ESTIMATION DPR							
State	Odisha	**District**	Jajpur	**Block**	Korei	**Gram Panchayat**	Patharapada

Work Code	OD/356/3401/275216/400830/00045719 (Repair and Restoration of Road from R&B guest house to Maa Tarini Mahabidyalaya)
Project Category	Road

Financial Year	2024-25	**Execution Level**	PS
Executing Agency	Panchayat Samiti, Korei	**Proposal Date**	11-04-2024
Date of Commencement	16-09-2025	**Date of Completion**	06-10-2025
Scheme Name	Severe Cyclonic Storm DANA 2024	**Scheme Component Name**	Self/Personal Deposit
Project Sub-Category	CC Road	**Project Type**	Repair and Maintenance
Name of Executant	Dibya Lochan Samal		

Administrative Approval Details

Approval No.	OD/356/3401/275216/400830/00045719/AS

Technical Sanction Details

Technical Sanction No.	OD/356/3401/275216/400830/00045719/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	200000

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	5.1	240.77592	6054.5770011339
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	1.8	817.598232	6054.5770011339

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	8.61	6157.97377336	6054.5770011339
4	**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	17.55	7708.29680232	6054.5770011339

5	**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	28	216.23489289764	6054.5770011339
					Total Amount (in Rs.): 197054.97408008

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	-	5.1	Cum
i	Un-Skilled	0.516	2.6316	-

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.	-	1.8	Cum
i	Un-Skilled	0.1236	0.22248	-
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.	-	8.61	Cum
i	Skilled	0.18	1.5498	-
ii	Un-Skilled	3.9	33.579	-

4	**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.	-	17.55	Cum
i	Un-Skilled	4.6	80.73	-
ii	Skilled	0.68	11.934	-
5	**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	-	28	Sqm
i	Semi-Skilled	0.05	1.4	-
ii	Skilled	0.05	1.4	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	117.16308	462	54129.34296
1	Skilled	14.8838	562	8364.6956
2	Semi-Skilled	1.4	512	716.8
				Total: 63210.83856

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	-	**5.1**	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.	-	**1.8**	Cum
i)	**BRM029 :** Sand for filling and road blinding	1	1.8	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.	-	**8.61**	Cum
i)	**BRM340 :** Cement	2.29	19.7169	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.48	4.1328	1 Cum
iii)	**BRM044 :** Granite Stone broken metal 40mm. size (Crusher broken)	0.96	8.2656	1 Cum.
4	**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.	-	**17.55**	Cum
i)	**BRM340 :** Cement	3.23	56.6865	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.45	7.8975	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	15.795	1 Cum.
5	**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	-	**28**	Sqm
i)	**BRM104 :** Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.07476	1Cum.
ii)	**BRM092 :** Non-sal bullahs 75mm. mean dia of any length.	0.126	3.528	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	**BRM029**	1.8	1 Cum	478.15	860.67
2	**BRM340**	76.4034	1 Qntl.	577.612	44131.5206808
3	**BRM028**	12.0303	1 Cum	483.09	5811.717627
4	**BRM044**	8.2656	1 Cum.	1802.51	14898.826656
5	**BRM056**	15.795	1 Cum.	2248.31	35512.05645
6	**BRM104**	0.07476	1Cum.	58573.086	4378.92390936
7	**BRM092**	3.528	1Mtr.	229.106	808.285968
					Total: 106402.00129116

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	-	**5.1**	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.	-	**1.8**	Cum
i)	**BRM029 :** Sand for filling and road blinding	1	1.8	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.	-	**8.61**	Cum
i)	**BRM340 :** Cement	2.29	19.7169	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.48	4.1328	1 Cum

iii)	**BRM044 :** Granite Stone broken metal 40mm. size (Crusher broken)	0.96	8.2656	1 Cum.
4	**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.	-	**17.55**	Cum
i)	**BRM340 :** Cement	3.23	56.6865	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.45	7.8975	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	15.795	1 Cum.
5	**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	-	**28**	Sqm

i)	**BRM104 :** Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.07476	1Cum.
ii)	**BRM092 :** Non-sal bullahs 75mm. mean dia of any length.	0.000614	0.017192	1Mtr.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	**BRM029**	1.8	1 Cum	274.25	493.65
2	**BRM028**	12.0303	1 Cum	274.25	3299.309775
3	**BRM044**	8.2656	1 Cum.	444.5	3674.0592
4	**BRM056**	15.795	1 Cum.	444.5	7020.8775
					Total: 14487.896475

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 0.5%	Rs. 985.2748704004
2	Display Citizen Board @ Rs. 1000	Rs. 1000
3	Any Other Lumpsum @ Rs. 959.75	Rs. 959.75
		Total Addition Component Amount (in Rs.): 2945.0248704004

Total Net Amount (in Rs.): 199999.99895048