

ESTIMATION DPR							
State	Odisha	District	Balasore	Block	Nilgiri	Gram Panchayat	Matiali

Work Code	OD/346/3305/116246/393255/00117426 (GP FACILITY CENTER OF MATIALI)
Project Category	Building

Financial Year	2020-21	Execution Level	PS
Executing Agency	Panchayat Samiti, Nilgiri	Proposal Date	-
Date of Commencement	01-04-2026	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Provision of Facilities at GP Head Quarter
Project Sub-Category	GP Facility Centre	Project Type	New Work
Name of Executant	SANJEEB KUMAR PANDA		

Administrative Approval Details

Approval No.	OD/346/3305/116246/393255/00117426/AS
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Technical Sanction Details

Technical Sanction No.	OD/346/3305/116246/393255/00117426/TS
Fund Sanction No.	9119
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	-	23.27216208	Cum

	i	Un-Skilled	0.516	12.00843563328	-
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.	-	25.8116268624	Cum
	i	Un-Skilled	0.1236	3.1903170801926	-
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.	-	8.7326321104	Cum
	i	Skilled	0.18	1.571873779872	-
	ii	Un-Skilled	3.9	34.05726523056	-

4	Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - 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/cm ² 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.	-	1.7535957112	Cum
i	Un-Skilled	2.96	5.190643305152	-
ii	Skilled	1.05	1.84127549676	-
iii	Highly-Skilled	0.35	0.61375849892	-

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>	-	24.304378702893	Cum
i	Un-Skilled	1.3333	32.405028124567	-
ii	Skilled	0.1	2.4304378702893	-
iii	Semi-Skilled	0.0573	1.3926408996758	-
6	<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>	-	29.871566105	Sqm

	i	Semi-Skilled	0.05	1.49357830525	-
	ii	Skilled	0.05	1.49357830525	-
7		R.C.C. Work (AR0410f) : 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 in ground floor R.C.C. walls and fins including attached pilasters	-	50.4132183708	Sqm
	i	Semi-Skilled	0.56485355648536	28.476085690619	-
	ii	Skilled	0.56485355648536	28.476085690619	-
8		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.	-	30	Qntl

	i	Un-Skilled	0.8	24	-
	ii	Highly-Skilled	0.3	9	-
	iii	Semi-Skilled	0.044	1.32	-
9		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	-	13.7938286668	Sqm
	i	Semi-Skilled	0.16025641025641	2.2105494658333	-
	ii	Skilled	0.16025641025641	2.2105494658333	-
10		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	-	58.42019349	Sqm

	i	Semi-Skilled	0.305555555555556	17.8506146775	-
	ii	Skilled	0.305555555555556	17.8506146775	-
11		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/cm ² 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.	-	16.84432493536	Cum
	i	Un-Skilled	2.96	49.859201808666	-
	ii	Skilled	1.05	17.686541182128	-
	iii	Highly-Skilled	0.35	5.895513727376	-

12	<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>	-	58.42019349	Sqm
i	Un-Skilled	0.24	14.0208464376	-
ii	Skilled	0.16	9.3472309584	-
13	<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>	-	107.883144235	Sqm
i	Un-Skilled	0.12	12.9459773082	-
ii	Skilled	0.14	15.1036401929	-

14	<p>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.</p>	-	71.0243435	Sqm
i	Un-Skilled	0.24	17.04584244	-
ii	Skilled	0.16	11.36389496	-
15	<p>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.</p>	-	54.3970848168	Sqm
i	Un-Skilled	0.17	9.247504418856	-
ii	Skilled	0.14	7.615591874352	-

16	<p>Flooring (AR0816) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in- charge.</p>	-	47.7211216883	Sqm
i	Un-Skilled	0.216	10.307762284673	-
ii	Highly-Skilled	0.216	10.307762284673	-
iii	Semi-Skilled	0.55	26.246616928565	-

17	<p>Flooring (AR0817a) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) 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 ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in- charge</p>	-	4.629821005	Sqm
i	Highly-Skilled	0.325	1.504691826625	-
ii	Un-Skilled	0.325	1.504691826625	-
iii	Semi-Skilled	0.76	3.5186639638	-
18	<p>Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.</p>	-	27.685094	Sqm

	i	Highly-Skilled	0.18817204301075	5.2095606989247	-
	ii	Un-Skilled	0.17204301075269	4.7630269247312	-
19		Painting (AR0902a) : Painting one coat of enamel paint with a coat of wood primer on new wood work in inner surface (inside) - Painting one coat of enamel paint with a coat of wood primer on new wood work in inner surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in- charge.(inside).	-	230.0232385918	Sqm
	i	Un-Skilled	0.14193548387097	32.648459671094	-
	ii	Highly-Skilled	0.13440860215054	30.917101961263	-
20		Painting (AR0920a) : Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work (Inside) - Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in- charge.(Inside)	-	125.4214283168	Sqm

	i	Highly-Skilled	0.10776344086022	13.515844673021	-
	ii	Un-Skilled	0.11776344086022	14.770058956189	-
21		Painting (AR0918g) : Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work .(Outside) - Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer 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)	-	107.883144235	Sqm
	i	Un-Skilled	0.11776344086022	12.704690275932	-
	ii	Highly-Skilled	0.10776344086022	11.625858833582	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	290.66975172632	462	134289.42529756
1	Skilled	116.9913144539	562	65749.118723094
2	Highly-Skilled	88.590092504386	612	54217.136612684
3	Semi-Skilled	82.508749931243	512	42244.479964797
Total:				296500.16059813