

ESTIMATION DPR							
State	Odisha	District	Ganjam	Block	Khallikote	Gram Panchayat	Sabulia

Work Code	OD/354/3377/117849/411957/00083029 (IMPROVEMENT OF RURAL HAAT AT SABULIA 2021)
Project Category	Other Infrastructure

Financial Year	2020-21	Execution Level	PS
Executing Agency	Panchayat Samiti, Khallikote	Proposal Date	-
Date of Commencement	17-03-2026	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Development of Rural Haat
Project Sub-Category	Rural Haat	Project Type	Upgradation or Improvement
Name of Executant	GAYATRI SETHI		

Administrative Approval Details

Approval No.	OD/354/3377/117849/411957/00083029/AS
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Technical Sanction Details

Technical Sanction No.	OD/354/3377/117849/411957/00083029/TS
Fund Sanction No.	2311
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	-	27.362125	Cum

	i	Un-Skilled	0.516	14.1188565	-
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.	-	7.91125	Cum
	i	Un-Skilled	0.1236	0.9778305	-
3		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.	-	261.54	Sqm
	i	Un-Skilled	0.24	62.7696	-
	ii	Skilled	0.16	41.8464	-

4	<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>	-	19.5	Qntl
i	Un-Skilled	0.8	15.6	-
ii	Highly-Skilled	0.3	5.85	-
iii	Semi-Skilled	0.044	0.858	-
5	<p>Plastering (AR1017) : 20mm thick cement Plaster in CM (1:4) over masonry work in inside. - 20mm thick cement Plaster in CM (1:4) over 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 & P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	-	48.545	Sqm
i	Un-Skilled	0.24	11.6508	-

	ii	Skilled	0.16	7.7672	-
6		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.	-	8.04	Sqm
	i	Highly-Skilled	0.325	2.613	-
	ii	Un-Skilled	0.325	2.613	-
	iii	Semi-Skilled	0.76	6.1104	-

7	Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - 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.	-	18.89875	Cum
i	Un-Skilled	3.9	73.705125	-
ii	Skilled	0.18	3.401775	-

8	R.C.C. Work (AR0404Aa) : 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 foundation, footing bases of column, mass concrete, pre-cast slabs etc.)	-	5.94	Cum
i	Un-Skilled	1.3333	7.919802	-
ii	Skilled	0.175	1.0395	-
iii	Semi-Skilled	0.1323	0.785862	-

9	R.C.C. Work (AR0404Ab) : 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 Plinth band)	-	2.372565	Cum
i	Un-Skilled	1.3333	3.1633409145	-
ii	Skilled	0.35	0.83039775	-
iii	Semi-Skilled	0.3073	0.7290892245	-

10	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)	-	3.959565	Cum
i	Un-Skilled	1.3333	5.2792880145	-
ii	Skilled	5.33875	21.13912764375	-
iii	Semi-Skilled	5.29605	20.97005421825	-

11	R.C.C. Work (AR0404Ad) : 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 Lintels)	-	1.547325	Cum
i	Un-Skilled	1.3333	2.0630484225	-
ii	Skilled	2.34375	3.62654296875	-
iii	Semi-Skilled	2.30105	3.56047219125	-

12	R.C.C. Work (AR0404Ag) : 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 Roof slab, landing, balcony, sun shade)	-	7.1808	Cum
i	Un-Skilled	1.3333	9.57416064	-
ii	Skilled	3.15525	22.6572192	-
iii	Semi-Skilled	3.11255	22.35059904	-

13	<p>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)</p>	-	44.53	Sqm
i	Un-Skilled	0.216	9.61848	-
ii	Highly-Skilled	0.216	9.61848	-
14	<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>	-	261.54	Sqm
i	Highly-Skilled	0.053763440860215	14.061290322581	-
ii	Un-Skilled	0.053763440860215	14.061290322581	-

15	<p>Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - 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)</p>	-	276.66	Sqm
i	Highly-Skilled	0.054	14.93964	-
ii	Un-Skilled	0.064	17.70624	-
16	<p>Masonry Brick Work (AR0603i) : K.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with K.B. 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>	-	24.37425	Cum
i	Un-Skilled	2.96	72.14778	-
ii	Skilled	1.05	25.5929625	-

	iii	Highly-Skilled	0.35	8.5309875	-
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.	-	6.72	Qntl
	i	Un-Skilled	6.3976377952756	42.992125984252	-
	ii	Semi-Skilled	1.9685039370079	13.228346456693	-
	iii	Skilled	3.9370078740157	26.456692913386	-
	iv	Highly-Skilled	3.4448818897638	23.149606299213	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	365.96076829833	462	169073.87495383
1	Skilled	154.35781797589	562	86749.093702448
2	Highly-Skilled	78.763004121793	612	48202.958522537
3	Semi-Skilled	68.592823130693	512	35119.525442915
Total:				339145.45262173