

ESTIMATION DPR							
State	Odisha	District	Puri	Block	Kanas	Gram Panchayat	Gadasanput

Work Code	OD/369/3541/120981/409543/00075801 (CONSTRUCTION OF HALADIAPADA NEHURU COMMUNITY HALL)
Project Category	Building

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Kanas	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	Bikashita Gaon Bikashita Odisha	Scheme Component Name	Viksit Gaon Vikshit Odisha (VGVO)
Project Sub-Category	Community Centre	Project Type	New Work
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	7087
Fund Sanction Amount (in Rs.)	400000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	<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>	Cum	11.3802	802.306832	9130.4122095264

2	<p style="text-align: center;">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>	Cum	7.5868	5623.28266196	42662.720899758
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3	<p style="text-align: center;">R.C.C.</p> <p>Work (AR0404Ac) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips -</p> <p>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)</p>	Cum	1.5975	14223.987836496	22722.820568802
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4	<p style="text-align: center;">R.C.C. Work (AR0404Ag) :</p> <p>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)</p>	Cum	9.29526	12470.118853566	115912.9969748
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5	<p style="text-align: center;">Concrete (AR0318a) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Hand Broken) -</p> <p>4cm thick grading concrete (1:2:4) on roof slab with 12mm and down grade size hard granite chips (Hand Broken) for old work including hoisting and laying in position, compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specification and direction of Engineer-in-charge.</p>	Sqm	92.9526	740.0692522188	68791.361173793
6	<p style="text-align: center;">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 -</p> <p>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>	Qntl	10.88	7959.7534905	86602.11797664

7	<p align="center">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 specificaion and direction of Engineer-in charge.</p>	Cum	4.5816	7124.11605452	32639.850115389
8	<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>	Sqm	62.49	242.602437532	15160.226321375
Total Amount (in Rs.): 393622.50624008					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	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.	-	11.3802	Cum
	i Un-Skilled	0.1236	1.40659272	-
2	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.	-	7.5868	Cum
	i Skilled	0.18	1.365624	-
	ii Un-Skilled	3.9	29.58852	-

3	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)	-	1.5975	Cum
i	Un-Skilled	1.3333	2.12994675	-
ii	Skilled	5.33875	8.528653125	-
iii	Semi-Skilled	5.29605	8.460439875	-

4	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)	-	9.29526	Cum
i	Un-Skilled	1.3333	12.393370158	-
ii	Skilled	3.15525	29.328869115	-
iii	Semi-Skilled	3.11255	28.931961513	-

5	<p>Concrete (AR0318a) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Hand Broken) - 4cm thick grading concrete (1:2:4) on roof slab with 12mm and down grade size hard granite chips (Hand Broken) for old work including hoisting and laying in position, compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specificaion and direction of Engineer-in charge.</p>	-	92.9526	Sqm
i	Un-Skilled	1.008	93.6962208	-
ii	Highly-Skilled	0.165	15.337179	-
6	<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>	-	10.88	Qntl
i	Un-Skilled	0.8	8.704	-

	ii	Highly-Skilled	0.3	3.264	-
	iii	Semi-Skilled	0.044	0.47872	-
7		<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>	-	4.5816	Cum
	i	Un-Skilled	4.6	21.07536	-
	ii	Skilled	0.68	3.115488	-
8		<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>	-	62.49	Sqm

i	Un-Skilled	0.24	14.9976	-
ii	Skilled	0.16	9.9984	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	183.991610428	462	85004.124017736
2	Skilled	52.33703424	562	29413.41324288
3	Semi-Skilled	37.871121388	512	19390.014150656
4	Highly-Skilled	18.601179	612	11383.921548
Total:				145191.47295927

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	11.3802	Cum
i)	BRM029 : Sand for filling and road blinding	1	11.3802	1 Cum

2	<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>	-	7.5868	Cum
i)	BRM340 : Cement	2.29	17.373772	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	3.641664	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	7.283328	1 Cum.
3	<p>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)</p>	-	1.5975	Cum
i)	BRM340 : Cement	3.4733	5.54859675	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.718875	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	0.5751	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	0.86265	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	4.4196	7.060311	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.0663425775	1Cum.
4	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)	-	9.29526	Cum
i)	BRM340 : Cement	3.4733	32.285226558	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	4.182867	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	3.3462936	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	5.0194404	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	57.831389616	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.466781930472	1Cum.
5	Concrete (AR0318a) :.4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Hand Broken) - 4cm thick grading concrete (1:2:4) on roof slab with 12mm and down grade size hard granite chips (Hand Broken) for old work including hoisting and laying in position, compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specificaion and direction of Engineer-in charge.	-	92.9526	Sqm
i)	BRM057 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve)(Hand broken)	0.018	1.6731468	1 Cum.

ii)	BRM340 : Cement	0.1287	11.96299962	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.018	1.6731468	1 Cum
iv)	BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.018	1.6731468	1 Cum.
6	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.	-	10.88	Qntl
i)	BRM162 : Binding Wire.	0.8	8.704	1 Kg.
ii)	BRM341 : Steel	1.05	11.424	1 Qntl.
7	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 specificaion and direction of Engineer-in charge.	-	4.5816	Cum
i)	BRM340 : Cement	3.23	14.798568	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	2.06172	1 Cum
iii)	BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.9	4.12344	1 Cum.
8	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.	-	62.49	Sqm
i)	BRM340 : Cement	0.043	2.68707	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	1.12482	1 Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	11.3802	1 Cum	662.01	7533.806202
2	BRM340	84.656232928	1 Qntl.	584.707	49499.091986632
3	BRM028	13.4030928	1 Cum	481.21	6449.702286288
4	BRM044	7.283328	1 Cum.	1599.53	11649.90163584
5	BRM060	3.9213936	1 Cum.	2033.2	7972.97746752
6	BRM052	5.8820904	1 Cum.	1996.82	11745.475752528
7	BRM084	64.891700616	1Mtr	250.166	16233.697176302
8	BRM104	0.533124507972	1Cum.	58573.086	31226.747654152
9	BRM057	1.6731468	1 Cum.	1699.72	2843.881078896
10	BRM064	1.6731468	1 Cum.	1464.73	2450.708312364
11	BRM162	8.704	1 Kg.	90.1	784.2304
12	BRM341	11.424	1 Qntl.	5843.477	66755.881248
13	BRM056	4.12344	1 Cum.	2011.15	8292.856356

Total: 223438.95755652

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	11.3802	1 Cum	75.25	856.36005
2	BRM028	13.4030928	1 Cum	75.25	1008.5827332
3	BRM044	7.283328	1 Cum.	309.5	2254.190016
4	BRM060	3.9213936	1 Cum.	309.5	1213.6713192
5	BRM052	5.8820904	1 Cum.	309.5	1820.5069788
6	BRM057	1.6731468	1 Cum.	309.5	517.8389346
7	BRM064	1.6731468	1 Cum.	309.5	517.8389346
8	BRM056	4.12344	1 Cum.	309.5	1276.20468
					Total: 9465.1936464

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1377	Rs. 1377
2	Display Citizen Board @ Rs. 5000	Rs. 5000
		Total Addition Component Amount (in Rs.): 6377

Total Net Amount (in Rs.): 399999.50624008