

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Koraput	<b>Block</b>	Semiliguda	<b>Gram Panchayat</b>	Parajamuthai

<b>Work Code</b>	OD/363/3479/119921/429899/00070708 (Imp. of road with CC/Gr-II metaling at K.Lakija PS)
<b>Project Category</b>	Road

<b>Financial Year</b>	2024-25	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Semiliguda	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	-	<b>Date of Completion</b>	
<b>Scheme Name</b>	5th SFC Grant in Aid	<b>Scheme Component Name</b>	Maintenance and improvement of Road infrastructure
<b>Project Sub-Category</b>	CC Road	<b>Project Type</b>	New Work
<b>Name of Executant</b>			

### Administrative Approval Details

<b>Approval No.</b>	
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### Technical Sanction Details

<b>Technical Sanction No.</b>	
<b>Fund Sanction No.</b>	31142
<b>Fund Sanction Amount (in Rs.)</b>	186532

### 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;"><b>Earth Work (AR0102aa)</b>  <b>: 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 &amp; 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	2.6082	240.77592	627.991754544
2	<p style="text-align: center;"><b>Earth Work (AR0115) :</b>  <b>Filling foundation and plinth with sand well watered and rammed -</b>  Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	13.797	586.560732	8092.778419404

3	<p style="text-align: center;"><b>Concrete (AR0303) :</b>  <b>Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b> - 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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	16.4052	5515.4614795	90482.248663493
4	<p style="text-align: center;"><b>R.C.C. Work (AR0410c) :</b>  <b>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>	Sqm	35.91	216.9289881034	7789.9199627931

5	<p align="center"><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 specificaion and direction of Engineer-in charge.</p>	Cum	10.34775	7028.6408535	72730.618391805
<b>Total Amount (in Rs.): 179723.55719204</b>					

## LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement Qty)	Unit
1	<p><b>Earth Work (AR0102aa) :</b> Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation &amp; 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>	-	2.6082	Cum

	i	Un-Skilled	0.516	1.3458312	-
2		<b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</b> 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.	-	13.797	Cum
	i	Un-Skilled	0.1236	1.7053092	-
3		<b>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b> 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.	-	16.4052	Cum
	i	Skilled	0.18	2.952936	-
	ii	Un-Skilled	3.9	63.98028	-

4	<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>	-	35.91	Sqm
i	Semi-Skilled	0.05	1.7955	-
ii	Skilled	0.05	1.7955	-
5	<p><b>Concrete (AR0307) : 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>	-	10.34775	Cum
i	Un-Skilled	4.6	47.59965	-
ii	Skilled	0.68	7.03647	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	114.6310704	462	52959.5545248
2	Skilled	11.784906	562	6623.117172
3	Semi-Skilled	1.7955	512	919.296
<b>Total: 60501.9676968</b>				

## 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>2.6082</b>	Cum
2	<b>Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed -</b> 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>13.797</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	13.797	1 Cum

3	<p><b>Concrete (AR0303)</b>  <b>:.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b>  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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	16.4052	Cum
i)	<b>BRM340</b> : Cement	2.29	37.567908	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	7.874496	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	15.748992	1 Cum.
4	<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>	-	35.91	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.0958797	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	4.52466	1Mtr.

5	<b>Concrete (AR0307) :.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&P required for the work etc. complete as per specifaion and direction of Engineer-in charge.	-	10.34775	Cum
i)	<b>BRM340 : Cement</b>	3.23	33.4232325	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.45	4.6564875	1 Cum
iii)	<b>BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve &amp; retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)</b>	0.9	9.312975	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	13.797	1 Cum	478.15	6597.03555
2	<b>BRM340</b>	70.9911405	1 Qntl.	598.445	42484.293076523
3	<b>BRM028</b>	12.5309835	1 Cum	521.13	6530.271431355
4	<b>BRM044</b>	15.748992	1 Cum.	1557.7	24532.2048384
5	<b>BRM104</b>	0.0958797	1Cum.	58782.35	5636.034083295
6	<b>BRM092</b>	4.52466	1Mtr.	438.37	1983.4752042
7	<b>BRM056</b>	9.312975	1 Cum.	1959.07	18244.76993325
<b>Total: 106008.08411702</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	13.797	1 Cum	45.5	627.7635
2	<b>BRM028</b>	12.5309835	1 Cum	45.5	570.15974925
3	<b>BRM044</b>	15.748992	1 Cum.	202.5	3189.17088

4	BRM056	9.312975	1 Cum.	202.5	1885.8774375
					<b>Total: 6272.97156675</b>

#### ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1866	Rs. 1866
2	Display Citizen Board @ Rs. 3076	Rs. 3076
3	Any Other Lumpsum @ Rs. 1866	Rs. 1866
		<b>Total Addition Component Amount (in Rs.): 6808</b>

**Total Net Amount (in Rs.): 186531.55719204**