

## Detailed Estimate

**OD/355/3388/118114/397425/00070982 : Repair of Lachhamakana Budhi Jagulai SHG Community Centre**  
**Block : Erasama, Gram Panchayat : Pokhiriapada**  
**Created By: Bibhuti Bhusan Sathpathy**

<b>1. Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring</b>								
Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Hall	1.000	6.150	3.150	0.000	0.000	19.373	-
ii	Varendha	1.000	6.650	1.650	0.000	0.000	10.973	-
iii	Step	3.000	1.350	0.300	0.000	0.000	1.215	-
Total Quantity					31.56 Sqm (Sqm)		31.56 Sqm (Square Meter)	
Amount					31.56 X 100.34838709677		3167.00	
<b>2. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Hall	1.000	6.150	3.150	0.075	0.000	1.453	-
ii	Varendha Opening	1.000	6.650	1.650	0.075	0.000	0.823	-
Total Quantity					2.275875 cum (cum)		2.275875 Cum (Cubic Meter)	
Amount					2.275875 X 6887.29183628		15674.62	
<b>3. 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)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Hall	1.000	6.150	3.150	0.000	0.000	19.373	-
ii	Dado	1.000	18.050	0.000	0.150	0.000	2.708	-
iii	Varendha	1.000	6.650	1.650	0.000	0.000	10.973	-
iv	Dado	1.000	5.600	0.000	0.150	0.000	0.840	-
v	Step treade	3.000	1.350	0.300	0.000	0.000	1.215	-
vi	Step riser	2.000	1.350	0.000	0.150	0.000	0.405	-
Total Quantity					35.5125 Sqm (Sqm)		35.5125 Sqm (Square Meter)	
Amount					35.5125 X 1023.3320131098		36341.08	

**4. Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)**

Priming one coat with inner surface primer of approved quality water-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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Hall	2.000	6.150	0.000	2.850	0.000	35.055	-
ii	Hall	2.000	3.150	0.000	2.850	0.000	17.955	-
iii	Clling	1.000	6.150	3.150	0.000	0.000	19.373	-
iv	Varendha cilling	1.000	6.650	1.400	0.000	0.000	9.310	-
v	D, Door	1.000	1.050	0.000	1.950	0.000	-	2.048
vi	Window	2.000	1.050	0.000	1.200	0.000	-	2.520
vii	Varendha inner wall	1.000	6.150	0.000	0.650	0.000	3.998	-

Total Quantity	81.1225 Sqm (Sqm)	81.1225 Sqm (Square Meter)
Amount	<b>81.1225 X 71.84257680551</b>	<b>5828.05</b>

**5. Painting (AR0921) : Finishing wall One Coat with distemper of approved shades on old work (Inside)**

Finishing wall One Coat with distemper of approved shades on old 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)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Hall	2.000	6.150	0.000	2.850	0.000	35.055	-
ii	Hall	2.000	3.150	0.000	2.850	0.000	17.955	-
iii	Cilling	1.000	6.150	3.150	0.000	0.000	19.373	-
iv	V Cilling	1.000	6.650	1.400	0.000	0.000	9.310	-
v	door	1.000	1.050	0.000	1.950	0.000	-	2.048
vi	Window	2.000	1.050	0.000	1.200	0.000	-	2.520
vii	Varendha inner wall	1.000	6.150	0.000	0.650	0.000	3.998	-
Total Quantity					81.1225 Sqm (Sqm)		81.1225 Sqm (Square Meter)	
Amount					<b>81.1225 X 50.8772186582</b>		<b>4127.29</b>	

**6. Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer**

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)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall	2.000	6.650	0.000	3.500	0.000	46.550	-
ii	Wall	2.000	5.300	0.000	3.500	0.000	37.100	-
iii	fRONT IONNER WALL	1.000	6.650	0.000	2.850	0.000	18.953	-

iv	Pillar	3.000	0.850	0.000	1.950	0.000	4.973	-	
v	Varendha opening	1.000	6.650	0.000	1.950	0.000	-	12.968	
vi	Varendha	2.000	1.400	0.000	1.950	0.000	-	5.460	
vii	Door	1.000	1.050	0.000	1.950	0.000	-	2.048	
viii	Window	2.000	1.050	0.000	1.200	0.000	-	2.520	
Total Quantity					84.58 Sqm (Sqm)		84.58 Sqm (Square Meter)		
Amount					84.58 X 160.74115594024		13595.49		

#### 7. Other Building Items. (AR1907) : aluminum sliding window (sliding type)

Supplying, fitting, fixing up window (sliding type) made up aluminum Section 9778, as windows frame, section No. 4095, 4096 and 9777, 3994 as shutter frame with 5mm thick black glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes labour, T&P etc. complete as per direction of Engineer-incharge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Window	2.000	1.050	0.000	1.200	0.000	2.520	-	
Total Quantity					2.52 Sqm (Sqm)		2.52 Sqm (Square Meter)		
Amount					2.52 X 4149.1659611678		10455.90		

#### 8. Other Building Items. (AR1918) : UPVC Door with 12mm thick WPC Board

Supplying, fitting and fixing of Un-plasticised Poly Vinyl Chloride (UPVC) (FENESTA/NCL VEKA LTD) casement Door - 60 Series duly manufactured using UPVC reinforced profiles of 60mm x 55 mm x 2.5 mm for outer frames, 102 mm x 60 mm x 2.25mm for casement door Sash Profile and 74 mm x 60 mm x 2.5 mm mullion profile capable of mounting single glazing system structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 2.0 mm prefabricated & welded through fusion welding the door sash shall be fitted with 12mm thick WPC Board of green ply make duly fixed with EPDM weathering seal resistant accessories like clipping locking system made of aluminium 1 no per set of sashes and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc, including cost and conveyance of all materials accessories, labour charges, materials and product conforming to ASTM D 638-14, EN-477-95 and other applicable codes and standards and as per direction of Engineer in Charge. (Rate given by Office of the Engineer-IN-Chief (Civil) Odisha Nirman Soudha Unit-V, Bhubaneswar vide letter no 16100 dated 08/05/2018)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Door	1.000	1.050	0.000	1.950	0.000	2.048	-

Total Quantity	2.0475 Sqm (Sqm)	2.0475 Sqm (Square Meter)
Amount	2.0475 X 9052.63	18535.26
<b>Total Amount</b>		<b>107724.67</b>
<b>Addition</b>		
Provision for PH Work (+) @		
Provision for EI Work (+) @		4029.70
Provision for Contingency (+) @		1078.00
Display Citizen Board (+) @		1500.00
Any Other Lumpsum (+) @		
Provision for survey investigation and quality control (+) @		
<b>Total Addition</b>		<b>6607.70</b>
<b>Grand Net Total Amount</b>		<b>114332.37</b>

**Bibhuti Bhusan Sathpathy**  
**JE**  
**Erasama Block**

**Dipti Rekha Mallick**  
**AEE**  
**Erasama Block**

**Sri Dasarathi Jena**  
**BDO**  
**Erasama Block**