

**ESTIMATION DPR**

<b>State</b>	Odisha	<b>District</b>	Mayurbhanj	<b>Block</b>	Baripada	<b>Gram Panchayat</b>	Badjode
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<b>Work Code</b>	OD/365/3490/120097/390469/00072226 (Construction of CC drain from Prasad Dehuri house to Bijay Nath house at Badjode Colony Sahi)
<b>Project Category</b>	Water Body

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Baripada	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	-	<b>Date of Completion</b>	
<b>Scheme Name</b>	Bikashita Gaon Bikashita Odisha	<b>Scheme Component Name</b>	Viksit Gaon Vikshit Odisha (VGVO)
<b>Project Sub-Category</b>	Drainage Work	<b>Project Type</b>	New Work
<b>Name of Executant</b>			

**Administrative Approval Details**

<b>Approval No.</b>	
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**Technical Sanction Details**

<b>Technical Sanction No.</b>	
<b>Fund Sanction No.</b>	7323
<b>Fund Sanction Amount (in Rs.)</b>	400000

**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;"><b>Earth Work (AR0102aa)</b>  <b>: Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b>  Earth work in hard soil or gravelly soil foundation &amp; 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	68.85	240.77592	16577.422092
2	<p style="text-align: center;"><b>Earth Work (AR0115) :</b>  <b>Filling foundation and plinth with sand well watered and rammed -</b>  Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	7.65	1334.506132	10208.9719098

3	<p style="text-align: center;"><b>Concrete (AR0303) :</b>  <b>Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b> 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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	11.475	6505.1235438	74646.292665105
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4	<p style="text-align: center;"><b>R.C.C. Work (AR0404Aa) :</b></p> <p><b>Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> Reinforced cement concrete work of M-20 grade with 20mm &amp; 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&amp;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	22.215	6928.8923104893	153925.34267752
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5	<p><b>R.C.C. Work (AR0409) :</b>  <b>Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position -</b>  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	13.5	8428.8790379	113789.86701165
6	<p><b>Bridge Works (AR2008) :</b>  <b>Back filling behind abutment, wing wall and return wall using sandy material complete. -</b> Back filling behind abutment, wing wall and return wall using sandy material complete as per drawing and direction of Engineer-in-charge.</p>	Cum	9.5625	1895.4837054	18125.562932888
<b>Total Amount (in Rs.): 387273.45928896</b>					

## LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<p><b>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b>  Earth work in hard soil or gravelly soil foundation &amp; 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>	-	68.85	Cum
i	Un-Skilled	0.516	35.5266	-
2	<p><b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</b>  Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	7.65	Cum
i	Un-Skilled	0.1236	0.94554	-

3	<b>Concrete (AR0303) :</b> <b>Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b> 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.	-	11.475	Cum
i	Skilled	0.18	2.0655	-
ii	Un-Skilled	3.9	44.7525	-

4	<b>R.C.C. Work (AR0404Aa) :</b> <b>Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> 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.)	-	22.215	Cum
i	Un-Skilled	1.3333	29.6192595	-
ii	Skilled	0.175	3.887625	-
iii	Semi-Skilled	0.1323	2.9390445	-

5	<p><b>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 -</b>  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>	-	13.5	Qntl
i	Un-Skilled	0.8	10.8	-
ii	Highly-Skilled	0.3	4.05	-
iii	Semi-Skilled	0.044	0.594	-
6	<p><b>Bridge Works (AR2008) : Back filling behind abutment, wing wall and return wall using sandy material complete. -</b>  Back filling behind abutment, wing wall and return wall using sandy material complete as per drawing and direction of Engineer-in charge.</p>	-	9.5625	Cum
i	Un-Skilled	0.7	6.69375	-
ii	Semi-Skilled	0.028	0.26775	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	128.3376495	462	59291.994069
2	Skilled	5.953125	562	3345.65625
3	Semi-Skilled	3.8007945	512	1946.006784
4	Highly-Skilled	4.05	612	2478.6
				<b>Total: 67062.257103</b>

## MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b> 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	-	<b>68.85</b>	Cum
2	<b>Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed -</b> 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.	-	<b>7.65</b>	Cum
i)	<b>BRM029 : Sand for filling and road blinding</b>	1	7.65	1 Cum

3	<p><b>Concrete (AR0303)</b>  <b>:.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b>  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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	11.475	Cum
i)	<b>BRM340 : Cement</b>	2.29	26.27775	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.48	5.508	1 Cum
iii)	<b>BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)</b>	0.96	11.016	1 Cum.
4	<p><b>R.C.C. Work (AR0404Aa)</b>  <b>:.Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b>  Reinforced cement concrete work of M-20 grade with 20mm &amp; 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&amp;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>	-	22.215	Cum

i)	<b>BRM340</b> : Cement	3.4733	77.1593595	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	9.99675	1 Cum
iii)	<b>BRM060</b> : 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	7.9974	1 Cum.
iv)	<b>BRM052</b> : 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	11.9961	1 Cum.
v)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.088971075	1Cum.
vi)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.189	4.198635	1Mtr.
5	<b>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 -</b> 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.	-	<b>13.5</b>	Qntl
i)	<b>BRM162</b> : Binding Wire.	0.8	10.8	1 Kg.
ii)	<b>BRM341</b> : Steel	1.05	14.175	1 Qntl.

6	<b>Bridge Works(AR2008)</b> :.Back filling behind abutment, wing wall and return wall using sandy material complete. - Back filling behind abutment, wing wall and return wall using sandy material complete as per drawing and direction of Engineer-in charge.	-	9.5625	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1.2	11.475	1 Cum

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	19.125	1 Cum	661.94	12659.6025
2	<b>BRM340</b>	103.4371095	1 Qntl.	650.622	67298.459057109
3	<b>BRM028</b>	15.50475	1 Cum	668.36	10362.75471
4	<b>BRM044</b>	11.016	1 Cum.	1726.96	19024.19136
5	<b>BRM060</b>	7.9974	1 Cum.	2111.71	16888.189554
6	<b>BRM052</b>	11.9961	1 Cum.	2114	25359.7554
7	<b>BRM104</b>	0.088971075	1Cum.	58715.766	5224.0048204684
8	<b>BRM092</b>	4.198635	1Mtr.	371.786	1560.99371211
9	<b>BRM162</b>	10.8	1 Kg.	90	972
10	<b>BRM341</b>	14.175	1 Qntl.	6219.332	88159.0311
<b>Total: 247508.98221369</b>					

#### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	19.125	1 Cum	602.25	11518.03125
2	<b>BRM028</b>	15.50475	1 Cum	602.25	9337.7356875
3	<b>BRM044</b>	11.016	1 Cum.	551.5	6075.324
4	<b>BRM060</b>	7.9974	1 Cum.	149.5	1195.6113
5	<b>BRM052</b>	11.9961	1 Cum.	551.5	6615.84915
<b>Total: 34742.5513875</b>					

#### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 5000	Rs. 5000

2	Any Other Lumpsum @ Rs. 3853.5	Rs. 3853.5
3	Provision for Contingency @ 1%	Rs. 3872.7345928896
<b>Total Addition Component Amount (in Rs.): 12726.23459289</b>		

**Total Net Amount (in Rs.): 399999.69388185**