

ESTIMATION DPR							
State	Odisha	District	Rayagada	Block	Padmapur	Gram Panchayat	Gulluguda

Work Code	OD/370/3555/121227/427058/00073760 (Construction of drain at Surjyaguda Upar Sahi)						
Project Category	CD Work						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Padmapur	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	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	56.7	240.77592	13651.994664
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	7.56	894.822832	6764.86060992

3	<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	151.2	216.23489289764	32694.715806123
4	<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	6.5	8671.8374568	56366.9434692

5	<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	7.56	5192.56916792	39255.822909475
6	<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	19.845	7220.00550704	143281.00928721
Total Amount (in Rs.): 292015.34674593					

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>	-	56.7	Cum
i	Un-Skilled	0.516	29.2572	-
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>	-	7.56	Cum
i	Un-Skilled	0.1236	0.934416	-

3	<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>	-	151.2	Sqm
i	Semi-Skilled	0.05	7.56	-
ii	Skilled	0.05	7.56	-
4	<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>	-	6.5	Qntl
i	Un-Skilled	0.8	5.2	-
ii	Highly-Skilled	0.3	1.95	-

	iii	Semi-Skilled	0.044	0.286	-
5		<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>	-	7.56	Cum
	i	Un-Skilled	3.9	29.484	-
	ii	Skilled	0.18	1.3608	-
6		<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>	-	19.845	Cum

i	Un-Skilled	4.6	91.287	-
ii	Skilled	0.68	13.4946	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	156.162616	462	72147.128592
2	Semi-Skilled	7.846	512	4017.152
3	Skilled	22.4154	562	12597.4548
4	Highly-Skilled	1.95	612	1193.4
Total:				89955.135392

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	-	56.7	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.	-	7.56	Cum
i)	BRM029 : Sand for filling and road blinding	1	7.56	1 Cum
3	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	-	151.2	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.403704	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	19.0512	1Mtr.

4	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.	-	6.5	Qntl
i)	BRM162 : Binding Wire.	0.8	5.2	1 Kg.
ii)	BRM341 : Steel	1.05	6.825	1 Qntl.
5	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.	-	7.56	Cum
i)	BRM340 : Cement	2.29	17.3124	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	3.6288	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	7.2576	1 Cum.

6	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.	-	19.845	Cum
i)	BRM340 : Cement	3.23	64.09935	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	8.93025	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	17.8605	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	7.56	1 Cum	777.61	5878.7316
2	BRM104	0.403704	1Cum.	58573.086	23646.189110544
3	BRM092	19.0512	1Mtr.	229.106	4364.7442272
4	BRM162	5.2	1 Kg.	90.1	468.52
5	BRM341	6.825	1 Qntl.	6415.232	43783.9584
6	BRM340	81.41175	1 Qntl.	624.472	50839.358346
7	BRM028	12.55905	1 Cum	782.55	9828.0845775
8	BRM045	7.2576	1 Cum.	1063.37	7717.514112
9	BRM056	17.8605	1 Cum.	1972.09	35222.513445
Total: 181749.61381824					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	7.56	1 Cum	51.25	387.45

2	BRM028	12.55905	1 Cum	51.25	643.6513125
3	BRM045	7.2576	1 Cum.	158.5	1150.3296
4	BRM056	17.8605	1 Cum.	158.5	2830.88925
Total: 5012.3201625					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 2900	Rs. 2900
2	Display Citizen Board @ Rs. 3000	Rs. 3000
3	Provision for survey investigation and quality control @ Rs. 2084.65	Rs. 2084.65
Total Addition Component Amount (in Rs.): 7984.65		

Total Net Amount (in Rs.): 299999.99674593