

ESTIMATION DPR							
State	Odisha	District	Kandhamal	Block	Tumudibandh	Gram Panchayat	Guma

Work Code	OD/359/3433/119012/417098/00052640 (Construction of Culvert from Guma to Padam road)
Project Category	CD Work

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Tumudibandh	Proposal Date	15-07-2024
Date of Commencement	17-10-2025	Date of Completion	-
Scheme Name	SFC Devolution of Fund	Scheme Component Name	5TH SFC DEVOLUTION GRANT TO PANCHAYAT SAMITI
Project Sub-Category	Slab Culvert	Project Type	New Work
Name of Executant	Ram		

Administrative Approval Details

Approval No.	OD/359/3433/119012/417098/00052640/AS
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Technical Sanction Details

Technical Sanction No.	OD/359/3433/119012/417098/00052640/TS
Fund Sanction No.	15384
Fund Sanction Amount (in Rs.)	421114

LABOUR STATEMENT

SI.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	-	36.0189696	Cum

	i	Un-Skilled	0.516	18.5857883136	-
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.	-	5.083431936	Cum
	i	Un-Skilled	0.1236	0.6283121872896	-
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.	-	44.752720224	Cum
	i	Un-Skilled	3.9	174.5356088736	-
	ii	Skilled	0.18	8.05548964032	-

4	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).	-	7.0792	Cum
i	Un-Skilled	1.3333	9.43869736	-
ii	Skilled	0.1	0.70792	-
iii	Semi-Skilled	0.0573	0.40563816	-

5	<p>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.</p>	-	7.08	Qntl
i	Un-Skilled	0.8	5.664	-
ii	Highly-Skilled	0.3	2.124	-
iii	Semi-Skilled	0.044	0.31152	-
6	<p>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</p>	-	82.04449736	Sqm
i	Semi-Skilled	0.05	4.102224868	-

	ii	Skilled	0.05	4.102224868	-
7		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	-	18.5806	Sqm
	i	Semi-Skilled	0.305555555555556	5.67740555555556	-
	ii	Skilled	0.305555555555556	5.67740555555556	-
8		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.	-	1.699008	Cum
	i	Un-Skilled	4.6	7.8154368	-

ii	Skilled	0.68	1.15532544	-
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SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	216.66784353449	462	100100.54371293
1	Skilled	19.698365503876	562	11070.481413178
2	Semi-Skilled	10.496788583556	512	5374.3557547804
3	Highly-Skilled	2.124	612	1299.888
Total:				117845.26888089