

ESTIMATION DPR							
State	Odisha	District	Balasore	Block	Basta	Gram Panchayat	Kulida

Work Code	OD/346/3301/116125/392363/00075919 (Construction of CC road from Junabalada RD road to Rabindra Das House)						
Project Category	Road						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Basta	Proposal Date	26-11-2025
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.	
---------------------	--

Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	5614
Fund Sanction Amount (in Rs.)	530000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
-----	----------------	------	----------	---------------------	----------------

1	<p style="text-align: center;">Earth Work (AR0101a) : Earthwork in ordinary soil within 50m, initial lead and 1.5m, initial lift - Earth work in ordinary soil 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.</p>	Cum	24.051582	149.3184	3591.3437417088
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	22.52007919872	1282.804232	28888.852901093

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	48.18189603072	6521.61961726	314223.99835073
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	19.44472747136	8129.92102962	158084.09878464

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	61.48692152	216.23489289764	13295.617889483
Total Amount (in Rs.): 518083.91166765					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	Earth Work (AR0101a) : Earthwork in ordinary soil within 50m, initial lead and 1.5m, initial lift - Earth work in ordinary soil 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.	-	24.051582	Cum
i	Un-Skilled	0.32	7.69650624	-

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>	-	22.52007919872	Cum
i	Un-Skilled	0.1236	2.7834817889618	-
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>	-	48.18189603072	Cum
i	Un-Skilled	3.9	187.90939451981	-
ii	Skilled	0.18	8.6727412855296	-

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>	-	19.44472747136	Cum
	i Un-Skilled	4.6	89.445746368256	-
	ii Skilled	0.68	13.222414680525	-
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>	-	61.48692152	Sqm
	i Semi-Skilled	0.05	3.074346076	-
	ii Skilled	0.05	3.074346076	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	287.83512891703	462	132979.82955967
2	Skilled	24.969502042054	562	14032.860147635
3	Semi-Skilled	3.074346076	512	1574.065190912
Total:				148586.75489821

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0101a) :.Earthwork in ordinary soil within 50m, initial lead and 1.5m, initial lift - Earth work in ordinary soil 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.	-	24.051582	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.	-	22.52007919872	Cum
i)	BRM029 : Sand for filling and road blinding	1	22.52007919872	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>	-	48.18189603072	Cum
i)	BRM340 : Cement	2.29	110.33654191035	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	23.127310094746	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	46.254620189491	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>	-	19.44472747136	Cum
i)	BRM340 : Cement	3.23	62.806469732493	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	8.750127362112	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	17.500254724224	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	-	61.48692152	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.1641700804584	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	7.74735211152	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	22.52007919872	1 Cum	868.75	19564.318803888
2	BRM340	173.14301164284	1 Qntl.	570.467	98772.374422857
3	BRM028	31.877437456858	1 Cum	873.69	27850.998331682
4	BRM045	46.254620189491	1 Cum.	2017.27	93308.057669655
5	BRM056	17.500254724224	1 Cum.	2626.53	45964.944040816
6	BRM104	0.1641700804584	1Cum.	58573.086	9615.9482413168
7	BRM092	7.74735211152	1Mtr.	229.106	1774.9648528619
Total: 296851.60636308					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	22.52007919872	1 Cum	344.25	7752.5372641594
2	BRM028	31.877437456858	1 Cum	344.25	10973.807844523
3	BRM045	46.254620189491	1 Cum.	522.5	24168.039049009

4	BRM056	17.500254724224	1 Cum.	522.5	9143.883093407
Total: 52038.267251099					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 5300	Rs. 5300
2	Display Citizen Board @ Rs. 5000	Rs. 5000
3	Any Other Lumpsum @ Rs. 1616	Rs. 1616
Total Addition Component Amount (in Rs.): 11916		

Total Net Amount (in Rs.): 529999.91166765