

ESTIMATION DPR

State	Odisha	District	Malkangiri	Block	Kalimela	Gram Panchayat	Bhubanpalli
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Work Code	OD/364/3480/120028/431128/00100900 (Const Of CC Draine at MPV 73)
Project Category	CD Work

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Kalimela	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.	843
Fund Sanction Amount (in Rs.)	348381

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	83	240.77592	19984.40136
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	10.5825	581.258232	6151.16524014

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	10.5825	5439.2754928	57561.132902556
4	<p 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	11.069954	8435.1673686	93376.914752703

5	<p style="text-align: center;">R.C.C. Work (AR0404A) : 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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)</p>	Cum	21.26875	5659.431811936	120369.04035011
6	<p style="text-align: center;">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	199.2	216.39264180804	43105.414248162

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	-	83	Cum
i	Un-Skilled	0.516	42.828	-
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.	-	10.5825	Cum
i	Un-Skilled	0.1236	1.307997	-

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>	-	10.5825	Cum
i	Skilled	0.18	1.90485	-
ii	Un-Skilled	3.9	41.27175	-
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>	-	11.069954	Qntl
i	Un-Skilled	0.8	8.8559632	-

	ii	Highly-Skilled	0.3	3.3209862	-
	iii	Semi-Skilled	0.044	0.487077976	-
5		R.C.C. Work (AR0404A) : 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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	21.26875	Cum
	i	Un-Skilled	1.3333	28.357624375	-
	ii	Skilled	0.1	2.126875	-
	iii	Semi-Skilled	0.0573	1.218699375	-

6	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	-	199.2	Sqm
i	Semi-Skilled	0.05	9.96	-
ii	Skilled	0.05	9.96	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	122.621334575	462	56651.05657365
2	Skilled	13.991725	562	7863.34945
3	Highly-Skilled	3.3209862	612	2032.4435544
4	Semi-Skilled	11.665777351	512	5972.878003712
Total:				72519.727581762

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>	-	83	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>	-	10.5825	Cum
i)	<p>BRM029 : Sand for filling and road blinding</p>	1	10.5825	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>	-	10.5825	Cum
i)	<p>BRM340 : Cement</p>	2.29	24.233925	1 Qntl.
ii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.48	5.0796	1 Cum

iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	10.1592	1 Cum.
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.	-	11.069954	Qntl
i)	BRM162 : Binding Wire.	0.8	8.8559632	1 Kg.
ii)	BRM341 : Steel	1.05	11.6234517	1 Qntl.
5	R.C.C. Work (AR0404A) :.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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	21.26875	Cum
i)	BRM340 : Cement	3.4733	73.872749375	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	9.5709375	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	7.65675	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	11.485125	1 Cum.
6	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	-	199.2	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.531864	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	25.0992	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	10.5825	1 Cum	478.15	5060.022375
2	BRM340	98.106674375	1 Qntl.	584.678	57360.814160226
3	BRM028	14.6505375	1 Cum	548.19	8031.278152125
4	BRM044	10.1592	1 Cum.	1388.44	14105.439648
5	BRM162	8.8559632	1 Kg.	90.1	797.92228432
6	BRM341	11.6234517	1 Qntl.	6225.018	72356.196054631
7	BRM060	7.65675	1 Cum.	1811.86	13872.959055
8	BRM052	11.485125	1 Cum.	1775.48	20391.609735

9	BRM104	0.531864	1Cum.	58620.646	31178.211264144
10	BRM092	25.0992	1Mtr.	276.666	6944.0952672
					Total: 230098.54799565

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	10.5825	1 Cum	40.25	425.945625
2	BRM028	14.6505375	1 Cum	80.25	1175.705634375
3	BRM044	10.1592	1 Cum.	299.5	3042.6804
4	BRM060	7.65675	1 Cum.	299.5	2293.196625
5	BRM052	11.485125	1 Cum.	299.5	3439.7949375
					Total: 10377.323221875

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 3405.4806885367
2	Display Citizen Board @ Rs. 4000	Rs. 4000
3	Any Other Lumpsum @ Rs. 427	Rs. 427
		Total Addition Component Amount (in Rs.): 7832.4806885367

Total Net Amount (in Rs.): 348380.54954221