

ESTIMATION DPR							
State	Odisha	District	Kendujhar	Block	Kendujhar Sadar	Gram Panchayat	Nuagaon

Work Code	OD/361/3452/119464/386024/00067361 (CONST. DRAIN AT DIMIRIDIHA GURUBA MAJHI HOUSE TO MUNA MAJHI HOUSE)
Project Category	Water Body

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Kendujhar Sadar	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	Drainage Work	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.	2312345634
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	70.792	240.77592	17045.00892864
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	9.344544	1053.089832	9840.6442710766

3	<p 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	28.85198752	6088.79042774	175673.70543305
4	<p align="center">Concrete (AR0307) : First floor - 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	5.715462912	7945.04595938	45409.615514972

5	<p>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	1.07	9267.2761797	9915.985512279
6	<p>Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.</p>	Sqm	177.6769875	193.3193028232	34348.391351226
Total Amount (in Rs.): 292233.35101124					

LABOUR STATEMENT

Sl.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 -</p> <p>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>	-	70.792	Cum
i	Un-Skilled	0.516	36.528672	-
2	<p>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</p> <p>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>	-	9.344544	Cum
i	Un-Skilled	0.1236	1.1549856384	-

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>	-	28.85198752	Cum
i	Skilled	0.18	5.1933577536	-
ii	Un-Skilled	3.9	112.522751328	-
4	<p>Concrete (AR0307) : First floor - 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>	-	5.715462912	Cum
i	Un-Skilled	5.29	30.23479880448	-
ii	Skilled	0.782	4.469491997184	-

5	<p>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>	-	1.07	Qntl
i	Un-Skilled	0.8	0.856	-
ii	Highly-Skilled	0.3	0.321	-
iii	Semi-Skilled	0.044	0.04708	-
6	<p>Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.</p>	-	177.6769875	Sqm
i	Un-Skilled	0.17	30.205087875	-

ii	Skilled	0.14	24.87477825	-
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Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	211.50229564588	462	97714.060588397
2	Skilled	34.537628000784	562	19410.146936441
3	Highly-Skilled	0.321	612	196.452
4	Semi-Skilled	0.04708	512	24.10496
Total:				117344.76448484

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	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	-	70.792	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.	-	9.344544	Cum
i)	BRM029 : Sand for filling and road blinding	1	9.344544	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.	-	28.85198752	Cum
i)	BRM340 : Cement	2.29	66.0710514208	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	13.8489540096	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	27.6979080192	1 Cum.

4	Concrete (AR0307) :.First floor - 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.	-	5.715462912	Cum
i)	BRM340 : Cement	3.23	18.46094520576	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	2.5719583104	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	5.1439166208	1 Cum.
5	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.	-	1.07	Qntl
i)	BRM162 : Binding Wire.	0.8	0.856	1 Kg.
ii)	BRM341 : Steel	1.05	1.1235	1 Qntl.

6	Plastering (AR1027) :6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	177.6769875	Sqm
i)	BRM340 : Cement	0.0372	6.609583935	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0075	1.33257740625	1 Cum

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	9.344544	1 Cum	935.31	8740.04544864
2	BRM340	91.14158056156	1 Qntl.	616.087	56151.14294343
3	BRM028	17.75348972625	1 Cum	945.31	16782.551373121
4	BRM044	27.6979080192	1 Cum.	1661.86	46030.045420788
5	BRM056	5.1439166208	1 Cum.	2036.61	10476.152029087
6	BRM162	0.856	1 Kg.	90.1	77.1256
7	BRM341	1.1235	1 Qntl.	6890.147	7741.0801545
Total: 145998.14296957					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	9.344544	1 Cum	50.25	469.563336
2	BRM028	17.75348972625	1 Cum	50.25	892.11285874406
3	BRM044	27.6979080192	1 Cum.	424.5	11757.76195415
4	BRM056	5.1439166208	1 Cum.	424.5	2183.5926055296
Total: 15303.030754424					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 4765.65	Rs. 4765.65

2	Provision for Contingency @ Rs. 3000	Rs. 3000
Total Addition Component Amount (in Rs.): 7765.65		

Total Net Amount (in Rs.): 299999.00101124