ESTIMATION DPR							
State	Odisha	**District**	Balasore	**Block**	Soro	**Gram Panchayat**	Madhusuidan pur

Work Code	OD/346/3309/116318/393755/00066243 (Const. of cc road from Dusasan house to Uma Nayak house MSPUR Madhusudanpur G.P)
Project Category	Road

Financial Year	2020-21	**Execution Level**	PS
Executing Agency	Panchayat Samiti, Soro	**Proposal Date**	-
Date of Commencement	30-03-2026	**Date of Completion**	-
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	Monalisa Pati		

Administrative Approval Details

Approval No.	OD/346/3309/116318/393755/00066243/AS

Technical Sanction Details

Technical Sanction No.	OD/346/3309/116318/393755/00066243/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	250000

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	6.8809824	240.77592	26.059864157533
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	13.968394272	1493.995232	26.059864157533

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	19.748419488	6118.11088126	26.059864157533
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	67.726287	216.23489289764	26.059864157533

5	**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.	Sqm	150.50286	4.6662	26.059864157533
6	**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	11.468304	7562.65957962	26.059864157533

7	**Earth Work (AR0114a) : Filling of foundation with escalated earth -** Filling in foundation and plinth with excavated materials in Hard soil / Gravelly soil including watering and ramming as directed by the Engineer-in-charge.	Cum	0.194819584	133.76408892	26.059864157533
					Total Amount (in Rs.): 245452.51129903

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	-	6.8809824	Cum
i	Un-Skilled	0.516	3.5505869184	-

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.	-	13.968394272	Cum
i	Un-Skilled	0.1236	1.7264935320192	-
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.	-	19.748419488	Cum
i	Skilled	0.18	3.55471550784	-
ii	Un-Skilled	3.9	77.0188360032	-

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	-	67.726287	Sqm
i	Semi-Skilled	0.05	3.38631435	-
ii	Skilled	0.05	3.38631435	-
5	**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.	-	150.50286	Sqm
i	Un-Skilled	0.01	1.5050286	-

6	**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.	-	11.468304	Cum
i	Un-Skilled	4.6	52.7541984	-
ii	Skilled	0.68	7.79844672	-
7	**Earth Work (AR0114a) : Filling of foundation with escalated earth -** Filling in foundation and plinth with excavated materials in Hard soil / Gravelly soil including watering and ramming as directed by the Engineer-in-charge.	-	0.194819584	Cum
i	Un-Skilled	0.286666	0.055848150866944	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	136.61099160449	462	63114.278121273
1	Skilled	14.73947657784	562	8283.5858367461
2	Semi-Skilled	3.38631435	512	1733.7929472

	Total: 73131.656905219

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	-	**6.8809824**	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.	-	**13.968394272**	Cum
i)	**BRM029 :** Sand for filling and road blinding	1	13.968394272	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.	-	**19.748419488**	Cum
i)	**BRM340 :** Cement	2.29	45.22388062752	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.48	9.47924135424	1 Cum
iii)	**BRM044 :** Granite Stone broken metal 40mm. size (Crusher broken)	0.96	18.95848270848	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	-	**67.726287**	Sqm
i)	**BRM104 :** Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.18082918629	1Cum.
ii)	**BRM092 :** Non-sal bullahs 75mm. mean dia of any length.	0.126	8.533512162	1Mtr.

5	**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.	-	**150.50286**	Sqm
6	**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.	-	**11.468304**	Cum
i)	**BRM340 :** Cement	3.23	37.04262192	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.45	5.1607368	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	10.3214736	1 Cum.
7	**Earth Work (AR0114a) :.Filling of foundation with escalated earth -** Filling in foundation and plinth with excavated materials in Hard soil / Gravelly soil including watering and ramming as directed by the Engineer-in-charge.	-	**0.194819584**	Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount

1	**BRM029**	13.968394272	1 Cum	979.85	13686.931127419
2	**BRM340**	82.26650254752	1 Qntl.	570.467	46930.324908776
3	**BRM028**	14.63997815424	1 Cum	984.79	14417.304086514
4	**BRM044**	18.95848270848	1 Cum.	1466.56	27803.752400948
5	**BRM104**	0.18082918629	1Cum.	58573.086	10591.723479874
6	**BRM092**	8.533512162	1Mtr.	229.106	1955.0788373872
7	**BRM056**	10.3214736	1 Cum.	1867.93	19279.790181648
					Total: 134664.90502257

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	-	**6.8809824**	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.	-	**13.968394272**	Cum
i)	**BRM029 :** Sand for filling and road blinding	1	13.968394272	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.	-	**19.748419488**	Cum
i)	**BRM340 :** Cement	2.29	45.22388062752	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.48	9.47924135424	1 Cum
iii)	**BRM044 :** Granite Stone broken metal 40mm. size (Crusher broken)	0.96	18.95848270848	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	-	**67.726287**	Sqm
i)	**BRM104 :** Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.18082918629	1Cum.
ii)	**BRM092 :** Non-sal bullahs 75mm. mean dia of any length.	0.000614	0.041583940218	1Mtr.

5	**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.	-	**150.50286**	Sqm
6	**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.	-	**11.468304**	Cum
i)	**BRM340 :** Cement	3.23	37.04262192	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.45	5.1607368	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	10.3214736	1 Cum.
7	**Earth Work (AR0114a) :.Filling of foundation with escalated earth -** Filling in foundation and plinth with excavated materials in Hard soil / Gravelly soil including watering and ramming as directed by the Engineer-in-charge.	-	**0.194819584**	Cum

S/N	Material Name	Qty	Unit	Royalty Rate	Amount

1	**BRM029**	13.968394272	1 Cum	442.25	6177.522366792
2	**BRM028**	14.63997815424	1 Cum	442.25	6474.5303387126
3	**BRM044**	18.95848270848	1 Cum.	552.5	10474.561696435
4	**BRM056**	10.3214736	1 Cum.	552.5	5702.614164
					Total: 28829.22856594

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 2500	Rs. 2500
2	Display Citizen Board @ Rs. 2047.48	Rs. 2047.48
		Total Addition Component Amount (in Rs.): 4547.48

Total Net Amount (in Rs.): 249999.99129903