

**ESTIMATION DPR**

<b>State</b>	Odisha	<b>District</b>	Kendujhar	<b>Block</b>	Kendujhar Sadar	<b>Gram Panchayat</b>	Parjanpur
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<b>Work Code</b>	OD/361/3452/119467/385979/00016993 (Const. of CC Road from AWC To Naik Sahi At Nuadihi In Parjanpur Gp)		
<b>Project Category</b>	Road		

<b>Financial Year</b>	2024-25	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Kendujhar Sadar	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	-	<b>Date of Completion</b>	
<b>Scheme Name</b>	Chief Minister Special Assistant	<b>Scheme Component Name</b>	Special Problem Fund (SPF) 16 th Phase
<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>	2016
<b>Fund Sanction Amount (in Rs.)</b>	500000

**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) : 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</b></p>	Cum	5.176877376	240.77592	1246.4674129336
2	<p style="text-align: center;"><b>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 &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</b></p>	Cum	23.511651416	1118.133832	26289.17289442

3	<p><b>Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal -</b>  Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	34.45211893728	5997.84818146	206638.57891541
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4	<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 specificaion and direction of Engineer-in charge.</p>	Cum	31.061264256	7715.74905702	239660.92039308
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5	<p><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	68.45278846	216.23489289764	14801.881381193
<b>Total Amount (in Rs.): 488637.02099704</b>					

### LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<p><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 &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>	-	5.176877376	Cum
i	Un-Skilled	0.516	2.671268726016	-
2	<p><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 &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	23.511651416	Cum
i	Un-Skilled	0.1236	2.9060401150176	-

3	<b>Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal -</b> Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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.	-	34.45211893728	Cum
i	Un-Skilled	3.9	134.36326385539	-
ii	Skilled	0.18	6.2013814087104	-

4	<p><b>Concrete (AR0307)</b>  <b>: 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&amp;P required for the work etc. complete as per specificaion and direction of Engineer-in charge.</b></p>	-	31.061264256	Cum
i	Un-Skilled	4.6	142.8818155776	-
ii	Skilled	0.68	21.12165969408	-

5	<b>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</b>	-	68.45278846	Sqm
i	Semi-Skilled	0.05	3.422639423	-
ii	Skilled	0.05	3.422639423	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
2	Un-Skilled	282.82238827403	462	130663.9433826
4	Skilled	30.74568052579	562	17279.072455494
3	Semi-Skilled	3.422639423	512	1752.391384576
<b>Total: 149695.40722267</b>				

## MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<p><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 &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>	-	5.176877376	Cum
2	<p><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 &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	23.511651416	Cum
i)	<p><b>BRM029</b> : Sand for filling and road blinding</p>	1	23.511651416	1 Cum

3	<p><b>Concrete (AR0303a)</b>  <b>:.Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal -</b>  Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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>	-	<b>34.45211893728</b>	Cum
i)	<b>BRM340 : Cement</b>	2.29	78.895352366371	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.48	16.537017089894	1 Cum
iii)	<b>BRM045 : Granite Stone broken metal 40mm. size (Hand broken)</b>	0.96	33.074034179789	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>	-	<b>31.061264256</b>	Cum

i)	<b>BRM340</b> : Cement	3.23	100.32788354688	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	13.9775689152	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	27.9551378304	1 Cum.
5	<b>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</b>	-	<b>68.45278846</b>	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.1827689451882	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.126	8.62505134596	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	23.511651416	1 Cum	999.71	23504.833037089
2	<b>BRM340</b>	179.22323591325	1 Qntl.	578.357	103655.01305308
3	<b>BRM028</b>	30.514586005094	1 Cum	1009.71	30810.882635204
4	<b>BRM045</b>	33.074034179789	1 Cum.	1507.75	49867.375034577

5	<b>BRM056</b>	27.9551378304	1 Cum.	2127.75	59481.544518634
6	<b>BRM104</b>	0.1827689451882	1Cum.	58573.086	10705.341144638
7	<b>BRM092</b>	8.62505134596	1Mtr.	229.106	1976.0510136675
<b>Total: 280001.04043689</b>					

### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	23.511651416	1 Cum	50.25	1181.460483654
2	<b>BRM028</b>	30.514586005094	1 Cum	50.25	1533.357946756
3	<b>BRM045</b>	33.074034179789	1 Cum.	424.5	14039.92750932
4	<b>BRM056</b>	27.9551378304	1 Cum.	424.5	11866.956009005
<b>Total: 28621.701948735</b>					

### ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 5000	Rs. 5000
2	Display Citizen Board @ Rs. 2500	Rs. 2500
3	Any Other Lumpsum @ Rs. 3862.97	Rs. 3862.97
<b>Total Addition Component Amount (in Rs.): 11362.97</b>		

**Total Net Amount (in Rs.): 499999.99099704**