

ESTIMATION DPR							
State	Odisha	District	Puri	Block	Delanga	Gram Panchayat	Godiputmatia pada

Work Code	OD/369/3538/120914/408665/00061932 (REPAIR AND MAINENANCE OF GOPINATHPUR BHAGABAT HOUSE TO BIJU BEHERA HOUSE CC ROAD)						
Project Category	Road						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Delanga	Proposal Date	-
Date of Commencement	17-11-2025	Date of Completion	19-11-2025
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	All Weather Connectivity
Project Sub-Category	CC Road	Project Type	New Work
Name of Executant	LOPAMUDRA SAMAL		

Administrative Approval Details

Approval No.	OD/369/3538/120914/408665/00061932/AS
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Technical Sanction Details

Technical Sanction No.	OD/369/3538/120914/408665/00061932/TS
Fund Sanction No.	
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>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	8.868	240.77592	67545.010661484
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	8.15625	605.053832	67545.010661484

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	10.875	5976.9111885	67545.010661484
4	<p>Concrete (AR0307) : Second floor - 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	8.15625	8281.3806175	67545.010661484
Total Amount (in Rs.): 139614.09101223					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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>	-	8.868	Cum
i	Un-Skilled	0.516	4.575888	-
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>	-	8.15625	Cum
i	Un-Skilled	0.1236	1.0081125	-

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>	-	10.875	Cum
i	Skilled	0.18	1.9575	-
ii	Un-Skilled	3.9	42.4125	-
4	<p>Concrete (AR0307) : Second floor - 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>	-	8.15625	Cum
i	Un-Skilled	6.0835	49.618546875	-
ii	Skilled	0.8993	7.334915625	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	97.615047375	462	45098.15188725
1	Skilled	9.292415625	562	5222.33758125
				Total: 50320.4894685

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	-	8.868	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.	-	8.15625	Cum
i)	BRM029 : Sand for filling and road blinding	1	8.15625	1 Cum

3	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.	-	10.875	Cum
i)	BRM340 : Cement	2.29	24.90375	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	5.22	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	10.44	1 Cum.
4	Concrete (AR0307) :.Second floor - 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.	-	8.15625	Cum
i)	BRM340 : Cement	3.23	26.3446875	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	3.6703125	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	7.340625	1 Cum.
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Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	8.15625	1 Cum	466.71	3806.6034375
2	BRM340	51.2484375	1 Qntl.	589.887	30230.787051562
3	BRM028	8.8903125	1 Cum	806.71	7171.903996875
4	BRM044	10.44	1 Cum.	1781.81	18602.0964
5	BRM056	7.340625	1 Cum.	2193.43	16101.14709375
Total: 75912.537979687					

ROYALTY STATEMENT

Sl.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	-	8.868	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.	-	8.15625	Cum

i)	BRM029 : Sand for filling and road blinding	1	8.15625	1 Cum
3	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.	-	10.875	Cum
i)	BRM340 : Cement	2.29	24.90375	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	5.22	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	10.44	1 Cum.
4	Concrete (AR0307) :.Second floor - 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.	-	8.15625	Cum
i)	BRM340 : Cement	3.23	26.3446875	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	3.6703125	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	7.340625	1 Cum.
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S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	8.15625	1 Cum	75.25	613.7578125
2	BRM028	8.8903125	1 Cum	75.25	668.996015625
3	BRM044	10.44	1 Cum.	309.5	3231.18
4	BRM056	7.340625	1 Cum.	309.5	2271.9234375
Total: 6785.857265625					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 1396.1409101223
2	Display Citizen Board @ Rs. 1500	Rs. 1500
3	Any Other Lumpsum @ Rs. 1277	Rs. 1277
Total Addition Component Amount (in Rs.): 4173.1409101223		

Total Net Amount (in Rs.): 143787.23192235