

ESTIMATION DPR							
State	Odisha	District	Cuttack	Block	Cuttacksadar	Gram Panchayat	Jasapada

Work Code	OD/350/3337/116961/399948/00064472 (Construction of CC road Kosida Gadia Kothaga-I with Culvert ,Jasapada GP)						
Project Category	Road						

Financial Year	2022-23	Execution Level	PS
Executing Agency	Panchayat Samiti, Cuttacksadar	Proposal Date	-
Date of Commencement	25-11-2025	Date of Completion	29-12-2025
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	Samata Debata		

Administrative Approval Details

Approval No.	OD/350/3337/116961/399948/00064472/AS
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Technical Sanction Details

Technical Sanction No.	OD/350/3337/116961/399948/00064472/TS
Fund Sanction No.	22117
Fund Sanction Amount (in Rs.)	137000

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement 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	-	6.50595	Cum

	i	Un-Skilled	0.516	3.3570702	-
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.	-	2.487975	Cum
	i	Un-Skilled	0.1236	0.30751371	-
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.	-	8.80387	Cum
	i	Skilled	0.18	1.5846966	-
	ii	Un-Skilled	3.9	34.335093	-

4	R.C.C. Work (AR0410d) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting - 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. beams, column, girder and bressmer, etc. Data for 4.2sqm	-	21.8472	Sqm
i	Semi-Skilled	0.6547619047619	14.304714285714	-
ii	Skilled	0.6547619047619	14.304714285714	-
5	R.C.C. Work (AR0410a) : Centring & Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas - 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. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height	-	10.8805	Sqm
i	Semi-Skilled	0.30555555555556	3.3245972222222	-
ii	Skilled	0.30555555555556	3.3245972222222	-

6	R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	-	2.95	Qntl
i	Un-Skilled	0.8	2.36	-
ii	Highly-Skilled	0.3	0.885	-
iii	Semi-Skilled	0.044	0.1298	-
7	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.	-	0.44652	Cum

i	Un-Skilled	4.6	2.053992	-
ii	Skilled	0.68	0.3036336	-
8	R.C.C. Work (AR0404B) : Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips.(Nominal mix as per IS-456, Table-9). - R.C.C. work of M-20 grade with 20mm & downgrade size black hard crusher broken granite 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 and as per direction of Engineer-in charge(Nominal mix as per IS-456, Table-9).	-	2.039499	Cum
i	Un-Skilled	1.3333	2.7192640167	-
ii	Skilled	0.1	0.2039499	-
iii	Semi-Skilled	0.0573	0.1168632927	-

9	Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm ² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.	-	0.68625	Cum
i	Un-Skilled	2.96	2.0313	-
ii	Skilled	1.05	0.7205625	-
iii	Highly-Skilled	0.35	0.2401875	-
10	Plastering (AR1026) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces (inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	10.336	Sqm
i	Un-Skilled	0.12	1.24032	-

	ii	Skilled	0.14	1.44704	-
11		Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside. - 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	5.49	Sqm
	i	Un-Skilled	0.24	1.3176	-
	ii	Skilled	0.16	0.8784	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	49.7221529267	462	22971.634652135
1	Skilled	22.767594107937	562	12795.38788866
2	Semi-Skilled	17.875974800637	512	9152.4990979259
3	Highly-Skilled	1.1251875	612	688.61475
Total: 45608.136388722				