

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Bargarh	<b>Block</b>	Bijepur	<b>Gram Panchayat</b>	Badbramahani

<b>Work Code</b>	OD/347/3316/116456/380401/00044746 (Provision of Facilities at Badbrahmani GP)
<b>Project Category</b>	Building

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Bijepur	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	11-03-2026	<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>	ASHISH TIWARI		

### Administrative Approval Details

<b>Approval No.</b>	OD/347/3316/116456/380401/00044746/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/347/3316/116456/380401/00044746/TS
<b>Fund Sanction No.</b>	27859
<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	<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> 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	-	34.01272432	Cum

	i	Un-Skilled	0.516	17.55056574912	-
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.	-	37.327182540224	Cum
	i	Un-Skilled	0.1236	4.6136397619717	-
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.	-	10.811181734054	Cum
	i	Skilled	0.18	1.9460127121297	-
	ii	Un-Skilled	3.9	42.163608762811	-

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.)	-	3.880428084	Cum
i	Un-Skilled	1.3333	5.1737747643972	-
ii	Skilled	0.175	0.6790749147	-
iii	Semi-Skilled	0.1323	0.5133806355132	-

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)	-	3.2349193589216	Cum
i	Un-Skilled	1.3333	4.3131179812502	-
ii	Skilled	0.35	1.1322217756226	-
iii	Semi-Skilled	0.3073	0.99409071899661	-

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)	-	3.1770245569664	Cum
i	Un-Skilled	1.3333	4.2359268418033	-
ii	Skilled	5.33875	16.961339853504	-
iii	Semi-Skilled	5.29605	16.825680904922	-

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)	-	3.29041216	Cum
i	Un-Skilled	1.3333	4.387106532928	-
ii	Skilled	2.34375	7.7119035	-
iii	Semi-Skilled	2.30105	7.571402900768	-

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)	-	8.85406021216	Cum
i	Un-Skilled	1.3333	11.805118480873	-
ii	Skilled	3.15525	27.936773484418	-
iii	Semi-Skilled	3.11255	27.558705113359	-

9	<p><b>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 &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</b></p>	-	108.26172396	Sqm
i	Un-Skilled	0.12	12.9914068752	-
ii	Skilled	0.14	15.1566413544	-
10	<p><b>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 &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</b></p>	-	173.341390296	Sqm
i	Un-Skilled	0.24	41.60193367104	-
ii	Skilled	0.16	27.73462244736	-

11	<b>Iron Work (AR1702) : Iron work wrought and put up in window grating including drilling holes in choukathas</b> - Iron work wrought and put up in window grating including drilling holes in choukathas including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in- Charge.	-	7.73	Qntl
i	Semi-Skilled	1.4763779527559	11.412401574803	-
ii	Skilled	1.4763779527559	11.412401574803	-
12	<b>Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory</b> - 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)	-	43.01873415	Sqm
i	Un-Skilled	0.216	9.2920465764	-
ii	Highly-Skilled	0.216	9.2920465764	-

13	<p><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.</p>	-	4.71111113	Sqm
i	Highly-Skilled	0.325	1.53111111725	-
ii	Un-Skilled	0.325	1.53111111725	-
iii	Semi-Skilled	0.76	3.5804444588	-

14	<b>Flooring (AR0817a) :</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) -</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 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	-	12.432836878	Sqm
i	Highly-Skilled	0.325	4.04067198535	-
ii	Un-Skilled	0.325	4.04067198535	-
iii	Semi-Skilled	0.76	9.44895602728	-

15	<p><b>Flooring (AR0817bk)</b>  <b>: Fixing Ceramic Tiles</b>  <b>(20cmx30cm /</b>  <b>20cmx20cm special</b>  <b>plain/printed series</b>  <b>ceramic wall tiles of</b>  <b>premium grade</b>  <b>having thickness</b>  <b>6.5mm to 6.7mm</b>  <b>confirming to IS</b>  <b>13753) in wall</b>  <b>cladding on 12mm</b>  <b>thick cement plaster</b>  <b>(1:3)(For repair and</b>  <b>maintenance) - Fixing</b>  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(For repair and  maintenance) .</p>	-	31.276352368	Sqm
i	Un-Skilled	0.325	10.1648145196	-
ii	Highly-Skilled	0.325	10.1648145196	-

16	<p><b>Other Building Items. (AR1902) : cement based wall putty (water based) -</b>  Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&amp;P,etc. complete. and as per the direction of Engineer in Charge.</p>	-	227.48042774	Sqm
i	Un-Skilled	0.057	12.96638438118	-
ii	Skilled	0.05	11.374021387	-
17	<p><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)</p>	-	227.48042774	Sqm
i	Highly-Skilled	0.054	12.28394309796	-
ii	Un-Skilled	0.064	14.55874737536	-

18	<b>Painting (AR0918cb) : 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)	-	108.26172396	Sqm
i	Un-Skilled	0.11776344086022	12.749273126988	-
ii	Highly-Skilled	0.10776344086022	11.666655887388	-
19	<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.	-	38.11345575	Sqm
i	Highly-Skilled	0.18817204301075	7.1718868346774	-
ii	Un-Skilled	0.17204301075269	6.5571536774194	-

20	<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>	-	18.768	Qntl
i	Un-Skilled	0.8	15.0144	-
ii	Highly-Skilled	0.3	5.6304	-
iii	Semi-Skilled	0.044	0.825792	-
21	<p><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&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	11.0665594	Cum

	i	Un-Skilled	2.96	32.757015824	-
	ii	Skilled	1.05	11.61988737	-
	iii	Highly-Skilled	0.35	3.87329579	-
22		<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&P required for the work, etc. complete and as per direction of Engineer-in-charge.	-	20.544510924	Cum
	i	Un-Skilled	2.96	60.81175233504	-
	ii	Skilled	1.05	21.5717364702	-
	iii	Highly-Skilled	0.35	7.1905788234	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	329.27957033998	462	152127.16149707
1	Skilled	155.23663684414	562	87242.989906405

2	Semi-Skilled	78.730854334441	512	40310.197419234
3	Highly-Skilled	72.845404632026	612	44581.3876348
				<b>Total: 324261.73645751</b>