

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Jharsuguda	<b>Block</b>	Laikera	<b>Gram Panchayat</b>	Pakelpada

<b>Work Code</b>	OD/357/3407/118556/381169/00031484 (Improvement of Road from PWD Raod to Khajuriakhman Utility Center)
<b>Project Category</b>	Road

<b>Financial Year</b>	2023-24	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Laikera	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	29-10-2025	<b>Date of Completion</b>	-
<b>Scheme Name</b>	5th SFC Grant in Aid	<b>Scheme Component Name</b>	All Weather Connectivity
<b>Project Sub-Category</b>	CC Road	<b>Project Type</b>	Upgradation or Improvement
<b>Name of Executant</b>	SWMITI PRAVA NAIK		

### Administrative Approval Details

<b>Approval No.</b>	OD/357/3407/118556/381169/00031484/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/357/3407/118556/381169/00031484/TS
<b>Fund Sanction No.</b>	11827
<b>Fund Sanction Amount (in Rs.)</b>	300000

### MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b> 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	-	<b>20.79585792</b>	Cum

2	<b>Earth Work (AR0115)</b> :.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.	-	<b>51.58188288</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	51.58188288	1 Cum
3	<b>Concrete (AR0303)</b> :.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.	-	<b>22.49486592</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	51.5132429568	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	10.7975356416	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	21.5950712832	1 Cum.

4	<p><b>Concrete (AR0307)</b>  <b>:.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -</b>  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&amp;P required for the work etc. complete as per specifaion and direction of Engineer-in charge.</p>	-	17.94152448	Cum
i)	<b>BRM340</b> : Cement	3.23	57.9511240704	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	8.073686016	1 Cum
iii)	<b>BRM056</b> : 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	16.147372032	1 Cum.
5	<p><b>R.C.C. Work (AR0410c) :.R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc -</b>  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>	-	29.72896	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.0793763232	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	3.74584896	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	51.58188288	1 Cum	407.11	20999.500339277
2	BRM340	109.4643670272	1 Qntl.	564.582	61801.611264951
3	BRM028	18.8712216576	1 Cum	870.81	16433.248531655
4	BRM044	21.5950712832	1 Cum.	1544.68	33357.474709733
5	BRM056	16.147372032	1 Cum.	1946.05	31423.593342874
6	BRM104	0.0793763232	1Cum.	58620.646	4653.0913430888
7	BRM092	3.74584896	1Mtr.	276.666	1036.3490483674
					<b>Total: 169704.86857995</b>