-	32.6375	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.	-	22.4	Cum
i)	BRM029 : Sand for filling and road blinding	1	22.4	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>	-	32.6375	Cum
i)	BRM340 : Cement	2.29	74.739875	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	15.666	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	31.332	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 specificaion and direction of Engineer-in charge.</p>	-	25.55	Cum
i)	BRM340 : Cement	3.23	82.5265	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	11.4975	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	22.995	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	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.14952	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	7.056	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	22.4	1 Cum	411.11	9208.864
2	BRM340	157.266375	1 Qntl.	562.787	88507.471387125
3	BRM028	27.1635	1 Cum	808.59	21964.134465
4	BRM044	31.332	1 Cum.	1486.41	46572.19812
5	BRM056	22.995	1 Cum.	1933.03	44450.02485
6	BRM104	0.14952	1Cum.	58573.086	8757.84781872
7	BRM092	7.056	1Mtr.	229.106	1616.571936
Total: 221077.11257684					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	22.4	1 Cum	78.75	1764
2	BRM028	27.1635	1 Cum	78.75	2139.125625
3	BRM044	31.332	1 Cum.	221.5	6940.038

4	BRM056	22.995	1 Cum.	221.5	5093.3925
					Total: 15936.556125

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1522.39	Rs. 1522.39
2	Display Citizen Board @ Rs. 3000	Rs. 3000
		Total Addition Component Amount (in Rs.): 4522.39

Total Net Amount (in Rs.): 397501.99888721