

## Detailed Estimate

**OD/352/3355/117388/402944/00066149 : Completion of Patala PHP (Physical Handicapped Person) Rest Shed**  
**Block : Odapada, Gram Panchayat : Balaram Prasad**  
**Created By: Bibhuprasan Panda**

<b>1. Iron Work (AR1704) : Iron Doors and windows fixing</b>								
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	Entrance Door	1.000	1.200	0.000	2.100	30.000	75.600	-
ii	Room Door	1.000	1.050	0.000	2.100	30.000	66.150	-
iii	Kitchen Door	1.000	0.800	0.000	2.100	30.000	50.400	-
iv	Window Pannel Area W	1.000	0.900	0.000	1.200	30.000	32.400	-
v	Window Pannel Area W1	2.000	0.750	0.000	1.200	30.000	54.000	-
vi	Windows grill Area W1	1.000	0.900	0.000	1.200	16.000	17.280	-
vii	Windows grill Area W2	2.000	0.750	0.000	1.200	16.000	28.800	-
<b>Total Quantity</b>					<b>324.63 Kg (Kilo Gram)</b>		<b>3.2463 Qntl (Quintal)</b>	
<b>Amount</b>					<b>3.2463 X 15723.101895087</b>		<b>51041.91</b>	
<b>2. Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside.</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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Living Room Inside 2*(4.20+3.050)	1.000	14.500	0.000	3.100	0.000	44.950	-

ii	Kitchen Room 2*(2.40+1.80)	1.000	8.400	0.000	3.100	0.000	26.040	-
iii	Toilet Inside Wall Area 2*(2.150+1.800)	1.000	7.900	0.000	3.100	0.000	24.490	-
iv	Verandah Area 2*(3.150+2.150)	1.000	10.600	0.000	3.100	0.000	32.860	-
v	Verandah Area 2*(3.150+2.150)	1.000	7.200	0.000	3.100	0.000	22.320	-
vi	Entrance Door Wall Facia (2.10+1.20+2.10)	1.000	0.000	0.250	5.400	0.000	1.350	-
vii	Room Door Wall Facia D (2.10+1.05+2.10)	1.000	0.000	0.250	5.250	0.000	1.313	-
viii	Kitchen Door Wall Facia D1 (2.10+0.80+2.10)	1.000	0.000	0.250	5.000	0.000	1.250	-
ix	Toilet Door Wall Facia D2 (2.10+0.75+2.10)	1.000	0.000	0.250	4.950	0.000	1.238	-
x	Window Wall Facia W 2*(0.90+1.200)	1.000	0.000	0.250	4.200	0.000	1.050	-
xi	Window Wall Facia W1 2*(0.75+1.200)	2.000	0.000	0.250	3.900	0.000	1.950	-
xii	Entrance Door One Side	1.000	1.200	0.000	2.100	0.000	-	2.520
xiii	Room Door D Both Side 1*2	2.000	1.050	0.000	2.100	0.000	-	4.410
xiv	Kitchen Door D1 both Side 1*2	2.000	0.800	0.000	2.100	0.000	-	3.360
xv	Toilet Door D2 Both Side 1*2	2.000	0.750	0.000	2.100	0.000	-	3.150
xvi	Window W One Side	1.000	0.900	0.000	1.200	0.000	-	1.080
xvii	Window W1 one Side	2.000	0.750	0.000	1.200	0.000	-	1.800

xviii	Kithcen front Wall 1*2	2.000	1.800	0.000	3.100	0.000	-	11.160
Total Quantity					131.33 Sqm (Sqm)		131.33 Sqm (Square Meter)	
Amount					131.33 X 253.252584128		33259.66	

### 3. Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside

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	Outer Wall 2*(7.100+5.600)	1.000	25.400	0.000	3.400	0.000	86.360	-
ii	Window W One Side	1.000	0.900	0.000	1.200	0.000	1.080	-
iii	Window W1 one Side	2.000	0.750	0.000	1.200	0.000	1.800	-
iv	Entrance Door One Side	1.000	1.200	0.000	2.100	0.000	2.520	-
Total Quantity					91.76 Sqm (Sqm)		91.76 Sqm (Square Meter)	
Amount					91.76 X 177.4767391168		16285.27	

### 4. 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)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Room Floor Area	1.000	4.200	3.050	0.000	0.000	12.810	-
ii	Kitchen Floor Area	1.000	2.400	1.800	0.000	0.000	4.320	-
iii	Kitchen Slab	1.000	2.400	0.600	0.000	0.000	1.440	-

iv	Verandah Floor Area	1.000	3.150	2.150	0.000	0.000	6.773	-
v	Toilet Floor Area	1.000	2.150	1.800	0.000	0.000	3.870	-
vi	Kitchen Front	1.000	1.800	1.800	0.000	0.000	3.240	-
vii	Door Seal	3.000	0.900	0.250	0.000	0.000	0.675	-
Total Quantity					33.1275 Sqm (Sqm)		33.1275 Sqm (Square Meter)	
Amount					33.1275 X 1013.2297086534		33565.77	

**5. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Room Skirting Area 2*(4.20+3.05)	1.000	14.500	0.000	0.150	0.000	2.175	-
ii	Kitchen room Skirting 2*(2.40+1.80)	1.000	8.400	0.000	0.150	0.000	1.260	-
iii	Verandah Area Skirting	1.000	13.850	0.000	0.150	0.000	2.078	-
iv	Toilet Wall Area 2*(2.150+1.800)	1.000	7.900	0.000	1.550	0.000	12.245	-
v	Kitchen Wall	1.000	3.600	0.000	0.600	0.000	2.160	-
vi	Toilet Door Inner Side	1.000	0.750	0.000	1.550	0.000	-	1.163
Total Quantity					18.755 Sqm (Sqm)		18.755 Sqm (Square Meter)	
Amount					18.755 X 879.450461411		16494.09	

