

ESTIMATION DPR							
State	Odisha	District	Koraput	Block	Borigumma	Gram Panchayat	Sasahandi

Work Code	OD/363/3468/119759/428131/00068718 (CONSTRUCTION OF C C ROAD FROM SASAHANDI SHIVA MANDIR TO AMBADULIAGUDA)
Project Category	Road

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Borigumma	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.	4023
Fund Sanction Amount (in Rs.)	340000

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	10.9125	240.77592	2627.467227
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	25.14	815.881232	20511.25417248

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	35.99	5529.7338703	199015.1219921
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	26.816	216.55039071844	5807.0152775057

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	15.084	7026.4126521	105986.40844428
Total Amount (in Rs.): 333947.26711336					

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>	-	10.9125	Cum

	i	Un-Skilled	0.516	5.63085	-
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.	-	25.14	Cum
	i	Un-Skilled	0.1236	3.107304	-
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.	-	35.99	Cum
	i	Skilled	0.18	6.4782	-
	ii	Un-Skilled	3.9	140.361	-

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>	-	26.816	Sqm
i	Semi-Skilled	0.05	1.3408	-
ii	Skilled	0.05	1.3408	-
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>	-	15.084	Cum
i	Un-Skilled	4.6	69.3864	-
ii	Skilled	0.68	10.25712	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	218.485554	462	100940.325948
2	Skilled	18.07612	562	10158.77944
3	Semi-Skilled	1.3408	512	686.4896
				Total: 111785.594988

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	-	10.9125	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.	-	25.14	Cum
i)	BRM029 : Sand for filling and road blinding	1	25.14	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>	-	35.99	Cum
i)	BRM340 : Cement	2.29	82.4171	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	17.2752	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	34.5504	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>	-	26.816	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.07159872	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	3.378816	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.	-	15.084	Cum
i)	BRM340 : Cement	3.23	48.72132	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	6.7878	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	13.5756	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	25.14	1 Cum	478.15	12020.691
2	BRM340	131.13842	1 Qntl.	584.177	76608.04878034
3	BRM028	24.063	1 Cum	482.07	11600.05041
4	BRM044	34.5504	1 Cum.	1466.56	50670.234624
5	BRM104	0.07159872	1Cum.	58668.206	4200.5684542963
6	BRM092	3.378816	1Mtr.	324.226	1095.499996416
7	BRM056	13.5756	1 Cum.	1867.93	25358.270508
Total: 181553.36377305					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	25.14	1 Cum	272.55	6851.907
2	BRM028	24.063	1 Cum	272.55	6558.37065
3	BRM044	34.5504	1 Cum.	248.4	8582.31936

4	BRM056	13.5756	1 Cum.	248.4	3372.17904
					Total: 25364.77605

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 3400	Rs. 3400
2	Display Citizen Board @ Rs. 2652.73	Rs. 2652.73
		Total Addition Component Amount (in Rs.): 6052.73

Total Net Amount (in Rs.): 339999.99711336