

ESTIMATION DPR							
State	Odisha	District	Ganjam	Block	Patrapur	Gram Panchayat	Tandipur

Work Code	OD/354/3379/117894/413152/00052877 (CONST OF CC ROAD AND PAVER BLOCK ROAD AT PWD ROAD AT PANASA KHOLA)						
Project Category	Road						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Patrapur	Proposal Date	-
Date of Commencement	14-11-2025	Date of Completion	-
Scheme Name	Chief Minister Special Assistant	Scheme Component Name	Special Problem Fund (SPF) 16 th Phase
Project Sub-Category	Pavor Block	Project Type	New Work
Name of Executant	SUNIL KUMAR JANI		

Administrative Approval Details

Approval No.	OD/354/3379/117894/413152/00052877/AS
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Technical Sanction Details

Technical Sanction No.	OD/354/3379/117894/413152/00052877/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	1000000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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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>	Cum	36.8253	240.77592	4019.46468
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>	Cum	108.3431	572.087432	4019.46468

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	28.23273	5390.93982786	4019.46468
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	245.502	216.39264180804	4019.46468

5	<p>miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC - Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.</p>	Sqm	960.68	625.6326	4019.46468
6	<p>Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation - Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.</p>	Sqm	861.4	4.6662	4019.46468

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	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	-	36.8253	Cum
i	Un-Skilled	0.516	19.0018548	-
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.	-	108.3431	Cum
i	Un-Skilled	0.1236	13.39120716	-

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>	-	28.23273	Cum
i	Skilled	0.18	5.0818914	-
ii	Un-Skilled	3.9	110.107647	-
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>	-	245.502	Sqm
i	Semi-Skilled	0.05	12.2751	-
ii	Skilled	0.05	12.2751	-

5	<p>miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC -</p> <p>Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.</p>	-	960.68	Sqm
6	<p>Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation -</p> <p>Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.</p>	-	861.4	Sqm
i	Un-Skilled	0.01	8.614	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	151.11470896	462	69814.99553952
1	Skilled	17.3569914	562	9754.6291668

2	Semi-Skilled	12.2751	512	6284.8512
				Total: 85854.47590632

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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	-	36.8253	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.	-	108.3431	Cum
i)	BRM029 : Sand for filling and road blinding	1	108.3431	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>	-	28.23273	Cum
i)	BRM340 : Cement	2.29	64.6529517	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	13.5517104	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	27.1034208	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 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>	-	245.502	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.65549034	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	30.933252	1Mtr.

5	<p>miscellaneous(ARM28 7) :.Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC -</p> <p>Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.</p>	-	960.68	Sqm
i)	BRM029 : Sand for filling and road blinding	0.03	28.8204	1 Cum
ii)	BRMM287 : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items)	1	960.68	1 Sqm
6	<p>Earth Work (AR0110) :.Fine dressing of earth work in ordinary or hard soil in road formation -</p> <p>Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.</p>	-	861.4	Sqm

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	137.1635	1 Cum	469.07	64339.282945
2	BRM340	64.6529517	1 Qntl.	598.962	38724.661256135
3	BRM028	13.5517104	1 Cum	537.54	7284.586408416
4	BRM044	27.1034208	1 Cum.	1466.56	39748.792808448
5	BRM104	0.65549034	1Cum.	58620.646	38425.26717756
6	BRM092	30.933252	1Mtr.	276.666	8558.179097832
7	BRMM287	960.68	1 Sqm	608.4	584477.712
Total: 781558.48169339					

ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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	-	36.8253	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.	-	108.3431	Cum
i)	BRM029 : Sand for filling and road blinding	1	108.3431	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>	-	28.23273	Cum
i)	BRM340 : Cement	2.29	64.6529517	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	13.5517104	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	27.1034208	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 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>	-	245.502	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.65549034	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.000614	0.150738228	1Mtr.

5	<p>miscellaneous(ARM28 7) :.Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC -</p> <p>Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.</p>	-		960.68	Sqm
i)	BRM029 : Sand for filling and road blinding	0.03		28.8204	1 Cum
6	<p>Earth Work (AR0110) :.Fine dressing of earth work in ordinary or hard soil in road formation -</p> <p>Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.</p>	-		861.4	Sqm

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	137.1635	1 Cum	40.25	5520.830875
2	BRM028	13.5517104	1 Cum	40.25	545.4563436
3	BRM044	27.1034208	1 Cum.	149.5	4051.9614096
Total: 10118.2486282					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
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1	Provision for Contingency @ Rs. 6000	Rs. 6000
2	Display Citizen Board @ Rs. 4500	Rs. 4500
3	Any Other Lumpsum @ Rs. 108273.3	Rs. 108273.3
Total Addition Component Amount (in Rs.): 118773.3		

Total Net Amount (in Rs.): 999999.63714407