

ESTIMATION DPR							
State	Odisha	District	Balangir	Block	Puintala	Gram Panchayat	Puintala

Work Code	OD/345/3294/115980/420100/00014556 (Repair & Renovation of Community Centre at Pipalbahali)
Project Category	Building

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Puintala	Proposal Date	-
Date of Commencement	22-05-2025	Date of Completion	-
Scheme Name	Chief Minister Special Assistant	Scheme Component Name	Self/Personal Deposit
Project Sub-Category	Community Centre	Project Type	Repair and Maintenance
Name of Executant	SUSHREE SUPRABHA MOHAPATRA		

Administrative Approval Details

Approval No.	OD/345/3294/115980/420100/00014556/AS
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Technical Sanction Details

Technical Sanction No.	OD/345/3294/115980/420100/00014556/TS
Fund Sanction No.	4004
Fund Sanction Amount (in Rs.)	400000

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil 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	-	16.7139912	Cum

	i	Un-Skilled	0.43	7.187016216	-
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.	-	7.43316	Cum
	i	Un-Skilled	0.1236	0.918738576	-
3		Concrete (AR0304) : Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal - Cement concrete (1:4:8) 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.	-	4.146216648	Cum
	i	Un-Skilled	3.9	16.1702449272	-
	ii	Skilled	0.18	0.74631899664	-

4	Masonry Brick Work (AR0603c) : Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (23cm x 11cm 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.	-	4.5873216	Cum
i	Un-Skilled	2.96	13.578471936	-
ii	Skilled	1.05	4.81668768	-
iii	Highly-Skilled	0.35	1.60556256	-

5	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)	-	9.836831568	Cum
i	Un-Skilled	1.3333	13.115447529614	-
ii	Skilled	5.33875	52.51638453366	-
iii	Semi-Skilled	5.29605	52.096351825706	-

6	<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>	-	8.847	Qntl
i	Un-Skilled	0.8	7.0776	-
ii	Highly-Skilled	0.3	2.6541	-
iii	Semi-Skilled	0.044	0.389268	-
7	<p>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/cm² 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.</p>	-	8.9304108	Cum

	i	Un-Skilled	2.82	25.183758456	-
	ii	Skilled	1.05	9.37693134	-
	iii	Highly-Skilled	0.35	3.12564378	-
8		Flooring (AR0817aa) : Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) - Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.	-	16.09544475	Sqm
	i	Highly-Skilled	0.325	5.23101954375	-
	ii	Un-Skilled	0.325	5.23101954375	-
	iii	Semi-Skilled	0.76	12.23253801	-

9	<p>Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside - 12mm thick cement plaster (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.</p>	-	53.326322	Sqm
i	Un-Skilled	0.12	6.39915864	-
ii	Skilled	0.14	7.46568508	-
10	<p>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.</p>	-	63.84758675	Sqm
i	Un-Skilled	0.24	15.32342082	-
ii	Skilled	0.16	10.21561388	-

11	Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	53.326322	Sqm
i	Un-Skilled	0.11776344086022	6.2798911671398	-
ii	Highly-Skilled	0.10776344086022	5.7466279471398	-
12	Painting (AR0922a) : Finishing wall surface with two coats with distemper of approved shades above one coat oil bound Primer on new work (Inside) - Finishing wall surface with two coats with distemper of approved shades above one coat oil bound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-	63.84758675	Sqm
i	Highly-Skilled	0.10576344086022	6.7527404653011	-
ii	Un-Skilled	0.11576344086022	7.3912163328011	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
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0	Un-Skilled	123.85598414451	462	57221.464674761
1	Skilled	85.1376215103	562	47847.343288789
2	Highly-Skilled	25.115694296191	612	15370.804909269
3	Semi-Skilled	64.718157835706	512	33135.696811882
				Total: 153575.3096847