ESTIMATION DPR							
State	Odisha	**District**	Kandhamal	**Block**	Phiringia	**Gram Panchayat**	Taladandikia

Work Code	OD/359/3429/118976/416466/00069077 (improvement of road from Boudipada sejamaha chaka to jujuripada)
Project Category	Road

Financial Year	2023-24	**Execution Level**	PS
Executing Agency	Panchayat Samiti, Phiringia	**Proposal Date**	-
Date of Commencement	-	**Date of Completion**	
Scheme Name	Kandhamal O Gajapati Bikas Yojana	**Scheme Component Name**	Self/Personal Deposit
Project Sub-Category	Pavor Block	**Project Type**	Upgradation or Improvement
Name of Executant			

Administrative Approval Details

Approval No.	

Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	901
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	48.51878666368	240.77592	11682.155496231
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	18.91633598336	710.800832	13445.747355364

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	13.19549287936	5509.65619544	72702.62909465

4	**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.	Sqm	224.360745	627.7998	140853.63083885
					Total Amount (in Rs.): 238684.1627851

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	-	48.51878666368	Cum
i	Un-Skilled	0.516	25.035693918459	-
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.	-	18.91633598336	Cum
i	Un-Skilled	0.1236	2.3380591275433	-

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.	-	13.19549287936	Cum
i	Skilled	0.18	2.3751887182848	-
ii	Un-Skilled	3.9	51.462422229504	-

4	**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.	-	224.360745	Sqm

Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	78.836175275506	462	36422.312977284
2	Skilled	2.3751887182848	562	1334.8560596761
				Total: 37757.16903696

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	-	**48.51878666368**	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.	-	**18.91633598336**	Cum
i)	**BRM029 :** Sand for filling and road blinding	1	18.91633598336	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.	-	**13.19549287936**	Cum
i)	**BRM340 :** Cement	2.29	30.217678693734	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.48	6.3338365820928	1 Cum

iii)	**BRM044 :** Granite Stone broken metal 40mm. size (Crusher broken)	0.96	12.667673164186	1 Cum.
4	**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.	-	**224.360745**	Sqm
i)	**BRM029 :** Sand for filling and road blinding	0.03	6.73082235	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	224.360745	1 Sqm

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	**BRM029**	25.64715833336	1 Cum	606.41	15552.693284933
2	**BRM340**	30.217678693734	1 Qntl.	632.632	19116.670507375
3	**BRM028**	6.3338365820928	1 Cum	613.29	3884.4786374317
4	**BRM044**	12.667673164186	1 Cum.	1466.56	18577.902755668
5	**BRMM287**	224.360745	1 Sqm	608.4	136501.077258

	Total: 193632.82244341

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	**BRM029**	25.64715833336	1 Cum	40.25	1032.2981229177
2	**BRM028**	6.3338365820928	1 Cum	40.25	254.93692242924
3	**BRM044**	12.667673164186	1 Cum.	149.5	1893.8171380457
					Total: 3181.0521833927

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 2500	Rs. 2500
2	Display Citizen Board @ Rs. 5000	Rs. 5000
3	Any Other Lumpsum @ Rs. 3814	Rs. 3814
		Total Addition Component Amount (in Rs.): 11314

Total Net Amount (in Rs.): 249998.1627851