

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Khordha	<b>Block</b>	Balipatna	<b>Gram Panchayat</b>	Alisisasan

<b>Work Code</b>	OD/362/3457/275278/407671/00021169 (Provision Of Facility Centre At Alisisasan GP Hqrs)
<b>Project Category</b>	Building

<b>Financial Year</b>	2023-24	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Balipatna	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	08-01-2026	<b>Date of Completion</b>	-
<b>Scheme Name</b>	5th SFC Grant in Aid	<b>Scheme Component Name</b>	Provision of Facilities at GP Head Quarter
<b>Project Sub-Category</b>	GP Facility Centre	<b>Project Type</b>	New Work
<b>Name of Executant</b>	Sushree		

### Administrative Approval Details

<b>Approval No.</b>	OD/362/3457/275278/407671/00021169/AS
---------------------	---------------------------------------

### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/362/3457/275278/407671/00021169/TS
<b>Fund Sanction No.</b>	15219
<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	<p><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></p> <p>Earth work in hard soil or gravelly soil foundation &amp; 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</p>	-	25.559876352	Cum

	i	Un-Skilled	0.516	13.188896197632	-
2		<b>Earth Work (AR0115) : 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.	-	28.796486592	Cum
	i	Un-Skilled	0.1236	3.5592457427712	-
3		<b>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b> 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.	-	9.72913145088	Cum
	i	Skilled	0.18	1.7512436611584	-
	ii	Un-Skilled	3.9	37.943612658432	-

4	<b>R.C.C. Work (AR0404Aa) :</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. (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.)	-	5.1288804	Cum
i	Un-Skilled	1.3333	6.83833623732	-
ii	Skilled	0.175	0.89755407	-
iii	Semi-Skilled	0.1323	0.67855087692	-

5	<b>R.C.C. Work (AR0404Ab) :</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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)	-	3.7404935376	Cum
i	Un-Skilled	1.3333	4.9872000336821	-
ii	Skilled	0.35	1.30917273816	-
iii	Semi-Skilled	0.3073	1.1494536641045	-

6	<b>R.C.C. Work (AR0404Ac) :</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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)	-	6.77360721816	Cum
i	Un-Skilled	1.3333	9.0312505039727	-
ii	Skilled	5.33875	36.162595535952	-
iii	Semi-Skilled	5.29605	35.873362507736	-

7	<b>R.C.C. Work (AR0404Ad) :</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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)	-	1.3355547928	Cum
i	Un-Skilled	1.3333	1.7806952052402	-
ii	Skilled	2.34375	3.130206545625	-
iii	Semi-Skilled	2.30105	3.0731783559724	-

8	<b>R.C.C. Work (AR0404Ag) :</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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	8.35855868736	Cum
i	Un-Skilled	1.3333	11.144466297857	-
ii	Skilled	3.15525	26.373342298293	-
iii	Semi-Skilled	3.11255	26.016431842342	-

9	<b>R.C.C. Work (AR0404Af) :</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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Sun sheds & Chajja)	-	5.17098098	Sqm
i	Un-Skilled	0.08333125	0.43090430878962	-
ii	Skilled	0.3423	1.770026789454	-
iii	Semi-Skilled	0.33963125	1.7562267339636	-

10	<b>Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</b> - 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 <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&P required for the work, etc. complete and as per direction of Engineer-in-charge.	-	3.3140093423104	Cum
i	Un-Skilled	2.96	9.8094676532388	-
ii	Skilled	1.05	3.4797098094259	-
iii	Highly-Skilled	0.35	1.1599032698086	-

