

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Kandhamal	<b>Block</b>	G.Udayagiri	<b>Gram Panchayat</b>	Ratingia

<b>Work Code</b>	OD/359/3425/118920/415805/00070509 (Construction of rural haat at Ratingia)
<b>Project Category</b>	Building

<b>Financial Year</b>	2022-23	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, G.Udayagiri	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	18-03-2026	<b>Date of Completion</b>	31-03-2026
<b>Scheme Name</b>	5th SFC Grant in Aid	<b>Scheme Component Name</b>	Development of Rural Haat
<b>Project Sub-Category</b>	Market Complex	<b>Project Type</b>	New Work
<b>Name of Executant</b>	PRAMOD KUMAR NAYAK		

### Administrative Approval Details

<b>Approval No.</b>	OD/359/3425/118920/415805/00070509/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/359/3425/118920/415805/00070509/TS
<b>Fund Sanction No.</b>	
<b>Fund Sanction Amount (in Rs.)</b>	1000000

### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<b>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b> 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	-	31.14848	Cum

	i	Un-Skilled	0.516	16.07261568	-
2		<b>Earth Work (AR0115)</b> <b>: Filling foundation and plinth with sand well watered and rammed -</b> 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.	-	55.9044424	Cum
	i	Un-Skilled	0.1236	6.90978908064	-
3		<b>Concrete (AR0303a)</b> <b>: Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal -</b> Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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.	-	38.693420568	Cum
	i	Un-Skilled	3.9	150.9043402152	-
	ii	Skilled	0.18	6.96481570224	-

4	<p><b>Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b>          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/cm<sup>2</sup> 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&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	9.840229584	Cum
i	Un-Skilled	2.96	29.12707956864	-
ii	Skilled	1.05	10.3322410632	-
iii	Highly-Skilled	0.35	3.4440803544	-

5	<b>R.C.C. Work (AR0404A) :</b> <b>Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> 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)	-	23.228164852	Cum
i	Un-Skilled	1.3333	30.970112197172	-
ii	Skilled	0.1	2.3228164852	-
iii	Semi-Skilled	0.0573	1.3309738460196	-

6	<p><b>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 -</b>  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>	-	29.666	Qntl
i	Un-Skilled	0.8	23.7328	-
ii	Highly-Skilled	0.3	8.8998	-
iii	Semi-Skilled	0.044	1.305304	-
7	<p><b>R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc -</b>  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>	-	13.93545	Sqm
i	Semi-Skilled	0.05	0.6967725	-

	ii	Skilled	0.05	0.6967725	-
8		<b>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</b>	-	8.4229947532	Sqm
	i	Semi-Skilled	0.16025641025641	1.3498389027564	-
	ii	Skilled	0.16025641025641	1.3498389027564	-
9		<b>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</b>	-	46.6220234565	Sqm
	i	Semi-Skilled	0.6547619047619	30.526324882232	-
	ii	Skilled	0.6547619047619	30.526324882232	-

10	<p><b>R.C.C. Work (AR0410a) : Centring &amp; 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</b></p>	-	68.683652415	Sqm	
	i	Semi-Skilled	0.305555555555556	20.98667157125	-
	ii	Skilled	0.305555555555556	20.98667157125	-
11	<p><b>Flooring (AR0820) : 2.5 cm. Damp proof course with C.C. (1:2:4) using 12mm. Size hard broken(crusher broken) granite Chips - 2.5 cm. Damp proof course with C.C. (1:2:4) using 12mm. Size hard broken(crusher broken) granite Chips including curing for seven days with cost conveyance, royalty,taxes of all materials, labour and T&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</b></p>	-	50.23729725	Sqm	
	i	Un-Skilled	0.36	18.08542701	-
	ii	Highly-Skilled	0.103	5.17444161675	-

12	<p><b>Concrete (AR0318) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) - 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&amp;P required for the work etc. complete as per specifaion and direction of Engineer-in charge. (Old Work)</b></p>	-	69.88628175	Sqm
i	Un-Skilled	1.008	70.445372004	-
ii	Highly-Skilled	0.165	11.53123648875	-
13	<p><b>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 &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</b></p>	-	63.49269729	Sqm
i	Un-Skilled	0.12	7.6191236748	-
ii	Skilled	0.14	8.8889776206	-

14	<p><b>Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside.</b> - 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 &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	-	53.25664475	Sqm
i	Un-Skilled	0.24	12.78159474	-
ii	Skilled	0.16	8.52106316	-
15	<p><b>Plastering (AR1008) : 20mm thick cement Plaster in CM (1:6) over brick work in inside.</b> - 20mm thick cement Plaster in CM (1:6) for stone 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 &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	-	32.11842516	Sqm
i	Un-Skilled	0.24	7.7084220384	-
ii	Skilled	0.16	5.1389480256	-

16	<p><b>Plastering (AR1027) :</b>  <b>6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) -</b> 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T &amp; P required for the work, etc comp. and as per the direction of the Engineer-in-charge.</p>	-	8.281837935	Sqm
i	Un-Skilled	0.17	1.40791244895	-
ii	Skilled	0.14	1.1594573109	-
17	<p><b>Painting (AR0922) :</b>  <b>Finishing wall two coats with distemper of approved shades on new work (Inside) -</b>          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)</p>	-	61.120419185	Sqm
i	Highly-Skilled	0.052	3.17826179762	-
ii	Un-Skilled	0.062	3.78946598947	-

18	<b>Painting (AR0918f) : Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside) -</b> Finishing wall with two coat weather coat paint of approved shade in the outer surface of old 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)	-	54.43372576	Sqm
i	Un-Skilled	0.064	3.48375844864	-
ii	Highly-Skilled	0.054	2.93942119104	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	383.03781309591	462	176963.46965031
1	Skilled	96.887927223979	562	54451.015099876
2	Highly-Skilled	35.16724144856	612	21522.351766519
3	Semi-Skilled	56.195885702258	512	28772.293479556
<b>Total:</b>				<b>281709.12999626</b>