

ESTIMATION DPR

State	Odisha	District	Nuapada	Block	Nuapada	Gram Panchayat	Dumerpani
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Work Code	OD/368/3534/120838/421695/00016858 (Const.of CC Road from Canalpada ,Dumerpani)		
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	Maintenance and improvement of Road infrastructure
Project Sub-Category	CC Road	Project Type	New Work
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	1130
Fund Sanction Amount (in Rs.)	800000

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	73.09769544	449.756232	32876.144068978
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	73.09769544	5093.74611384	372341.10207816

3	<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>	Cum	55.377042	6584.48634208	364629.37671379
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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>	Sqm	80.2867726	216.39264180804	17373.466825155
Total Amount (in Rs.): 787220.08968608					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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>	-	73.09769544	Cum

	i	Un-Skilled	0.1236	9.034875156384	-
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.	-	73.09769544	Cum
	i	Skilled	0.18	13.1575851792	-
	ii	Un-Skilled	3.9	285.081012216	-

3	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.	-	55.377042	Cum
i	Un-Skilled	4.6	254.7343932	-
ii	Skilled	0.68	37.65638856	-

4	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	-	80.2867726	Sqm
i	Semi-Skilled	0.05	4.01433863	-
ii	Skilled	0.05	4.01433863	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
2	Un-Skilled	548.85028057238	462	253568.82962444
4	Skilled	54.8283123692	562	30813.51155149
3	Semi-Skilled	4.01433863	512	2055.34137856
Total: 286437.68255449				

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.	-	73.09769544	Cum
i)	BRM029 : Sand for filling and road blinding	1	73.09769544	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.	-	73.09769544	Cum
i)	BRM340 : Cement	2.29	167.3937225576	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	35.0868938112	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	70.1737876224	1 Cum.

3	<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>	-	55.377042	Cum
i)	BRM340 : Cement	3.23	178.86784566	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	24.9196689	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	49.8393378	1 Cum.

4	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	-	80.2867726	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.214365682842	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	10.1161333476	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	73.09769544	1 Cum	347.95	25434.343128348
2	BRM340	346.2615682176	1 Qntl.	516.402	178810.16635071
3	BRM028	60.0065627112	1 Cum	417.99	25082.143147654
4	BRM044	70.1737876224	1 Cum.	1336.36	93777.44282707
5	BRM056	49.8393378	1 Cum.	1737.73	86607.312475194
6	BRM104	0.214365682842	1Cum.	58620.646	12566.254808429
7	BRM092	10.1161333476	1Mtr.	276.666	2798.7901487471
Total: 425076.45288615					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	73.09769544	1 Cum	40.25	2942.18224146
2	BRM028	60.0065627112	1 Cum	40.25	2415.2641491258
3	BRM044	70.1737876224	1 Cum.	149.5	10490.981249549

4	BRM056	49.8393378	1 Cum.	149.5	7450.9810011
					Total: 23299.408641235

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 7872.2008968608
2	Display Citizen Board @ Rs. 3000	Rs. 3000
3	Any Other Lumpsum @ Rs. 1500	Rs. 1500
		Total Addition Component Amount (in Rs.): 12372.200896861

Total Net Amount (in Rs.): 799592.29058294