

ESTIMATION DPR							
State	Odisha	District	Ganjam	Block	Digapahandi	Gram Panchayat	Gada Gobindapur

Work Code	OD/354/3372/117733/413005/00050403 (Development of Rural Haats at Dhanyaraasi)
Project Category	Building

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Digapahandi	Proposal Date	-
Date of Commencement	-	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Development of Rural Haat
Project Sub-Category	Market Complex	Project Type	New Work
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	1109
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	-	40.3142742	Cum

	i	Un-Skilled	0.516	20.8021654872	-
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.	-	7.1906974	Cum
	i	Un-Skilled	0.1236	0.88877019864	-
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.	-	7.1906974	Cum
	i	Skilled	0.18	1.294325532	-
	ii	Un-Skilled	3.9	28.04371986	-

4	<p>Masonry Stone Work (AR0703) : Random rubble H.G. stone of masonry. - Random rubble H.G. stone of size not less than 0.0025 cum stacked masonry in cement mortar (1:6) in foundation and plinth including watering, curing for seven days 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.</p>	-	21.6340352	Cum
i	Un-Skilled	3.17	68.579891584	-
ii	Skilled	1.41	30.503989632	-
iii	Highly-Skilled	0.35	7.57191232	-
5	<p>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)</p>	-	22.84935686	Cum

	i	Un-Skilled	1.3333	30.465047501438	-
	ii	Skilled	0.1	2.284935686	-
	iii	Semi-Skilled	0.0573	1.309268148078	-
6		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.	-	22	Qntl
	i	Un-Skilled	0.8	17.6	-
	ii	Highly-Skilled	0.3	6.6	-
	iii	Semi-Skilled	0.044	0.968	-

7	<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>	-	54.60373825	Sqm
i	Semi-Skilled	0.05	2.7301869125	-
ii	Skilled	0.05	2.7301869125	-
8	<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, girder and bressmer, etc. Data for 4.2sqm</p>	-	43.68763575	Sqm
i	Semi-Skilled	0.6547619047619	28.604999598214	-
ii	Skilled	0.6547619047619	28.604999598214	-

9	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	-	69.305638	Sqm
i	Semi-Skilled	0.305555555555556	21.176722722222	-
ii	Skilled	0.305555555555556	21.176722722222	-
10	R.C.C. Work (AR0410e) : 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. Lintels Data for 7.8 sqm	-	12.8670655	Sqm
i	Semi-Skilled	0.16025641025641	2.0620297275641	-
ii	Skilled	0.16025641025641	2.0620297275641	-

11	<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>	-	26.1700326	Cum
	i Un-Skilled	2.96	77.463296496	-
	ii Skilled	1.05	27.47853423	-
	iii Highly-Skilled	0.35	9.15951141	-
12	<p>Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside. - 12mm thick cement plaster (1:6) over Brick work in outside 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>	-	120.47196525	Sqm
	i Un-Skilled	0.12	14.45663583	-

	ii	Skilled	0.14	16.866075135	-
13		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.	-	140.562239	Sqm
	i	Un-Skilled	0.24	33.73493736	-
	ii	Skilled	0.16	22.48995824	-
14		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.	-	321.011	Sqm
	i	Highly-Skilled	0.053763440860215	17.258655913978	-
	ii	Un-Skilled	0.053763440860215	17.258655913978	-

15	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)	-	200.535	Sqm
i	Highly-Skilled	0.052	10.42782	-
ii	Un-Skilled	0.062	12.43317	-
16	Painting (AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface) - Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	23.436	Sqm
i	Highly-Skilled	0.13440860215054	3.15	-
ii	Un-Skilled	0.11827956989247	2.772	-

17	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.	-	5.208	Qntl
i	Un-Skilled	6.3976377952756	33.318897637795	-
ii	Semi-Skilled	1.9685039370079	10.251968503937	-
iii	Skilled	3.9370078740157	20.503937007874	-
iv	Highly-Skilled	3.4448818897638	17.94094488189	-
18	Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)	-	35.154	Sqm
i	Un-Skilled	0.216	7.593264	-

	ii	Highly-Skilled	0.216	7.593264	-
19		Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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. (new work)	-	59.985	Sqm
	i	Un-Skilled	0.36	21.5946	-
	ii	Highly-Skilled	0.1	5.9985	-
20		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.	-	0.602	Cum
	i	Un-Skilled	4.6	2.7692	-

ii	Skilled	0.68	0.40936	-
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Sl.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	389.77425186905	462	180075.7043635
1	Skilled	176.40505442337	562	99139.640585937
2	Highly-Skilled	85.700608525868	612	52448.772417831
3	Semi-Skilled	67.103175612516	512	34356.825913608
Total:				366020.94328088