11	<p><b>Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b>          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<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>	-	20.0574124096	Cum
i	Un-Skilled	2.96	59.369940732416	-
ii	Skilled	1.05	21.06028303008	-
iii	Highly-Skilled	0.35	7.02009434336	-
12	<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>	-	26	Qntl

	i	Un-Skilled	0.8	20.8	-
	ii	Highly-Skilled	0.3	7.8	-
	iii	Semi-Skilled	0.044	1.144	-
13		<b>Plastering (AR1017) : 20mm thick cement Plaster in CM (1:4) over masonry work in inside.</b> - 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.	-	65.29315743	Sqm
	i	Un-Skilled	0.24	15.6703577832	-
	ii	Skilled	0.16	10.4469051888	-
14		<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 & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	94.44611883	Sqm

	i	Un-Skilled	0.24	22.6670685192	-
	ii	Skilled	0.16	15.1113790128	-
15		<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>	-	77.15779956	Sqm
	i	Un-Skilled	0.12	9.2589359472	-
	ii	Skilled	0.14	10.8020919384	-
16		<b>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 &amp; P required for the work, etc comp. and as per the direction of the Engineer-in-charge.</b>	-	67.5869325	Sqm
	i	Un-Skilled	0.17	11.489778525	-

	ii	Skilled	0.14	9.46217055	-
17		<b>Flooring (AR0817aa)</b> <b>: 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) -</b> 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.	-	49.204680405	Sqm
	i	Highly-Skilled	0.325	15.991521131625	-
	ii	Un-Skilled	0.325	15.991521131625	-
	iii	Semi-Skilled	0.76	37.3955571078	-

18	<p><b>Flooring (AR0816) :</b>  <b>Fixing ceramic Tiles</b>  <b>(30cmx30cm /</b>  <b>40cmx40cm special</b>  <b>plain/printed series</b>  <b>ceramic floor tiles of</b>  <b>premium grade</b>  <b>having thickness</b>  <b>7mm to 8mm</b>  <b>confirming to IS</b>  <b>13755) in floor -</b> 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>	-	3.8859281034	Sqm
i	Un-Skilled	0.216	0.8393604703344	-
ii	Highly-Skilled	0.216	0.8393604703344	-
iii	Semi-Skilled	0.55	2.13726045687	-

19	<p><b>Flooring (AR0817b) :</b>  <b>Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) -</b> Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding 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>	-	34.89808292	Sqm
	i Un-Skilled	0.325	11.341876949	-
	ii Highly-Skilled	0.325	11.341876949	-
20	<p><b>Painting (AR0918cb) :</b>  <b>Finishing wall two coats with weather coat with one coat waterbound Primer -</b> 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)</p>	-	78.42685454	Sqm
	i Un-Skilled	0.11776344086022	9.235816246474	-

	ii	Highly-Skilled	0.10776344086022	8.451547701074	-
21		<b>Painting (AR0901c) : Priming one coat with inner surface primer of approved quality oil-bound primer over plastering surfaces (Inner surface) -</b> Priming one coat with inner surface primer of approved quality oil-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.	-	67.77831268	Sqm
	i	Highly-Skilled	0.053763440860215	3.6439953053763	-
	ii	Un-Skilled	0.053763440860215	3.6439953053763	-
22		<b>Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) -</b> 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)	-	121.24584724	Sqm
	i	Highly-Skilled	0.054	6.54727575096	-
	ii	Un-Skilled	0.064	7.75973422336	-

23	<b>Iron Work (AR1704) : Iron Doors and windows fixing -</b> 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.	-	3.36	Qntl
i	Un-Skilled	6.3976377952756	21.496062992126	-
ii	Semi-Skilled	1.9685039370079	6.6141732283465	-
iii	Skilled	3.9370078740157	13.228346456693	-
iv	Highly-Skilled	3.4448818897638	11.574803149606	-
24	<b>Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface -</b> 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.	-	20.159951	Sqm
i	Highly-Skilled	0.18817204301075	3.7935391666667	-
ii	Un-Skilled	0.17204301075269	3.4683786666667	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
--------	-------------	----------	------	--------

0	Un-Skilled	311.74690233091	462	144027.06887688
1	Skilled	154.98502762484	562	87101.58552516
2	Semi-Skilled	115.83819477406	512	59309.155724317
3	Highly-Skilled	78.163917237811	612	47836.317349541
				<b>Total: 338274.1274759</b>