

ESTIMATION DPR							
State	Odisha	District	Puri	Block	Astaranga	Gram Panchayat	Naiguan

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

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

Administrative Approval Details

Approval No.	OD/369/3536/120884/409115/00074441/AS
--------------	---------------------------------------

Technical Sanction Details

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

ROYALTY STATEMENT

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

i)	BRM340 : Cement	0.672	15.2316864	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	6.346536	1 Cum
iii)	BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance \pm 2 %	350	7933.17	1000 Nos
2	R.C.C. Work (AR0404Ac) : First Floor - 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)	-	3.708375	Cum
i)	BRM340 : Cement	3.4733	12.8802988875	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.66876875	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	1.335015	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	2.0025225	1 Cum.

v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.0544068	0.20176081695	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0498348	0.18480612645	1Cum.
3	R.C.C. Work (AR0404Ad) : First Floor - 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)	-	1.654	Cum
i)	BRM340 : Cement	3.4733	5.7448382	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.7443	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	0.59544	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	0.89316	1 Cum.
v)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	0.0594504	0.0983309616	1Mtr.
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0889602	0.1471401708	1Cum.

4	R.C.C. Work (AR0404Ag) :.First Floor - 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)	-	9.308125	Cum
i)	BRM340 : Cement	3.4733	32.3299105625	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	4.18865625	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	3.350925	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	5.0263875	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.0919908	0.85626186525	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.06026064	0.5609135697	1Cum.

5	R.C.C. Work (AR0409) :.First floor - 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.	-	13.98	Qntl
i)	BRM341 : Steel	1.05	14.679	1 Qntl.
6	Plastering (AR1014) :.First Floor - 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.	-	206.5619	Sqm
i)	BRM340 : Cement	0.043	8.8821617	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	3.7181142	1 Cum
7	Plastering (AR1027) :.First Floor - 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.	-	67.6834	Sqm
i)	BRM340 : Cement	0.0372	2.51782248	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0075	0.5076255	1 Cum

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

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	18.4884831	1 Cum	75.25	1391.258353275
2	BRM060	5.28138	1 Cum.	309.5	1634.58711

3	BRM052	7.92207	1 Cum.	309.5	2451.880665
					Total: 5477.726128275