

ESTIMATION DPR							
State	Odisha	District	Balasore	Block	Bhograi	Gram Panchayat	Dehurda

Work Code	OD/346/3302/116148/391625/00101466 (CONSTRUCTION OF CC ROAD FROM JAGANNATH MOHANTY HOUSE TO BALARAM MOHANTY HOUSE VILL BALHARPUR)						
Project Category	Road						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Bhograi	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.	108
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 (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	5.91075538656	240.77592	1423.1675660939
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	11.31143034384	1071.512232	12120.335974841

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	20.06773954656	7112.38720126	142729.53390917
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	14.15698416	8494.79362962	120260.658857

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	65.58858897	216.23489289764	14182.541511235
Total Amount (in Rs.): 290716.23781834					

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	-	5.91075538656	Cum
i	Un-Skilled	0.516	3.049949779465	-

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>	-	11.31143034384	Cum
i	Un-Skilled	0.1236	1.3980927904986	-
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>	-	20.06773954656	Cum
i	Skilled	0.18	3.6121931183808	-
ii	Un-Skilled	3.9	78.264184231584	-

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>	-	14.15698416	Cum
i	Un-Skilled	4.6	65.122127136	-
ii	Skilled	0.68	9.6267492288	-
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>	-	65.58858897	Sqm
i	Semi-Skilled	0.05	3.2794294485	-
ii	Skilled	0.05	3.2794294485	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	147.83435393755	462	68299.471519147
2	Skilled	16.518371795681	562	9283.3249491726
3	Semi-Skilled	3.2794294485	512	1679.067877632
Total: 79261.864345952				

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	-	5.91075538656	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.	-	11.31143034384	Cum
i)	BRM029 : Sand for filling and road blinding	1	11.31143034384	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>	-	20.06773954656	Cum
i)	BRM340 : Cement	2.29	45.955123561622	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	9.6325149823488	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	19.265029964698	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>	-	14.15698416	Cum
i)	BRM340 : Cement	3.23	45.7270588368	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	6.370642872	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	12.741285744	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	-	65.58858897	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.1751215325499	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	8.26416221022	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	11.31143034384	1 Cum	738.55	8354.056880443
2	BRM340	91.682182398422	1 Qntl.	570.467	52301.659546281
3	BRM028	16.003157854349	1 Cum	743.49	11898.18783313
4	BRM044	19.265029964698	1 Cum.	2731.16	52615.879238383
5	BRM056	12.741285744	1 Cum.	3132.53	39912.459831652
6	BRM104	0.1751215325499	1Cum.	58573.086	10257.408586497
7	BRM092	8.26416221022	1Mtr.	229.106	1893.3691473347
Total: 177233.02106372					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	11.31143034384	1 Cum	265.25	3000.3568987036
2	BRM028	16.003157854349	1 Cum	265.25	4244.837620866
3	BRM044	19.265029964698	1 Cum.	522.5	10065.978156554

4	BRM056	12.741285744	1 Cum.	522.5	6657.32180124
					Total: 23968.494477364

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 2907.1623781834
2	Display Citizen Board @ Rs. 5000	Rs. 5000
3	Any Other Lumpsum @ Rs. 1370	Rs. 1370
		Total Addition Component Amount (in Rs.): 9277.1623781834

Total Net Amount (in Rs.): 299993.40019652