

ESTIMATION DPR							
State	Odisha	District	Nayagarh	Block	Nayagarh	Panchayat	Champatipur
Work Code	OD/367/3527/120660/406280/00013775 (CONST OF C.C ROAD FROM NUA POKHARI TO SMASAN AT CHAMPATIPUR)						
Project Category	Building						
Financial Year	2023-24			Execution Level	Champatipur, G.P		
Executing Agency	Panchayat Samiti, Nayagarh			Proposal Date	17-11-2023		
Date of Commencement	-			Date of Completion			
Scheme Name	5th SFC Grant in Aid			Scheme Component Name	All Weather Connectivity		
Project Sub-Category	AWC			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.	12804
Fund Sanction Amount (in Rs.)	143788

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 (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - 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</p>	Cum	8.8	235.56432	2072.966016
2	<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	12.1	779.535372	9432.3780012

3	<p>Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - 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.</p>	Cum	15.172	5130.2318043	77835.87693484
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4	<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	7.18	6905.5061581	49581.534215158
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5	<p style="text-align: center;">R.C.C.</p> <p>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	19.2	215.22489289764	4132.3179436347
Total Amount (in Rs.): 143055.07311083					

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 (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - 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</p>	8.8	235.56432	Cum
i	Un-Skilled	0.516	4.5408	-
2	<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>	12.1	779.535372	Cum
i	Un-Skilled	0.1236	1.49556	-

3	Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - 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.	15.172	5130.2318043	Cum
i	Un-Skilled	3.9	59.1708	-
ii	Skilled	0.18	2.73096	-

4	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.	7.18	6905.5061581	Cum
i	Un-Skilled	4.6	33.028	-
ii	Skilled	0.68	4.8824	-

5	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	19.2	215.22489289764	Sqm
i	Semi-Skilled	0.05	0.96	-
ii	Skilled	0.05	0.96	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
2	Un-Skilled	98.23516	452	44402.29232
4	Skilled	8.57336	552	4732.49472
3	Semi-Skilled	0.96	502	481.92
Total: 49616.70704				

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>Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - 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</p>	-	8.8	Cum
2	<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>	-	12.1	Cum
i)	<p>BRM029 : Sand for filling and road blinding</p>	1	12.1	1 Cum

3	<p>Concrete (AR0303a) :.Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - 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.</p>	-	15.172	Cum
i)	BRM340 : Cement	2.29	34.74388	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	7.28256	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	14.56512	1 Cum.
4	<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>	-	7.18	Cum

i)	BRM340 : Cement	3.23	23.1914	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	3.231	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	6.462	1 Cum.
5	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	-	19.2	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.051264	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	2.4192	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	12.1	1 Cum	410.7	4969.47
2	BRM340	57.93528	1 Qntl.	579.287	33561.15454536
3	BRM028	10.51356	1 Cum	417.13	4385.5212828
4	BRM045	14.56512	1 Cum.	1038.44	15125.0032128

5	BRM056	6.462	1 Cum.	1672.63	10808.53506
6	BRM104	0.051264	1Cum.	58573.086	3002.690680704
7	BRM092	2.4192	1Mtr.	229.106	554.2532352
Total: 72406.628016864					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	12.1	1 Cum	305.25	3693.525
2	BRM028	10.51356	1 Cum	305.25	3209.26419
3	BRM045	14.56512	1 Cum.	199.5	2905.74144
4	BRM056	6.462	1 Cum.	199.5	1289.169
Total: 11097.69963					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 500	Rs. 500
2	Any Other Lumpsum @ Rs. 232.58	Rs. 232.58
Total Addition Component Amount (in Rs.): 732.58		

Total Net Amount (in Rs.): 143787.65311083