

ESTIMATION DPR							
State	Odisha	District	Jajpur	Block	Rasulpur	Gram Panchayat	Routrapur

Work Code	OD/356/3402/118485/401141/00026062 (Development Of GP Rural Haat)
Project Category	Other Infrastructure

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Rasulpur	Proposal Date	-
Date of Commencement	27-10-2025	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	SUNARAM MARNDI		

Administrative Approval Details

Approval No.	OD/356/3402/118485/401141/00026062/AS
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Technical Sanction Details

Technical Sanction No.	OD/356/3402/118485/401141/00026062/TS
Fund Sanction No.	12430
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 (AR0122Ai) : Earth work in all kinds of soil within 50m, initial lead and 1.5m, initial lift - Earth work in all kinds of soil 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 direction of the Engineer-in-charge.	-	38.165625	Cum
i	Un-Skilled	0.473534	18.07272106875	-

2	<p>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.</p>	-	44.863125	Cum
	i Un-Skilled	0.1236	5.54508225	-
3	<p>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.</p>	-	15.9225	Cum
	i Skilled	0.18	2.86605	-
	ii Un-Skilled	3.9	62.09775	-

4	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.)	-	6.0075	Cum
i	Un-Skilled	1.3333	8.00979975	-
ii	Skilled	0.175	1.0513125	-
iii	Semi-Skilled	0.1323	0.79479225	-

5	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)	-	3.671875	Cum
i	Un-Skilled	1.3333	4.8957109375	-
ii	Skilled	0.35	1.28515625	-
iii	Semi-Skilled	0.3073	1.1283671875	-

6	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)	-	7.4140625	Cum
i	Un-Skilled	1.3333	9.88516953125	-
ii	Skilled	5.33875	39.581826171875	-
iii	Semi-Skilled	5.29605	39.265245703125	-

7	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)	-	11.7505	Cum
i	Un-Skilled	1.3333	15.66694165	-
ii	Skilled	3.15525	37.075765125	-
iii	Semi-Skilled	3.11255	36.574018775	-

8	<p>Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</p> <p>- 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/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>	-	9.45	Cum
i	Un-Skilled	2.96	27.972	-
ii	Skilled	1.05	9.9225	-
iii	Highly-Skilled	0.35	3.3075	-
9	<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>	-	26.45	Sqm
i	Un-Skilled	0.12	3.174	-

	ii	Skilled	0.14	3.703	-
10		Plastering (AR1026) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces (inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	141.875	Sqm
	i	Un-Skilled	0.12	17.025	-
	ii	Skilled	0.14	19.8625	-
11		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.	-	110.885	Sqm
	i	Un-Skilled	0.24	26.6124	-
	ii	Skilled	0.16	17.7416	-

12	<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>	-	26	Qntl
i	Un-Skilled	0.8	20.8	-
ii	Highly-Skilled	0.3	7.8	-
iii	Semi-Skilled	0.044	1.144	-
13	<p>Painting (AR0901di) : Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface) - Priming one coat with outer 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>	-	168.085	Sqm
i	Highly-Skilled	0.053763440860215	9.0368279569892	-

	ii	Un-Skilled	0.053763440860215	9.0368279569892	-
14		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)	-	168.085	Sqm
	i	Un-Skilled	0.11776344086022	19.794267956989	-
	ii	Highly-Skilled	0.10776344086022	18.113417956989	-
15		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)	-	93.4375	Sqm
	i	Un-Skilled	0.216	20.1825	-
	ii	Highly-Skilled	0.216	20.1825	-

16	<p>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 specifaion and direction of Engineer-in charge.</p>	-	1.081875	Cum
i	Un-Skilled	4.6	4.976625	-
ii	Skilled	0.68	0.735675	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	273.74679610148	462	126471.01979888
1	Skilled	133.82538504687	562	75209.866396344
2	Semi-Skilled	78.906423915625	512	40400.0890448
3	Highly-Skilled	58.440245913979	612	35765.430499355
Total: 277846.40573938				