

ESTIMATION DPR

State	Odisha	District	Sundargarh	Block	Lahunipara	Gram Panchayat	Daleisara
--------------	--------	-----------------	------------	--------------	------------	-----------------------	-----------

Work Code	OD/373/3582/121660/385238/00072849 (Construction of Cement Concrete Road from Tipu House to Sukru House at Barchuan Village)						
Project Category	Road						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Lahunipara	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.	
---------------------	--

Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	4441/ZP
Fund Sanction Amount (in Rs.)	446839

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
-----	----------------	------	----------	---------------------	----------------

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	9.061875	240.77592	2181.88129005
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	31.9515	587.318232	18765.698489748

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	36.56075	6481.49885802	236968.45937335
4	<p 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	72.495	216.86588853924	15721.692589652

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 specificaion and direction of Engineer-in charge.</p>	Cum	20.424515625	7942.28546374	162217.33355237
6	<p>Earth Work (AR0107) : Extra lead of 25m or part there of over the initial lead of 50m for earth work(1st Extra lead 50m to 75m) - Extra lead of 25m or part there of over the initial lead of 50m for earth work in all kinds of embankment androad works and ordinary earth work in general (1st Extra lead 50m to 75m)</p>	Cum	16.11	13.9986	225.517446
Total Amount (in Rs.): 436080.58274117					

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>	-	9.061875	Cum
i	Un-Skilled	0.516	4.6759275	-
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>	-	31.9515	Cum
i	Un-Skilled	0.1236	3.9492054	-

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>	-	36.56075	Cum
i	Skilled	0.18	6.580935	-
ii	Un-Skilled	3.9	142.586925	-
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>	-	72.495	Sqm
i	Semi-Skilled	0.05	3.62475	-
ii	Skilled	0.05	3.62475	-

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>	-	20.424515625	Cum
i	Un-Skilled	4.6	93.952771875	-
ii	Skilled	0.68	13.888670625	-
6	<p>Earth Work (AR0107) : Extra lead of 25m or part there of over the initial lead of 50m for earth work(1st Extra lead 50m to 75m) - Extra lead of 25m or part there of over the initial lead of 50m for earth work in all kinds of embankment androad works and ordinary earth work in general (1st Extra lead 50m to 75m)</p>	-	16.11	Cum
i	Un-Skilled	0.03	0.4833	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	245.648129775	462	113489.43595605
2	Skilled	24.094355625	562	13541.02786125

3	Semi-Skilled	3.62475	512	1855.872
				Total: 128886.3358173

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	-	9.061875	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.	-	31.9515	Cum
i)	BRM029 : Sand for filling and road blinding	1	31.9515	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>	-	36.56075	Cum
i)	BRM340 : Cement	2.29	83.7241175	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	17.54916	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	35.09832	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>	-	72.495	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.19356165	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	9.13437	1Mtr.

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>	-		20.424515625	Cum
i)	BRM340 : Cement	3.23		65.97118546875	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45		9.19103203125	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		18.3820640625	1 Cum.
6	<p>Earth Work (AR0107) :.Extra lead of 25m or part there of over the initial lead of 50m for earth work(1st Extra lead 50m to 75m) - Extra lead of 25m or part there of over the initial lead of 50m for earth work in all kinds of embankment and road works and ordinary earth work in general (1st Extra lead 50m to 75m)</p>	-		16.11	Cum

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	31.9515	1 Cum	478.15	15277.609725
2	BRM340	149.69530296875	1 Qntl.	608.802	91134.799837981
3	BRM028	26.74019203125	1 Cum	613.29	16399.492370845
4	BRM044	35.09832	1 Cum.	2363.16	82942.9458912
5	BRM104	0.19356165	1Cum.	58763.326	11374.326340048

6	BRM092	9.13437	1Mtr.	419.346	3830.46152202
7	BRM056	18.3820640625	1 Cum.	2764.53	50817.767562703
					Total: 271777.4032498

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	31.9515	1 Cum	46.25	1477.756875
2	BRM028	26.74019203125	1 Cum	46.25	1236.7338814453
3	BRM044	35.09832	1 Cum.	329.5	11564.89644
4	BRM056	18.3820640625	1 Cum.	329.5	6056.8901085938
					Total: 20336.277305039

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 4468	Rs. 4468
2	Display Citizen Board @ Rs. 5000	Rs. 5000
3	Any Other Lumpsum @ Rs. 1289	Rs. 1289
		Total Addition Component Amount (in Rs.): 10757

Total Net Amount (in Rs.): 446837.58274117