

ESTIMATION DPR

State	Odisha	District	Puri	Block	Nimapada	Gram Panchayat	Deuna
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Work Code	OD/369/3543/121023/408924/00076042 (CONST. OF CC ROAD FROM MUDULI SAHI TO AISANESWAR TEMPLE , ALIPINGAL)
Project Category	Road

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Nimapada	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	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.	7485
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 (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	21.61704512	240.77592	5204.8639264495
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	19.49894848	591.903632	11541.498425493

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	22.61379648	5936.37367296	134243.94606955
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	26.9790312	216.23489289764	5833.8079220141

5	<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 specificaion and direction of Engineer-in charge.</p>	Cum	18.24734592	7404.63173752	135114.87672474
Total Amount (in Rs.): 291938.99306824					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement 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>	-	21.61704512	Cum

	i	Un-Skilled	0.516	11.15439528192	-
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.	-	19.49894848	Cum
	i	Un-Skilled	0.1236	2.410070032128	-
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.	-	22.61379648	Cum
	i	Skilled	0.18	4.0704833664	-
	ii	Un-Skilled	3.9	88.193806272	-

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>	-	26.9790312	Sqm
i	Semi-Skilled	0.05	1.34895156	-
ii	Skilled	0.05	1.34895156	-
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>	-	18.24734592	Cum
i	Un-Skilled	4.6	83.937791232	-
ii	Skilled	0.68	12.4081952256	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	185.69606281805	462	85791.581021938
2	Skilled	17.827630152	562	10019.128145424
3	Semi-Skilled	1.34895156	512	690.66319872
Total:				96501.372366082

MATERIAL STATEMENT

SI.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	-	21.61704512	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.	-	19.49894848	Cum
i)	BRM029 : Sand for filling and road blinding	1	19.49894848	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>	-	22.61379648	Cum
i)	BRM340 : Cement	2.29	51.7855939392	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	10.8546223104	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	21.7092446208	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>	-	26.9790312	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.072034013304	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	3.3993579312	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.	-	18.24734592	Cum
i)	BRM340 : Cement	3.23	58.9389273216	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	8.211305664	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	16.422611328	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	19.49894848	1 Cum	453.69	8846.4779358912
2	BRM340	110.7245212608	1 Qntl.	572.817	63424.888095048
3	BRM028	19.0659279744	1 Cum	468.19	8926.4768183343
4	BRM044	21.7092446208	1 Cum.	1957.31	42491.721588738
5	BRM104	0.072034013304	1Cum.	58573.086	4219.2544561803
6	BRM092	3.3993579312	1Mtr.	229.106	778.81329818551
7	BRM056	16.422611328	1 Cum.	2368.93	38904.016653239
Total: 167591.64884562					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	19.49894848	1 Cum	75.25	1467.29587312
2	BRM028	19.0659279744	1 Cum	75.25	1434.7110800736
3	BRM044	21.7092446208	1 Cum.	309.5	6719.0112101376

4	BRM056	16.422611328	1 Cum.	309.5	5082.798206016
Total: 14703.816369347					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 3000	Rs. 3000
2	Display Citizen Board @ Rs. 5000	Rs. 5000
3	Any Other Lumpsum @ Rs. 61	Rs. 61
Total Addition Component Amount (in Rs.): 8061		

Total Net Amount (in Rs.): 299999.99306824