

ESTIMATION DPR

State	Odisha	District	Koraput	Block	Semiliguda	Gram Panchayat	Renga
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Work Code	OD/363/3479/119924/907891/00069352 (RCC Drain at Majhi Marua Majhi Sahi)
Project Category	CD Work

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Semiliguda	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.	5463
Fund Sanction Amount (in Rs.)	461104

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	69.3	240.77592	16685.771256
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	7.7	783.813732	6035.3657364

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	7.7	5629.0792075	43343.90989775
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4	<p style="text-align: center;">R.C.C. Work (AR0404Aa) :</p> <p>Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)</p>	Cum	27.72	6183.8114220095	171415.2526181
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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	24.948	8463.8152914	211155.26388985
Total Amount (in Rs.): 448635.5633981					

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>	-	69.3	Cum

	i	Un-Skilled	0.516	35.7588	-
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.	-	7.7	Cum
	i	Un-Skilled	0.1236	0.95172	-
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.	-	7.7	Cum
	i	Skilled	0.18	1.386	-
	ii	Un-Skilled	3.9	30.03	-

4	R.C.C. Work (AR0404Aa) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)	-	27.72	Cum
i	Un-Skilled	1.3333	36.959076	-
ii	Skilled	0.175	4.851	-
iii	Semi-Skilled	0.1323	3.667356	-

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.	-	24.948	Qntl
i	Un-Skilled	0.8	19.9584	-
ii	Highly-Skilled	0.3	7.4844	-
iii	Semi-Skilled	0.044	1.097712	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	123.657996	462	57129.994152
2	Skilled	6.237	562	3505.194
3	Semi-Skilled	4.765068	512	2439.714816
4	Highly-Skilled	7.4844	612	4580.4528
Total:				67655.355768

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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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>	-	69.3	Cum
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>	-	7.7	Cum
i)	<p>BRM029 : Sand for filling and road blinding</p>	1	7.7	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>	-	7.7	Cum
i)	<p>BRM340 : Cement</p>	2.29	17.633	1 Qntl.
ii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.48	3.696	1 Cum

iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	7.392	1 Cum.
4	R.C.C. Work (AR0404Aa) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)	-	27.72	Cum
i)	BRM340 : Cement	3.4733	96.279876	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	12.474	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	9.9792	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	14.9688	1 Cum.

v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.1110186	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.189	5.23908	1Mtr.
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.	-	24.948	Qntl
i)	BRM162 : Binding Wire.	0.8	19.9584	1 Kg.
ii)	BRM341 : Steel	1.05	26.1954	1 Qntl.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	7.7	1 Cum	673.45	5185.565
2	BRM340	113.912876	1 Qntl.	598.445	68170.59107782
3	BRM028	16.17	1 Cum	677.37	10953.0729
4	BRM044	7.392	1 Cum.	1596.76	11803.24992
5	BRM060	9.9792	1 Cum.	2020.18	20159.780256
6	BRM052	14.9688	1 Cum.	1983.8	29695.10544
7	BRM104	0.1110186	1Cum.	58810.886	6529.1022284796
8	BRM092	5.23908	1Mtr.	466.906	2446.15788648
9	BRM162	19.9584	1 Kg.	90.1	1798.25184
10	BRM341	26.1954	1 Qntl.	6248.455	163680.778107
Total: 320421.65465578					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	7.7	1 Cum	45.5	350.35

2	BRM028	16.17	1 Cum	45.5	735.735
3	BRM044	7.392	1 Cum.	202.5	1496.88
4	BRM060	9.9792	1 Cum.	202.5	2020.788
5	BRM052	14.9688	1 Cum.	202.5	3031.182
Total: 7634.935					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 4612	Rs. 4612
2	Display Citizen Board @ Rs. 5000	Rs. 5000
3	Any Other Lumpsum @ Rs. 2856	Rs. 2856
Total Addition Component Amount (in Rs.): 12468		

Total Net Amount (in Rs.): 461103.5633981