ESTIMATION DPR							
State	Odisha	**District**	Ganjam	**Block**	Polosara	**Gram Panchayat**	Chirikipada Sasan

Work Code	OD/354/3380/117904/411502/00101990 (Improvement of road Badarala RD road to Tumbeswar mandir road at Ch. Sasan)
Project Category	Road

Financial Year	2024-25	**Execution Level**	PS
Executing Agency	Panchayat Samiti, Polosara	**Proposal Date**	10-12-2024
Date of Commencement	-	**Date of Completion**	
Scheme Name	5th SFC Grant in Aid	**Scheme Component Name**	All Weather Connectivity
Project Sub-Category	CC Road	**Project Type**	Upgradation or Improvement
Name of Executant			

Administrative Approval Details

Approval No.	

Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	29143
Fund Sanction Amount (in Rs.)	210000

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	32.73879679488	240.77592	7882.7139179803
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	16.36939839744	506.336432	8288.4227785463

3	**Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal -** Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	16.36939839744	4978.7734567	81499.526243322
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	16.36939839744	6709.0724499	109823.4798097
				Total Amount (in Rs.): 207494.14274955	

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	-	32.73879679488	Cum
i	Un-Skilled	0.516	16.893219146158	-
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.	-	16.36939839744	Cum
i	Un-Skilled	0.1236	2.0232576419236	-

3	**Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal -** Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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.	-	16.36939839744	Cum
i	Un-Skilled	3.9	63.840653750016	-
ii	Skilled	0.18	2.9464917115392	-
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.	-	16.36939839744	Cum
i	Un-Skilled	4.6	75.299232628224	-

ii	Skilled	0.68	11.131190910259	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	158.05636316632	462	73022.039782841
2	Skilled	14.077682621798	562	7911.6576334507
				Total: 80933.697416291

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	-	**32.73879679488**	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.	-	**16.36939839744**	Cum
i)	**BRM029 :** Sand for filling and road blinding	1	16.36939839744	1 Cum

3	**Concrete (AR0303a) :.Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal -** Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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.	-	**16.36939839744**	Cum
i)	**BRM340 :** Cement	2.29	37.485922330138	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.48	7.8573112307712	1 Cum
iii)	**BRM045 :** Granite Stone broken metal 40mm. size (Hand broken)	0.96	15.714622461542	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.	-	**16.36939839744**	Cum
i)	**BRM340 :** Cement	3.23	52.873156823731	1 Qntl.
ii)	**BRM028 :** Screened and washed sharp sand for mortar	0.45	7.366229278848	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	14.732458557696	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	**BRM029**	16.36939839744	1 Cum	403.97	6612.7458706138
2	**BRM340**	90.359079153869	1 Qntl.	591.182	53418.661132342
3	**BRM028**	15.223540509619	1 Cum	407.34	6201.1569911883
4	**BRM045**	15.714622461542	1 Cum.	1128.47	17733.480009177
5	**BRM056**	14.732458557696	1 Cum.	1737.73	25601.035209465
					Total: 109567.07921279

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	**BRM029**	16.36939839744	1 Cum	40.25	658.86828549696
2	**BRM028**	15.223540509619	1 Cum	40.25	612.74750551217
3	**BRM045**	15.714622461542	1 Cum.	149.5	2349.3360580006
4	**BRM056**	14.732458557696	1 Cum.	149.5	2202.5025543756
					Total: 5823.4544033853

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1050	Rs. 1050
2	Display Citizen Board @ Rs. 1455.85	Rs. 1455.85
		Total Addition Component Amount (in Rs.): 2505.85

Total Net Amount (in Rs.): 209999.99274955