

ESTIMATION DPR

State	Odisha	District	Nuapada	Block	Nuapada	Gram Panchayat	Beltukri
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Work Code	OD/368/3534/120828/421611/00016413 (Improvement Of Road From Main Road To Firm House Of Mukesh Chandrakar At Barakothi)		
Project Category	Road		

Financial Year	2024-25	Execution Level	ps
Executing Agency	Panchayat Samiti, Nuapada	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	All Weather Connectivity
Project Sub-Category	CC Road	Project Type	Upgradation or Improvement
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	600000

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 (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	55.115	449.756232	24788.31472668
2	<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	55.115	5215.92793484	287475.86812871

3	<p align="center">R.C.C. Work (AR0401) : R.C.C work - 'Reinforced cement concrete (1:2:4) work with 12mm size black hard crusher broken granite 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 and as per direction of Engineer-in charge. (To be used for minor repair work only)</p>	Cum	41.33625	6712.03893908	277450.51959555
Total Amount (in Rs.): 589714.70245093					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<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>	-	55.115	Cum
i	Un-Skilled	0.1236	6.812214	-
2	<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>	-	55.115	Cum
i	Skilled	0.18	9.9207	-
ii	Un-Skilled	3.9	214.9485	-

3	R.C.C. Work (AR0401) : R.C.C work - Reinforced cement concrete (1:2:4) work with 12mm size black hard crusher broken granite 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 and as per direction of Engineer-in charge. (To be used for minor repair work only)	-	41.33625	Cum
i	Un-Skilled	4.6	190.14675	-
ii	Skilled	0.68	28.10865	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
2	Un-Skilled	411.907464	462	190301.248368
4	Skilled	38.02935	562	21372.4947
Total:				211673.743068

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	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.	-	55.115	Cum
i)	BRM029 : Sand for filling and road blinding	1	55.115	1 Cum
2	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.	-	55.115	Cum
i)	BRM340 : Cement	2.29	126.21335	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	26.4552	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	52.9104	1 Cum.

3	R.C.C. Work (AR0401) :R.C.C work - 'Reinforced cement concrete (1:2:4) work with 12mm size black hard crusher broken granite 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 and as per direction of Engineer-in charge. (To be used for minor repair work only)	-		41.33625	Cum
i)	BRM340 : Cement	3.23		133.5160875	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45		18.6013125	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		37.202625	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	55.115	1 Cum	347.95	19177.26425
2	BRM340	259.7294375	1 Qntl.	528.292	137212.98399575
3	BRM028	45.0565125	1 Cum	352.89	15899.992696125
4	BRM044	52.9104	1 Cum.	1466.56	77596.276224
5	BRM056	37.202625	1 Cum.	1867.93	69491.89931625
Total: 319378.41648213					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
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1	BRM029	55.115	1 Cum	40.25	2218.37875
2	BRM028	45.0565125	1 Cum	40.25	1813.524628125
3	BRM044	52.9104	1 Cum.	149.5	7910.1048
4	BRM056	37.202625	1 Cum.	149.5	5561.7924375
Total: 17503.800615625					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 5897.1470245093
2	Display Citizen Board @ Rs. 3000	Rs. 3000
3	Any Other Lumpsum @ Rs. 1388	Rs. 1388
Total Addition Component Amount (in Rs.): 10285.147024509		

Total Net Amount (in Rs.): 599999.84947544