**6. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Inside Room Ceiling Area	1.000	4.200	3.050	0.000	0.000	12.810	-
ii	Room Wall Area 2*(4.20+3.050)	1.000	14.500	0.000	2.950	0.000	42.775	-
iii	Kitchen Ceiling Area	1.000	2.400	1.800	0.000	0.000	4.320	-
iv	Kithcen Wall Area 2*(2.40+1.80)	1.000	8.400	0.000	2.950	0.000	24.780	-
v	Toilet Ceiling Area	1.000	2.150	1.800	0.000	0.000	3.870	-
vi	Toilet Wall Area 2*(2.150+1.800)	1.000	7.900	0.000	1.550	0.000	12.245	-
vii	Verandah Ceiling Area	1.000	3.150	2.150	0.000	0.000	6.773	-
viii	Kitchen Front Ceiling Area	1.000	1.800	1.800	0.000	0.000	3.240	-
ix	Kitchen and Verandah inside Wall Area	1.000	13.850	0.000	2.950	0.000	40.858	-
x	Outer Wall 2*(7.100+5.600) including Slab edge and projection.	1.000	25.400	0.000	3.700	0.000	93.980	-
xi	Front Chajja top and bottom 1*2	2.000	1.500	0.450	0.000	0.000	1.350	-
xii	Window Chajja top & bottom 3*2	6.000	1.100	0.450	0.000	0.000	2.970	-
xiii	Entrance Door both Side 1*2	2.000	1.200	0.000	2.100	0.000	-	5.040
xiv	Kitchen Door 1*2	2.000	0.800	0.000	2.100	0.000	-	3.360

xv	Room Door 1*2	2.000	1.050	0.000	2.100	0.000	-	4.410
xvi	Toilet Door 1*2	2.000	0.750	0.000	2.100	0.000	-	3.150
xvii	Window W1 both Side 1*2	2.000	0.900	0.000	1.200	0.000	-	2.160
xviii	Window W2 both Side 2*2	4.000	0.750	0.000	1.200	0.000	-	3.600
Total Quantity					228.25 Sqm (Sqm)		228.25 Sqm (Square Meter)	
Amount					228.25 X 71.83248932951		16395.77	
<b>7. Painting (AR0918fk) : Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)(For repair and maintenance) .</b>								
Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work to give an even shade including all costs of labour, Paint and Brushes required for the work, etc. complete and as per direction of Engineer-in-charge(Outside)(For repair and maintenance).								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Outer Wall 2*(7.100+5.600) including Slab edge and projection.	1.000	25.400	0.000	3.700	0.000	93.980	-
ii	Front Chajja top and bottom 1*2	2.000	1.500	0.450	0.000	0.000	1.350	-
iii	Window Chajja top & bottom 3*2	6.000	1.100	0.450	0.000	0.000	2.970	-
iv	Entrance Door One Side 1*1	1.000	1.200	0.000	2.100	0.000	-	2.520
v	Window W1 One Side 1*1	1.000	0.900	0.000	1.200	0.000	-	1.080
vi	Window W2 One Side 2*1	2.000	0.750	0.000	1.200	0.000	-	1.800
Total Quantity					92.9 Sqm (Sqm)		92.9 Sqm (Square Meter)	
Amount					92.9 X 89.1305342875		8280.23	

**8. Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside)**

Finishing wall two coats with distemper of approved shades on new 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)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Qty Same as Above as Per Priming Coat area	0.000	0.000	0.000	0.000	228.250	228.250	-
ii	Qty Same as above as per item No - 7 as above.	0.000	0.000	0.000	0.000	92.900	-	92.900
Total Quantity						135.35 Sqm (Sqm)	135.35 Sqm (Square Meter)	
Amount						135.35 X 78.835517175	10670.39	

**9. Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface**

Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty 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	Entrance Door Both Side 1*2	2.000	1.200	0.000	2.100	0.000	5.040	-
ii	Room Door Both Side 1*2	2.000	1.050	0.000	2.100	0.000	4.410	-
iii	Kitchen roomDoor both Side 1*2	2.000	0.800	0.000	2.100	0.000	3.360	-
iv	Window Pannel Area W 1*2	2.000	0.900	0.000	1.200	0.000	2.160	-
v	Window Pannel Area W1 2*2	4.000	0.750	0.000	1.200	0.000	3.600	-
vi	Windows grill jally W 1*1/2 of Opening area	0.500	0.900	0.000	1.200	0.000	0.540	-
vii	Windows grill jally W1 2*1/2 of Opening area	1.000	0.750	0.000	1.200	0.000	0.900	-

Total Quantity	20.01 Sqm (Sqm)	20.01 Sqm (Square Meter)
Amount	20.01 X 230.34345832053	4609.17
<b>Total Amount</b>		<b>190602.25</b>
<b>Addition</b>		
Provision for PH Work (+) @		2897.00
Provision for EI Work (+) @		5000.00
Provision for Contingency (+) @		1000.00
Display Citizen Board (+) @		500.00
Any Other Lumpsum (+) @		
Provision for survey investigation and quality control (+) @		
<b>Total Addition</b>		<b>9397.00</b>
<b>Grand Net Total Amount</b>		<b>199999.25</b>

**Bihuprasan Panda**  
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