

ESTIMATION DPR							
State	Odisha	District	Kalahandi	Block	Dharamagarh	Gram Panchayat	Bramhanchhendia

Work Code	OD/358/3410/118629/423938/00060124 (CREATION OF BANKING INFRASTRUCTURE AT BRAHMANCHHENDIA GP)						
Project Category	Building						

Financial Year	2022-23	Execution Level	PS
Executing Agency	Panchayat Samiti, Dharamagarh	Proposal Date	05-09-2023
Date of Commencement	25-01-2026	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Infrastructure for Banking Facilities at GP Hqrs
Project Sub-Category	Banking Facility Building	Project Type	New Work
Name of Executant	JYOTIPRAKASH PRADHAN		

Administrative Approval Details

Approval No.	OD/358/3410/118629/423938/00060124/AS
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Technical Sanction Details

Technical Sanction No.	OD/358/3410/118629/423938/00060124/TS
Fund Sanction No.	4595
Fund Sanction Amount (in Rs.)	1000000

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<p>Masonry Brick Work (AR0603ci) : First floor - 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>	-	24.8118	Cum
i	Un-Skilled	3.404	84.4593672	-
ii	Skilled	1.2075	29.9602485	-
iii	Highly-Skilled	0.4025	9.9867495	-
2	<p>R.C.C. Work (AR0404Ac) : First Floor - 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)</p>	-	8.7417	Cum

	i	Un-Skilled	1.533295	13.4036049015	-
	ii	Skilled	6.4015	55.95999255	-
	iii	Semi-Skilled	6.352395	55.5307313715	-
3		R.C.C. Work (AR0404Ad) : First Floor - 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 Lintels)	-	1.3975	Cum
	i	Un-Skilled	1.533295	2.1427797625	-
	ii	Skilled	2.8075	3.92348125	-
	iii	Semi-Skilled	2.758395	3.8548570125	-

4	<p>R.C.C. Work (AR0404Ag) : First Floor - 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 Roof slab, landing, balcony, sun shade)</p>	-	14.8707375	Cum
i	Un-Skilled	1.533295	22.801227455062	-
ii	Skilled	3.7813	56.23071970875	-
iii	Semi-Skilled	3.732195	55.500492143812	-
5	<p>Plastering (AR1004) : First Floor - 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>	-	135.679	Sqm
i	Un-Skilled	0.1236	16.7699244	-

	ii	Skilled	0.1442	19.5649118	-
6		Plastering (AR1014) : First Floor - 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.	-	62.655	Sqm
	i	Un-Skilled	0.2472	15.488316	-
	ii	Skilled	0.1648	10.325544	-
7		Other Building Items. (AR1902) : First Floor - Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc.complete. and as per the direction of Engineer in Charge.	-	222.435	Sqm
	i	Un-Skilled	0.05871	13.05915885	-
	ii	Skilled	0.0515	11.4554025	-

8	Painting (AR0918c) : First Floor - Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)	-	12.604986137	Sqm
i	Un-Skilled	0.044890322580645	0.56584189381449	-
ii	Highly-Skilled	0.0231	0.2911751797647	-
iii	Skilled	0.0084677419354839	0.10673576970847	-
9	Painting (AR0901d) : First Floor - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	12.331479705	Sqm
i	Highly-Skilled	0.055376344086022	0.68287226323387	-
ii	Un-Skilled	0.055376344086022	0.68287226323387	-

10	Painting (AR0920) : First Floor - Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-	12.331479705	Sqm
	i Highly-Skilled	0.05562	0.6858769011921	-
	ii Un-Skilled	0.06592	0.8128911421536	-
11	Painting (AR0918Ai) : First Floor - Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes required for the work etc. complete and as per direction of Engineer-in-charge.	-	5.957590681	Sqm
	i Un-Skilled	0.04515	0.26898521924715	-
	ii Highly-Skilled	0.0378	0.2251969277418	-
12	Iron Work (AR1704) : Iron Doors and windows fixing - Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.	-	2.7494	Qntl

	i	Un-Skilled	6.3976377952756	17.589665354331	-
	ii	Semi-Skilled	1.9685039370079	5.4122047244094	-
	iii	Skilled	3.9370078740157	10.824409448819	-
	iv	Highly-Skilled	3.4448818897638	9.4713582677165	-
13		R.C.C. Work (AR0409) : First floor - 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.	-	24	Qntl
	i	Un-Skilled	0.84	20.16	-
	ii	Highly-Skilled	0.315	7.56	-
	iii	Semi-Skilled	0.0462	1.1088	-

14	<p>Flooring (AR0816) : First floor - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	-	100.1	Sqm
	i Un-Skilled	0.2268	22.70268	-
	ii Highly-Skilled	0.2268	22.70268	-
	iii Semi-Skilled	0.5775	57.80775	-
15	<p>Flooring (AR0817aa) : First floor - 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.</p>	-	6.57	Sqm
	i Highly-Skilled	0.34125	2.2420125	-

ii	Un-Skilled	0.34125	2.2420125	-
iii	Semi-Skilled	0.798	5.24286	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	233.14932694184	462	107714.98904713
1	Skilled	198.35144552728	562	111473.51238633
2	Highly-Skilled	53.847921539649	612	32954.927982265
3	Semi-Skilled	184.45769525222	512	94442.339969138
Total:				346585.76938486