

ESTIMATION DPR							
State	Odisha	District	Kendrapara	Block	Derabish	Panchayat	Benipur
Work Code	OD/360/3435/119054/396553/00014475 (CONST OF CC ROAD FROM RD ROAD TO 8A CANAL NEW CLUB VILL-BAZAR)						
Project Category	Road						
Financial Year	2024-25		Execution Level		Benipur, G.P		
Executing Agency	Panchayat Samiti, Derabish		Proposal Date		-		
Date of Commencement	-		Date of Completion				
Scheme Name	SFC Devolution of Fund		Scheme Component Name		5TH SFC DEVOLUTION GRANT TO PANCHAYAT SAMITI		
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.	
Fund Sanction Amount (in Rs.)	300000

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 (AR0101aa) : Earthwork in ordinary soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift - Earthwork in ordinary soil in foundation and 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 direction of the Engineer-in-charge per 100 cum</p>	Cum	3.6224999427795	175.30368041992	635.03757229021
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	16.42200088501	749.27575683594	12304.607141876

3	<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>	Cum	22.459499359131	6100.7065429688	137018.81469205
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4	<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 centering 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	48.299999237061	215.22489929199	10395.3624716
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1	<p>Earth Work (AR0101 aa) : Earthwork in ordinary soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift</p> <p>- Earthwork in ordinary soil in foundation and 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 direction of the Engineer-in-charge per 100 cum</p>	3.622499 9427795	Cubic Meter	0.384	1.391039 9780273	-	-	-	-
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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>	16.42200 088501	Cubic Meter	0.1236	2.029759 3093872	-	-	-	-
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3	<p>Concrete</p> <p>(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>	22.45949 9359131	Cubic Meter	3.9	87.59204 750061	-	-	0.18	4.042709 8846436
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4	R.C.C. Work (AR0410 c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centering 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	48.29999 9237061	Square Meter	-	-	0.05	2.414999 961853	0.05	2.414999 961853
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5	<p>Concrete</p> <p>(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 and as per direction of Engineer-in charge.</p>	17.62949 9435425	Cubic Meter	4.6	81.09569 7402954	-	-	0.68	11.98805 9616089
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Total Qty	172.10854419098	18.445769462585	2.414999961853
Rate Per Man Day	452	552	502
Total Amount	77793.061974322	10182.064743347	1212.3299808502
Total Labour Amount (in Rs.): 89187.45669852			

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.	-	16.42200088501	Cum
i)	BRM029 : Sand for filling and road blinding	1	16.42200088501	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.	-	22.459499359131	Cum

i)	BRM340 : Cement	2.29	51.43225353241	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	10.780559692383	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	21.561119384766	1 Cum.
3	R.C.C. Work (AR0410c) :.R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centering 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	-	48.299999237061	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.12896099796295	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	6.0857999038696	1Mtr.

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 and as per direction of Engineer-in charge.	-	17.629499435425	Cum
i)	BRM340 : Cement	3.23	56.943283176422	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	7.9332747459412	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	15.866549491882	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	16.42200088501	1 Cum	535.49	8793.8172539139
2	BRM340	51.43225353241	1 Qntl.	578.122	29734.117276664
3	BRM028	10.780559692383	1 Cum	543.12	5855.137580127
4	BRM044	21.561119384766	1 Cum.	1796.75	38739.941254578
5	BRM104	0.1289609979629 5	1Cum.	58573.086	7553.6436243298
6	BRM092	6.0857999038696	1Mtr.	229.106	1394.293272776
7	BRM340	56.943283176422	1 Qntl.	578.122	32920.16475652

8	BRM028	7.9332747459412	1 Cum	543.12	4308.7201800156
9	BRM056	15.866549491882	1 Cum.	2240.13	35543.13351325
Total: 164842.96871217					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	16.42200088501	1 Cum	150.5	2471.511133194
2	BRM028	10.780559692383	1 Cum	150.5	1622.4742337036
3	BRM044	21.561119384766	1 Cum.	464	10004.359394531
4	BRM028	7.9332747459412	1 Cum	150.5	1193.9578492641
5	BRM056	15.866549491882	1 Cum.	464	7362.0789642334
Total: 22654.381574926					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 2950.1547930852
2	Display Citizen Board @ Rs. 2034	Rs. 2034
Total Addition Component Amount (in Rs.): 4984.1547930852		

Total Net Amount (in Rs.): 299999.6341016