

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Puri	<b>Block</b>	Astaranga	<b>Gram Panchayat</b>	Naiguan

<b>Work Code</b>	OD/369/3536/120884/409115/00074441 (CONSTRUCTION OF COMMUNITY CENTRE ,NAIGUAN)
<b>Project Category</b>	Building

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Astaranga	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	05-02-2026	<b>Date of Completion</b>	-
<b>Scheme Name</b>	Bikashita Gaon Bikashita Odisha	<b>Scheme Component Name</b>	Viksit Gaon Vikshit Odisha (VGVO)
<b>Project Sub-Category</b>	Community Centre	<b>Project Type</b>	Completion
<b>Name of Executant</b>	PRIYAMBADA PRADHAN		

### Administrative Approval Details

<b>Approval No.</b>	OD/369/3536/120884/409115/00074441/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/369/3536/120884/409115/00074441/TS
<b>Fund Sanction No.</b>	6142
<b>Fund Sanction Amount (in Rs.)</b>	666167

### MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Masonry Brick Work (AR0603bi) :.First floor</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/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.	-	<b>22.6662</b>	Cum

i)	<b>BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK</b>	1	22.6662	1 Cum
ii)	<b>BRM340 : Cement</b>	0.672	15.2316864	1 Qntl.
iii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.28	6.346536	1 Cum
iv)	<b>BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance <math>\pm</math> 2 %</b>	350	7933.17	1000 Nos
2	<b>R.C.C. Work (AR0404Ac) :.First Floor - Reinforced cement concrete work of M-20 grade with 20mm &amp; 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&amp;P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder &amp; Bressmer etc)</b>	-	<b>3.708375</b>	Cum
i)	<b>BRM340 : Cement</b>	3.4733	12.8802988875	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.45	1.66876875	1 Cum
iii)	<b>BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve &amp; retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)</b>	0.36	1.335015	1 Cum.

iv)	<b>BRM052</b> : 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	2.0025225	1 Cum.
v)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	5.30352	19.66744098	1Mtr
vi)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0498348	0.18480612645	1Cum.
3	<b>R.C.C. Work (AR0404Ad) :First Floor</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)	-	<b>1.654</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	5.7448382	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	0.7443	1 Cum
iii)	<b>BRM060</b> : 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	0.59544	1 Cum.
iv)	<b>BRM052</b> : 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	0.89316	1 Cum.

v)	<b>BRM094</b> : Non-sal bullahs 125mm. mean dia of any length.	4.5234	7.4817036	1Mtr.
vi)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0889602	0.1471401708	1Cum.
4	<b>R.C.C. Work (AR0404Ag) :.First Floor</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)	-	<b>9.308125</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	32.3299105625	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	4.18865625	1 Cum
iii)	<b>BRM060</b> : 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	3.350925	1 Cum.
iv)	<b>BRM052</b> : 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	5.0263875	1 Cum.
v)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	7.46592	69.4937166	1Mtr

vi)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.06026064	0.5609135697	1Cum.
5	<b>R.C.C. Work (AR0409) :.First floor -</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.	-	<b>13.98</b>	Qntl
i)	<b>BRM162</b> : Binding Wire.	0.8	11.184	1 Kg.
ii)	<b>BRM341</b> : Steel	1.05	14.679	1 Qntl.
6	<b>Plastering (AR1014) :.First Floor -</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.	-	<b>206.5619</b>	Sqm
i)	<b>BRM340</b> : Cement	0.043	8.8821617	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	3.7181142	1 Cum
7	<b>Plastering (AR1027) :.First Floor -</b> 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.	-	<b>67.6834</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0372	2.51782248	1 Qntl.

ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0075	0.5076255	1 Cum
8	<b>Other Building Items. (AR1901B) :.First floor</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)	-	<b>62.5944</b>	Sqm
i)	<b>BRM174</b> : White Cement.	0.0076	0.47571744	1Qntl
ii)	<b>BRM340</b> : Cement	0.1074	6.72263856	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.021	1.3144824	1 Cum
iv)	<b>BRM131</b> : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B Ia) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	62.5944	1 Sqm.
9	<b>Painting(AR0917g) :.First Floor -</b> Finishing wall with one coat 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)	-	<b>82.96</b>	Sqm
i)	<b>BRM143</b> : Cement paint	0.166	13.77136	1 Kg.
ii)	<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.07812	6.4808352	1 Ltr

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRMMR0025	22.6662	1 Cum	33	747.9846
2	BRM340	84.30935679	1 Qntl.	572.817	48293.832828377
3	BRM028	18.4884831	1 Cum	897.85	16599.884551335
4	BRM005	7933.17	1000 Nos	6.36005	50455.3578585
5	BRM060	5.28138	1 Cum.	2685.38	14182.5122244
6	BRM052	7.92207	1 Cum.	2649	20985.56343
7	BRM084	89.16115758	1Mtr	250.166	22305.090147158
8	BRM104	0.89285986695	1Cum.	58573.086	52297.557772811
9	BRM094	7.4817036	1Mtr.	240.106	1796.4019245816
10	BRM162	11.184	1 Kg.	90.1	1007.6784
11	BRM341	14.679	1 Qntl.	5831.587	85601.865573
12	BRM174	0.47571744	1Qntl	2041.967	971.39931380448
13	BRM131	62.5944	1 Sqm.	660.6811111	41354.937740638
14	BRM143	13.77136	1 Kg.	47.83	658.6841488
15	BRM252	6.4808352	1 Ltr	125.74787	814.95122222102
<b>Total: 358073.70173563</b>					