

ESTIMATION DPR							
State	Odisha	District	Jajpur	Block	Badchana	Gram Panchayat	Barpada

Work Code	OD/356/3394/118243/401812/00065985 (Construction of Maa Sumudei Community Centre)						
Project Category	Building						

Financial Year	2022-23	Execution Level	PS
Executing Agency	Panchayat Samiti, Badchana	Proposal Date	-
Date of Commencement	23-12-2025	Date of Completion	15-01-2026
Scheme Name	SFC Devolution of Fund	Scheme Component Name	5TH SFC DEVOLUTION GRANT TO PANCHAYAT SAMITI
Project Sub-Category	Community Centre	Project Type	New Work
Name of Executant	Sridhar Barik		

Administrative Approval Details

Approval No.	OD/356/3394/118243/401812/00065985/AS
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Technical Sanction Details

Technical Sanction No.	OD/356/3394/118243/401812/00065985/TS
Fund Sanction No.	3139
Fund Sanction Amount (in Rs.)	200000

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	-	15.7464	Cum

	i	Un-Skilled	0.516	8.1251424	-
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.	-	13.82256	Cum
	i	Un-Skilled	0.1236	1.708468416	-
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.	-	3.95217	Cum
	i	Skilled	0.18	0.7113906	-
	ii	Un-Skilled	3.9	15.413463	-

4	R.C.C. Work (AR0404Aa) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)	-	2.592	Cum
i	Un-Skilled	1.3333	3.4559136	-
ii	Skilled	0.175	0.4536	-
iii	Semi-Skilled	0.1323	0.3429216	-

5	R.C.C. Work (AR0404Ab) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)	-	1.23375	Cum
i	Un-Skilled	1.3333	1.644958875	-
ii	Skilled	0.35	0.4318125	-
iii	Semi-Skilled	0.3073	0.379131375	-

6	R.C.C. Work (AR0404Ac) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade 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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)	-	2.916	Cum
i	Un-Skilled	1.3333	3.8879028	-
ii	Skilled	5.33875	15.567795	-
iii	Semi-Skilled	5.29605	15.4432818	-

7	Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth 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.	-	6.01386	Cum
i	Un-Skilled	2.96	17.8010256	-
ii	Skilled	1.05	6.314553	-
iii	Highly-Skilled	0.35	2.104851	-
8	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.	-	5.96	Qntl

i	Un-Skilled	0.8	4.768	-
ii	Highly-Skilled	0.3	1.788	-
iii	Semi-Skilled	0.044	0.26224	-
9	Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside - 12mm thick cement plster (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.	-	22.701	Sqm
i	Un-Skilled	0.12	2.72412	-
ii	Skilled	0.14	3.17814	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	59.528994691	462	27502.395547242
1	Skilled	26.6572911	562	14981.3975982
2	Semi-Skilled	16.427574775	512	8410.9182848
3	Highly-Skilled	3.892851	612	2382.424812
Total: 53277.136242242				