ESTIMATION DPR							
State	Odisha	**District**	Nayagarh	**Block**	Bhapur	**Gram Panchayat**	Padmabati

Work Code	OD/367/3523/120602/406097/00025575 (Dev. Of CC Road from Hatuary Pani Tanki to playground)
Project Category	Road

Financial Year	2024-25	**Execution Level**	PS
Executing Agency	Panchayat Samiti, Bhapur	**Proposal Date**	-
Date of Commencement	03-01-2026	**Date of Completion**	19-01-2026
Scheme Name	5th SFC Grant in Aid	**Scheme Component Name**	Maintenance and improvement of Road infrastructure
Project Sub-Category	CC Road	**Project Type**	New Work
Name of Executant	Santosh Kumar Mallick		

Administrative Approval Details

Approval No.	OD/367/3523/120602/406097/00025575/AS

Technical Sanction Details

Technical Sanction No.	OD/367/3523/120602/406097/00025575/TS
Fund Sanction No.	31142
Fund Sanction Amount (in Rs.)	186532

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)

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	Cum	22.995	240.77592	80097.12091157
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.	Cum	12.264	833.384532	80097.12091157

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.	Cum	15.33	5416.93797728	80097.12091157
4	**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	Sqm	21	216.23489289764	80097.12091157

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 as per specificaion and direction of Engineer-in charge.	Cum	11.4892875	6971.46110336	80097.12091157
					Total Amount (in Rs.): 183436.98303497

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	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	-	22.995	Cum

i	Un-Skilled	0.516	11.86542	-
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.	-	12.264	Cum
i	Un-Skilled	0.1236	1.5158304	-
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.	-	15.33	Cum
i	Skilled	0.18	2.7594	-
ii	Un-Skilled	3.9	59.787	-

4	**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	-	21	Sqm
i	Semi-Skilled	0.05	1.05	-
ii	Skilled	0.05	1.05	-
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 as per specificaion and direction of Engineer-in charge.	-	11.4892875	Cum
i	Un-Skilled	4.6	52.8507225	-
ii	Skilled	0.68	7.8127155	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	126.0189729	462	58220.7654798
1	Skilled	11.6221155	562	6531.628911
2	Semi-Skilled	1.05	512	537.6
				Total: 65289.9943908

MATERIAL 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	-	**22.995**	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.	-	**12.264**	Cum
i)	**BRM029 :** Sand for filling and road blinding	1	12.264	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.	-	**15.33**	Cum
i)	**BRM340 :** Cement	2.29	35.1057	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.48	7.3584	1 Cum
iii)	**BRM044 :** Granite Stone broken metal 40mm. size (Crusher broken)	0.96	14.7168	1 Cum.
4	**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	-	**21**	Sqm
i)	**BRM104 :** Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.05607	1Cum.
ii)	**BRM092 :** Non-sal bullahs 75mm. mean dia of any length.	0.126	2.646	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 as per specificaion and direction of Engineer-in charge.	-	**11.4892875**	Cum
i)	**BRM340 :** Cement	3.23	37.110398625	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.45	5.170179375	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	10.34035875	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	**BRM029**	12.264	1 Cum	462.78	5675.53392
2	**BRM340**	72.216098625	1 Qntl.	593.572	42865.454093038
3	**BRM028**	12.528579375	1 Cum	469.21	5878.5347285437
4	**BRM044**	14.7168	1 Cum.	1360.21	20017.938528
5	**BRM104**	0.05607	1Cum.	58573.086	3284.19293202
6	**BRM092**	2.646	1Mtr.	229.106	606.214476
7	**BRM056**	10.34035875	1 Cum.	1802.83	18641.908965263
					Total: 96969.777642865

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	-	**22.995**	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.	-	**12.264**	Cum
i)	**BRM029 :** Sand for filling and road blinding	1	12.264	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.	-	**15.33**	Cum
i)	**BRM340 :** Cement	2.29	35.1057	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.48	7.3584	1 Cum

iii)	**BRM044 :** Granite Stone broken metal 40mm. size (Crusher broken)	0.96	14.7168	1 Cum.
4	**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	-	**21**	Sqm
i)	**BRM104 :** Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.05607	1Cum.
ii)	**BRM092 :** Non-sal bullahs 75mm. mean dia of any length.	0.000614	0.012894	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 as per specificaion and direction of Engineer-in charge.	-	**11.4892875**	Cum
i)	**BRM340 :** Cement	3.23	37.110398625	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.45	5.170179375	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	10.34035875	1 Cum.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	**BRM029**	12.264	1 Cum	305.25	3743.586
2	**BRM028**	12.528579375	1 Cum	305.25	3824.3488542187
3	**BRM044**	14.7168	1 Cum.	199.5	2936.0016
4	**BRM056**	10.34035875	1 Cum.	199.5	2062.901570625
					Total: 12566.838024844

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1865	Rs. 1865
2	Display Citizen Board @ Rs. 1000	Rs. 1000
		Total Addition Component Amount (in Rs.): 2865

Total Net Amount (in Rs.): 186301.98303497