

## Detailed Estimate

**OD/356/3394/118238/401700/00109978 : Completion of Brudhalinga Community centre**  
**Block : Badchana, Gram Panchayat : Badachana**  
**Created By:Bandita Dash**

<b>1. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Flooring	1.000	4.670	3.280	0.100	0.000	1.532	-
<b>Total Quantity</b>						<b>1.53176 cum (cum)</b>	<b>1.53176 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>1.53176 X 5802.37487216</b>	<b>8887.85</b>	
<b>2. Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure</b>								
Brickwork with Flyash Bricks of size (23cm x 11cm 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	selves	2.000	1.200	0.300	0.175	0.000	0.126	-
ii		4.000	0.300	0.125	2.100	0.000	0.315	-
iii		2.000	1.200	0.125	2.100	0.000	0.630	-
<b>Total Quantity</b>						<b>1.071 cum (cum)</b>	<b>1.071 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>1.071 X 4980.178890688</b>	<b>5333.77</b>	
<b>3. Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside</b>								
12mm thick cement plster (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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	out	2.000	3.770	0.000	3.250	0.000	24.505	-

ii		2.000	5.170	0.000	3.250	0.000	33.605	-
iii	door	0.500	1.200	0.000	2.100	0.000	-	1.260
iv	window	2.000	0.500	1.100	1.200	0.000	-	1.320
Total Quantity					55.53 Sqm (Sqm)		55.53 Sqm (Square Meter)	
Amount					55.53 X 172.2377970432		9564.36	

#### 4. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	inside	2.000	4.670	0.000	3.050	0.000	28.487	-
ii		2.000	3.270	0.000	3.050	0.000	19.947	-
iii	selves	8.000	0.300	0.000	2.100	0.000	5.040	-
iv	selves back	2.000	1.200	0.000	2.100	0.000	5.040	-
v	Door	1.000	0.500	1.200	2.100	0.000	-	1.260
vi	window	2.000	0.500	1.100	1.200	0.000	-	1.320
Total Quantity					55.934 Sqm (Sqm)		55.934 Sqm (Square Meter)	
Amount					55.934 X 246.967085872		13813.86	

#### 5. Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory

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)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Flooring	1.000	4.670	3.270	0.000	0.000	15.271	-
Total Quantity					15.2709 Sqm (Sqm)		15.2709 Sqm (Square Meter)	
Amount					15.2709 X 1012.5778212426		15462.97	

**6. Flooring (AR0817b) : Fixing 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)**

Fixing 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall tile	2.000	3.270	0.000	1.200	0.000	7.848	-
ii		2.000	4.670	0.000	1.200	0.000	11.208	-
iii	deduct door	1.000	1.200	0.000	1.200	0.000	-	1.440
iv	selves	2.000	1.200	0.000	1.200	0.000	-	2.880
Total Quantity					14.736 Sqm (Sqm)		14.736 Sqm (Square Meter)	
Amount					14.736 X 882.302728681		13001.61	

**7. Iron Work (AR1704) : Iron Doors and windows fixing**

Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Door	1.000	1.200	2.100	35.000	0.000	88.200	-
ii	window	2.000	1.150	1.200	40.000	0.000	110.400	-
Total Quantity					198.6 Kg (Kilo Gram)		1.986 Qntl (Quintal)	
Amount					1.986 X 15995.926529087		31767.91	

**Total Amount (A) : 97832.34**

**Additional Components**

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.500	-	500
2	Display Citizen Board @ Rs.1650	-	1650

**Additional Components Amount (F) : 2150**

**Grand Total Amount (A + F) : 99982.336924104**

**Bandita Dash  
JE  
Badchana Block**

**AEE  
Badchana Block**

**Rabindra Kumar Pradhan  
BDO  
Badchana Block**