

ESTIMATION DPR

State	Odisha	District	Balasore	Block	Basta	Gram Panchayat	Kudia
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Work Code	OD/346/3301/275588/392353/00075966 (Construction of Concrete Drain from Subal Jena House to Market Complex at Village Bela)
Project Category	Water Body

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Basta	Proposal Date	26-11-2025
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.	5614
Fund Sanction Amount (in Rs.)	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;">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	78.154368	240.77592	18817.689857219
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	6.44773536	1151.302232	7423.2921113133

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	42.4495449792	6615.46720126	280823.57251831
4	<p 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	1.3859374592	8028.93112962	11127.596409877

5	<p>Plastering (AR1006) : 12mm thick cement plaster (1:4) over brickwork in inside - 12mm thick cement plaster (1:4) over brickwork in inside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc. comp. and as per direction of Engineer-in-charge.</p>	Sqm	199.1468708	196.4446943336	39121.346161799
6	<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	142.3088154	216.23489289764	30772.131456409
Total Amount (in Rs.): 388085.62851493					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement 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>	-	78.154368	Cum
i	Un-Skilled	0.516	40.327653888	-
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>	-	6.44773536	Cum
i	Un-Skilled	0.1236	0.796940090496	-

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>	-	42.4495449792	Cum
i	Skilled	0.18	7.640918096256	-
ii	Un-Skilled	3.9	165.55322541888	-
4	<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 specificaion and direction of Engineer-in charge.</p>	-	1.3859374592	Cum
i	Un-Skilled	4.6	6.37531231232	-

	ii	Skilled	0.68	0.942437472256	-
5		<p>Plastering (AR1006) : 12mm thick cement plaster (1:4) over brickwork in inside - 12mm thick cement plaster (1:4) over brickwork in inside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc. comp. and as per direction of Engineer-in-charge.</p>	-	199.1468708	Sqm
	i	Un-Skilled	0.11	21.906155788	-
	ii	Skilled	0.15	29.87203062	-
6		<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>	-	142.3088154	Sqm
	i	Semi-Skilled	0.05	7.11544077	-

ii	Skilled	0.05	7.11544077	-
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Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	234.9592874977	462	108551.19082394
2	Skilled	45.570826958512	562	25610.804750684
3	Semi-Skilled	7.11544077	512	3643.10567424
Total:				137805.10124886

MATERIAL STATEMENT

Sl.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	-	78.154368	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.	-	6.44773536	Cum
i)	BRM029 : Sand for filling and road blinding	1	6.44773536	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>	-	42.4495449792	Cum
i)	BRM340 : Cement	2.29	97.209458002368	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	20.375781590016	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	40.751563180032	1 Cum.
4	<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 specificaion and direction of Engineer-in charge.</p>	-	1.3859374592	Cum
i)	BRM340 : Cement	3.23	4.476577993216	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.62367185664	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	1.24734371328	1 Cum.
5	Plastering (AR1006) :.12mm thick cement plaster (1:4) over brickwork in inside - 12mm thick cement plaster (1:4) over brickwork in inside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc. comp. and as per direction of Engineer-in-charge.	-	199.1468708	Sqm
i)	BRM340 : Cement	0.0644	12.82505847952	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	2.987203062	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	-	142.3088154	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.379964537118	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	17.9309107404	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	6.44773536	1 Cum	738.55	4761.974950128
2	BRM340	114.5110944751	1 Qntl.	570.467	65324.800531929
3	BRM028	23.986656508656	1 Cum	743.49	17833.839247621
4	BRM044	40.751563180032	1 Cum.	2179.16	88804.176419399
5	BRM056	1.24734371328	1 Cum.	2580.53	3218.8078724304
6	BRM104	0.379964537118	1Cum.	58573.086	22255.695509563
7	BRM092	17.9309107404	1Mtr.	229.106	4108.0792360901
Total: 206307.37376716					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	6.44773536	1 Cum	344.25	2219.63289768
2	BRM028	23.986656508656	1 Cum	344.25	8257.4065031048
3	BRM044	40.751563180032	1 Cum.	522.5	21292.691761567
4	BRM056	1.24734371328	1 Cum.	522.5	651.7370901888
Total: 32421.46825254					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 5000	Rs. 5000
2	Any Other Lumpsum @ Rs. 2913.99	Rs. 2913.99
3	Provision for Contingency @ Rs. 4000	Rs. 4000
Total Addition Component Amount (in Rs.): 11913.99		

Total Net Amount (in Rs.): 399999.61851493