

ESTIMATION DPR							
State	Odisha	District	Nuapada	Block	Nuapada	Panchayat	Jampani
Work Code	OD/368/3534/120840/421652/00016862 (Imp.of Road with cc/Gr-ii Metaling with Culvert from Katapada to Balipada)						
Project Category	Road						
Financial Year	2024-25		Execution Level		Jampani, G.P		
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	Mettalling Road		Project Type		Upgradation or Improvement		
Name of Executant							

Administrative Approval Details

Approval No.	
---------------------	--

Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	1130
Fund Sanction Amount (in Rs.)	418000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
-----	----------------	------	----------	---------------------	----------------

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	36.135	531.610672	19209.75163272
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	36.135	5392.68063356	194864.51469369

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>	Cum	27.10125	6938.35354172	188038.05392254
---	--	-----	----------	---------------	-----------------

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	38.325	215.22489289764	8248.4940203021
Total Amount (in Rs.): 410360.81426925					

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>	36.135	531.610672	Cum

	i	Un-Skilled	0.1236	4.466286	-
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.	36.135	5392.68063356	Cum
	i	Skilled	0.18	6.5043	-
	ii	Un-Skilled	3.9	140.9265	-

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.	27.10125	6938.35354172	Cum
i	Un-Skilled	4.6	124.66575	-
ii	Skilled	0.68	18.42885	-

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	38.325	215.22489289764	Sqm
i	Semi-Skilled	0.05	1.91625	-
ii	Skilled	0.05	1.91625	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
2	Un-Skilled	270.058536	452	122066.458272
4	Skilled	26.8494	552	14820.8688
3	Semi-Skilled	1.91625	502	961.9575
Total: 137849.284572				

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
--------	------------------------	---	---------------------------	------

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.	-	36.135	Cum
i)	BRM029 : Sand for filling and road blinding	1	36.135	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.	-	36.135	Cum
i)	BRM340 : Cement	2.29	82.74915	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	17.3448	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	34.6896	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>	-	27.10125	Cum
i)	BRM340 : Cement	3.23	87.5370375	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	12.1955625	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	24.391125	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	-	38.325	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.10232775	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	4.82895	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	36.135	1 Cum	413.05	14925.56175
2	BRM340	170.2861875	1 Qntl.	579.99	98764.285888125
3	BRM028	29.5403625	1 Cum	483.09	14270.653720125
4	BRM044	34.6896	1 Cum.	1401.46	48616.086816
5	BRM056	24.391125	1 Cum.	1802.83	43973.05188375
6	BRM104	0.10232775	1Cum.	58573.086	5993.6521009365
7	BRM092	4.82895	1Mtr.	229.106	1106.3414187
Total: 227649.63357764					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	36.135	1 Cum	57.43	2075.23305
2	BRM028	29.5403625	1 Cum	57.43	1696.503018375
3	BRM044	34.6896	1 Cum.	201.5	6989.9544

4	BRM056	24.391125	1 Cum.	201.5	4914.8116875
					Total: 15676.502155875

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 4180	Rs. 4180
2	Display Citizen Board @ Rs. 3450	Rs. 3450
		Total Addition Component Amount (in Rs.): 7630

Total Net Amount (in Rs.): 417990.81426925