

ESTIMATION DPR							
State	Odisha	District	Puri	Block	Krushnaprasad	Gram Panchayat	Badajhada

Work Code	OD/369/3542/120993/410172/00048228 (CONSTN OF RURAL HAT AT SIPIA)
Project Category	Building

Financial Year	2022-23	Execution Level	PS
Executing Agency	Panchayat Samiti, Krushnaprasad	Proposal Date	-
Date of Commencement	27-11-2025	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	Jitendra Das		

Administrative Approval Details

Approval No.	OD/369/3542/120993/410172/00048228/AS
---------------------	---------------------------------------

Technical Sanction Details

Technical Sanction No.	OD/369/3542/120993/410172/00048228/TS
Fund Sanction No.	
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 (AR0101aa) : Earthwork in ordinary soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift - Earthwork in ordinary soil in foundation and 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 direction of the Engineer-in-charge per 100 cum	-	71.2627668	Cum

	i	Un-Skilled	0.384	27.3649024512	-
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.	-	52.16981044	Cum
	i	Un-Skilled	0.1236	6.448188570384	-
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.	-	23.24807297824	Cum
	i	Skilled	0.18	4.1846531360832	-
	ii	Un-Skilled	3.9	90.667484615136	-

4	Masonry Stone Work (AR0717) : Laterite stone masonry - Laterite stone masonry in cement mortar (1:6) in foundation and plinth cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.	-	10.417299180307	Cum
i	Un-Skilled	1.21	12.604932008171	-
ii	Skilled	1.05	10.938164139322	-
iii	Highly-Skilled	2.295	23.907701618805	-
iv	Semi-Skilled	1.41	14.688391844233	-

5	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.)	-	8.5047015788928	Cum
i	Un-Skilled	1.3333	11.339318615138	-
ii	Skilled	0.175	1.4883227763062	-
iii	Semi-Skilled	0.1323	1.1251720188875	-

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)	-	6.73970422144	Cum
i	Un-Skilled	1.3333	8.986047638446	-
ii	Skilled	5.33875	35.981595912213	-
iii	Semi-Skilled	5.29605	35.693810541957	-

7	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)	-	3.4688136067264	Cum
i	Un-Skilled	1.3333	4.6249691818483	-
ii	Skilled	0.35	1.2140847623542	-
iii	Semi-Skilled	0.3073	1.065966421347	-

8	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)	-	8.437273728	Cum
i	Un-Skilled	1.3333	11.249417061542	-
ii	Skilled	3.15525	26.621707930272	-
iii	Semi-Skilled	3.11255	26.261436342086	-

9	<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>	-	20.5	Qntl
i	Un-Skilled	0.8	16.4	-
ii	Highly-Skilled	0.3	6.15	-
iii	Semi-Skilled	0.044	0.902	-
10	<p>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 specifaion and direction of Engineer-in charge. (new work)</p>	-	84.6007791468	Sqm
i	Un-Skilled	0.36	30.456280492848	-

	ii	Highly-Skilled	0.1	8.46007791468	-
11		Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 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 & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	152.812242774	Sqm
	i	Un-Skilled	0.17	25.97808127158	-
	ii	Skilled	0.14	21.39371398836	-
12		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)	-	185.096035274	Sqm
	i	Un-Skilled	0.11776344086022	21.79754600345	-
	ii	Highly-Skilled	0.10776344086022	19.94658565071	-

13	<p>Flooring (AR0802ii) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.</p>	-	55.7418	Sqm
i	Un-Skilled	0.36	20.067048	-
ii	Highly-Skilled	0.13	7.246434	-
14	<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>	-	59.14576592	Sqm
i	Un-Skilled	0.12	7.0974919104	-
ii	Skilled	0.14	8.2804072288	-

15	<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>	-	4.24752	Cum
i	Un-Skilled	4.6	19.538592	-
ii	Skilled	0.68	2.8883136	-
16	<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>	-	7.57969944	Cum
i	Un-Skilled	2.96	22.4359103424	-

	ii	Skilled	1.05	7.958684412	-
	iii	Highly-Skilled	0.35	2.652894804	-
17		Earth Work (AR0122Bi) : Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift - Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift including dressing and leveling the bed, etc. as per direction of Engineer-in-Charge.	-	33.98016	Cum
	i	Un-Skilled	0.32	10.8736512	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	347.92986136254	462	160743.5959495
1	Skilled	120.94964788571	562	67973.702111769
2	Highly-Skilled	68.363693988195	612	41838.580720775
3	Semi-Skilled	79.736777168511	512	40825.229910278
Total:				311381.10869232