

ESTIMATION DPR

State	Odisha	District	Gajapati	Block	Mohona	Gram Panchayat	Jarrow
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Work Code	OD/353/3360/275044/413706/00070810 (Construction of CC Road from juba SC Sahi to smosan ghat Convergence with MGNREGS)
Project Category	Road

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Mohona	Proposal Date	18-09-2025
Date of Commencement	-	Date of Completion	
Scheme Name	Bikashita Gaon Bikashita Odisha	Scheme Component Name	Viksit Gaon Vikshit Odisha (VGVO)
Project Sub-Category	CC Road	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.	3398
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 (AR0103aa)</p> <p>: Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth within 50m. Initial lead and 1.5m -</p> <p>Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department</p>	Cum	6.725	375.4984464	2525.22705204
2	<p style="text-align: center;">Earth Work (AR0115) :</p> <p>Filling foundation and plinth with sand well watered and rammed -</p> <p>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	19.368	1019.901232	19753.447061376

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	26.093	5862.66954512	152974.63644082
4	<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	53.8	216.26644267972	11635.134616169

5	<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 specificaion and direction of Engineer-in charge.</p>	Cum	14.526	7341.28402444	106639.49173902
Total Amount (in Rs.): 293527.93690942					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement Qty)	Unit
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1	<p>Earth Work (AR0103aa) : Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth within 50m. Initial lead and 1.5m - Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department</p>	-	6.725	Cum
i	Un-Skilled	0.80472	5.411742	-
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>	-	19.368	Cum
i	Un-Skilled	0.1236	2.3938848	-

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>	-	26.093	Cum
i	Skilled	0.18	4.69674	-
ii	Un-Skilled	3.9	101.7627	-
4	<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>	-	53.8	Sqm
i	Semi-Skilled	0.05	2.69	-
ii	Skilled	0.05	2.69	-

5	<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>	-	14.526	Cum
i	Un-Skilled	4.6	66.8196	-
ii	Skilled	0.68	9.87768	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	176.3879268	462	81491.2221816
2	Skilled	17.26442	562	9702.60404
3	Semi-Skilled	2.69	512	1377.28
Total: 92571.1062216				

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 (AR0103aa) :.Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth within 50m. Initial lead and 1.5m - Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department</p>	-	6.725	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>	-	19.368	Cum
i)	BRM029 : Sand for filling and road blinding	1	19.368	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>	-	26.093	Cum
i)	BRM340 : Cement	2.29	59.75297	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	12.52464	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	25.04928	1 Cum.
4	<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>	-	53.8	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.143646	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	6.7788	1Mtr.

5	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.	-	14.526	Cum
i)	BRM340 : Cement	3.23	46.91898	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	6.5367	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	13.0734	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	19.368	1 Cum	673.45	13043.3796
2	BRM340	106.67195	1 Qntl.	619.072	66037.6174304
3	BRM028	19.06134	1 Cum	678.39	12931.0224426
4	BRM044	25.04928	1 Cum.	1596.76	39997.6883328
5	BRM104	0.143646	1Cum.	58582.598	8415.155872308
6	BRM092	6.7788	1Mtr.	238.618	1617.5436984
7	BRM056	13.0734	1 Cum.	1998.13	26122.352742
Total: 168164.76011851					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	19.368	1 Cum	279.25	5408.514
2	BRM028	19.06134	1 Cum	279.25	5322.879195
3	BRM044	25.04928	1 Cum.	269.5	6750.78096

4	BRM056	13.0734	1 Cum.	269.5	3523.2813
					Total: 21005.455455

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 2935.2793690942
2	Display Citizen Board @ Rs. 3536	Rs. 3536
		Total Addition Component Amount (in Rs.): 6471.2793690942

Total Net Amount (in Rs.): 299999.21627851