

ESTIMATION DPR							
State	Odisha	District	Rayagada	Block	Gunupur	Gram Panchayat	Regeda

Work Code	OD/370/3550/121154/426820/00073653 (CONSTRUCTION OF RCC DRAIN AT NARASINGHMUNDA)						
Project Category	CD Work						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Gunupur	Proposal Date	12-11-2025
Date of Commencement	-	Date of Completion	
Scheme Name	Bikashita Gaon Bikashita Odisha	Scheme Component Name	Viksit Gaon Vikshit Odisha (VGVO)
Project Sub-Category	Drain Masonry or Cement Concrete	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.	39
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	77.625	240.77592	18690.23079
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	10.125	491.226832	4973.671674

3	<p style="text-align: center;">R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in- charge.</p>	Qntl	9	8412.1356417	75709.2207753
4	<p style="text-align: center;">Concrete (AR0307a) : Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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	25.3125	6352.31071954	160792.86508836

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>	Sqm	150	216.23489289764	32435.233934646
Total Amount (in Rs.): 292601.2222623					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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>	-	77.625	Cum
i	Un-Skilled	0.516	40.0545	-

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.	-	10.125	Cum
i	Un-Skilled	0.1236	1.25145	-
3	R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	-	9	Qntl
i	Un-Skilled	0.8	7.2	-
ii	Highly-Skilled	0.3	2.7	-
iii	Semi-Skilled	0.044	0.396	-

4	<p>Concrete (AR0307a) : Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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>	-	25.3125	Cum
i	Un-Skilled	4.6	116.4375	-
ii	Skilled	0.68	17.2125	-
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>	-	150	Sqm
i	Semi-Skilled	0.05	7.5	-
ii	Skilled	0.05	7.5	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	164.94345	462	76203.8739
2	Highly-Skilled	2.7	612	1652.4
3	Semi-Skilled	7.896	512	4042.752
4	Skilled	24.7125	562	13888.425
				Total: 95787.4509

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	-	77.625	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.	-	10.125	Cum
i)	BRM029 : Sand for filling and road blinding	1	10.125	1 Cum

3	R.C.C. Work (AR0409) :.Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	-	9	Qntl
i)	BRM162 : Binding Wire.	0.8	7.2	1 Kg.
ii)	BRM341 : Steel	1.05	9.45	1 Qntl.
4	Concrete (AR0307a) :.Cemete concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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.	-	25.3125	Cum
i)	BRM057 : 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)(Hand broken)	0.9	22.78125	1 Cum.
ii)	BRM340 : Cement	3.23	81.759375	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.45	11.390625	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	-	150	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.4005	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	18.9	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	10.125	1 Cum	387.01	3918.47625
2	BRM162	7.2	1 Kg.	90.1	648.72
3	BRM341	9.45	1 Qntl.	6203.167	58619.92815
4	BRM057	22.78125	1 Cum.	1326.01	30208.1653125
5	BRM340	81.759375	1 Qntl.	594.747	48626.143003125
6	BRM028	11.390625	1 Cum	391.95	4464.55546875
7	BRM104	0.4005	1Cum.	58573.086	23458.520943
8	BRM092	18.9	1Mtr.	229.106	4330.1034
Total: 174274.61252738					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	10.125	1 Cum	42.25	427.78125
2	BRM057	22.78125	1 Cum.	156.5	3565.265625
3	BRM028	11.390625	1 Cum	42.25	481.25390625
Total: 4474.30078125					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
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1	Provision for Contingency @ Rs. 3000	Rs. 3000
2	Display Citizen Board @ Rs. 4000	Rs. 4000
Total Addition Component Amount (in Rs.): 7000		

Total Net Amount (in Rs.): 299601.2222623