

ESTIMATION DPR							
State	Odisha	District	Khordha	Block	Bolagarh	Gram Panchayat	Gediapalli

Work Code	OD/362/3461/119626/407159/00027702 (Development Of Rural Haat, Gediapalli)
Project Category	Other Infrastructure

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Bolagarh	Proposal Date	-
Date of Commencement	07-11-2025	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Development of Rural Haat
Project Sub-Category	Rural Haat	Project Type	New Work
Name of Executant	SONALI MALLICK		

Administrative Approval Details

Approval No.	OD/362/3461/119626/407159/00027702/AS
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Technical Sanction Details

Technical Sanction No.	OD/362/3461/119626/407159/00027702/TS
Fund Sanction No.	15597
Fund Sanction Amount (in Rs.)	1000000

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	-	39.06	Cum

	i	Un-Skilled	0.516	20.15496	-
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.	-	32.562	Cum
	i	Un-Skilled	0.1236	4.0246632	-
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.	-	14.625	Cum
	i	Skilled	0.18	2.6325	-
	ii	Un-Skilled	3.9	57.0375	-

4	<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>	-	53.82	Sqm
i	Un-Skilled	0.12	6.4584	-
ii	Skilled	0.14	7.5348	-
5	<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>	-	40.545	Sqm
i	Un-Skilled	0.24	9.7308	-
ii	Skilled	0.16	6.4872	-

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>	-	27.54	Sqm
i	Semi-Skilled	0.05	1.377	-
ii	Skilled	0.05	1.377	-
7	<p>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, grider and bressmer, etc. Data for 4.2sqm</p>	-	120.96	Sqm
i	Semi-Skilled	0.6547619047619	79.2	-
ii	Skilled	0.6547619047619	79.2	-

8	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	-	84.945	Sqm	
	i	Semi-Skilled	0.305555555555556	25.9554166666667	-
	ii	Skilled	0.305555555555556	25.9554166666667	-
9	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.	-	29.56	Qntl	
	i	Un-Skilled	0.8	23.648	-
	ii	Highly-Skilled	0.3	8.868	-

	iii	Semi-Skilled	0.044	1.30064	-
10		R.C.C. Work (AR0404A) : 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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	32.1345	Cum
	i	Un-Skilled	1.3333	42.84492885	-
	ii	Skilled	0.1	3.21345	-
	iii	Semi-Skilled	0.0573	1.84130685	-

11	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.	-	10.25325	Cum
i	Un-Skilled	2.96	30.34962	-
ii	Skilled	1.05	10.7659125	-
iii	Highly-Skilled	0.35	3.5886375	-

12	<p>Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm 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>	-	7.155	Cum
	i Un-Skilled	2.96	21.1788	-
	ii Skilled	1.05	7.51275	-
	iii Highly-Skilled	0.35	2.50425	-
13	<p>Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - 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.</p>	-	249.83	Sqm
	i Highly-Skilled	0.053763440860215	13.431720430108	-

	ii	Un-Skilled	0.053763440860215	13.431720430108	-
14		Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside) - Finishing wall two coats with distemper 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)	-	249.83	Sqm
	i	Highly-Skilled	0.052	12.99116	-
	ii	Un-Skilled	0.062	15.48946	-
15		Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound 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)	-	53.82	Sqm
	i	Un-Skilled	0.11776344086022	6.3380283870968	-
	ii	Highly-Skilled	0.10776344086022	5.7998283870968	-

16	Flooring (AR0802i) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.	-	96.39	Sqm
i	Un-Skilled	0.36	34.7004	-
ii	Highly-Skilled	0.13	12.5307	-
17	Road Work (AR1307) : Supplying & spreading moorum and consolidation with HRR - Supplying & spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in- Charge.	-	4.5	Cum
i	Un-Skilled	1.0600706713781	4.7703180212014	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	290.15759888841	462	134052.81068644
1	Skilled	144.67902916667	562	81309.614391667
2	Semi-Skilled	109.67436351667	512	56153.274120533
3	Highly-Skilled	59.714296317204	612	36545.149346129

Total: 308060.84854477