

ESTIMATION DPR							
State	Odisha	District	Mayurbhanj	Block	Baripada	Panchayat	Laxmiposi
Work Code	OD/365/3490/120105/389159/00014351 (CONSTRUCTION OF CC DRAIN FROM KARMA SINGH HOUSE TO SANDAHARAT KAINFULIA)						
Project Category	Road						
Financial Year	2024-25	Execution Level			Laxmiposi, G.P		
Executing Agency	Panchayat Samiti, Baripada	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.)	202038

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 (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil 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	33	196.3036	6478.0188
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	8.25	1228.056172	10131.463419

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	20.5	5983.72042872	122666.26878876
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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	120	215.38264180804	25845.917016965
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5	<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 and as per direction of Engineer-in charge.</p>	Cum	1.125	7324.66277764	8240.245624845
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1	<p>Earth Work (AR0102 a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil 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>	33	Cubic Meter	0.43	14.19	-	-	-	-
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2	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.	8.25	Cubic Meter	0.1236	1.0197	-	-	-	-
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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>	20.5	Cubic Meter	3.9	79.95	-	-	0.18	3.69
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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	120	Square Meter	-	-	0.05	6	0.05	6
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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>	1.125	Cubic Meter	4.6	5.175	-	-	0.68	0.765
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6	Plasterin g (AR1006) : 12mm thick cement plaster (1:4) over brickwor k in inside - 12mm thick cement plaster (1:4) over brickwor k in inside with cement punning for skirting/w all punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyan ce, royalty, taxes of all materials, labor, and T & P required for the work, etc. comp. and as per direction of Engineer- in-charge.	135	Square Meter	0.11	14.85	-	-	0.15	20.25
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Total Qty	115.1847	30.705	6
Rate Per Man Day	452	552	502
Total Amount	52063.4844	16949.16	3012
Total Labour Amount (in Rs.): 72024.6444			

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0102a) :.Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil 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	-	33	Cum
2	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.	-	8.25	Cum
i)	BRM029 : Sand for filling and road blinding	1	8.25	1 Cum

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>	-	20.5	Cum
i)	BRM340 : Cement	2.29	46.945	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	9.84	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	19.68	1 Cum.
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 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>	-	120	Sqm

i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.3204	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	15.12	1Mtr.
5	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.	-	1.125	Cum
i)	BRM340 : Cement	3.23	3.63375	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.50625	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	1.0125	1 Cum.

6	Plastering (AR1006) :.12mm thick cement plaster (1:4) over brickwork in inside - 12mm thick cement plaster (1:4) over brickwork in inside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc. comp. and as per direction of Engineer-in-charge.	-	135	Sqm
i)	BRM340 : Cement	0.0644	8.694	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	2.025	1 Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	8.25	1 Cum	557.78	4601.685
2	BRM340	59.27275	1 Qntl.	459.642	27244.2453555
3	BRM028	12.37125	1 Cum	564.2	6979.85925
4	BRM044	19.68	1 Cum.	1713.94	33730.3392
5	BRM104	0.3204	1Cum.	58620.646	18782.0549784
6	BRM092	15.12	1Mtr.	276.666	4183.18992
7	BRM056	1.0125	1 Cum.	2115.31	2141.751375
Total: 97663.1250789					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	8.25	1 Cum	602.25	4968.5625
2	BRM028	12.37125	1 Cum	602.25	7450.5853125
3	BRM044	19.68	1 Cum.	551.5	10853.52
4	BRM056	1.0125	1 Cum.	551.5	558.39375
Total: 23831.0615625					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 1989.0733156866
2	Display Citizen Board @ Rs. 1141.5	Rs. 1141.5
Total Addition Component Amount (in Rs.): 3130.5733156866		

Total Net Amount (in Rs.): 202037.90488435