

## Detailed Estimate

**OD/367/3523/120606/406116/00071192 : Const. of Tikiripada Bramahani Devi Nutana Mandap**

**Block : Bhapur, Gram Panchayat : Sasana**

**Created By:Aishwarya Rajalaxmi Nath**

<b>1. Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure</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/cm <sup>2</sup> with dimensional tolerance $\pm 8$ 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	L/W	2.000	10.200	0.250	3.300	0.000	16.830	-
ii	S/W	2.000	5.900	0.250	3.300	0.000	9.735	-
iii	D	1.000	1.775	0.250	1.800	0.000	-	0.799
iv	W	8.000	1.175	0.250	1.325	0.000	-	3.114
Total Quantity					22.6525 cum (cum)		22.6525 Cum (Cubic Meter)	
Amount					22.6525 X 5074.267725712		114944.85	
<b>2. Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside.</b>								
12mm thick cement plaster (1:6) over Brick work in outside 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	L/W	2.000	10.200	0.000	3.650	0.000	74.460	-
ii	S/W	2.000	5.900	0.000	3.650	0.000	43.070	-
iii	D	0.500	1.000	1.775	1.800	0.000	-	1.598
iv	W	0.500	8.000	1.175	1.325	0.000	-	6.228
Total Quantity					109.705 Sqm (Sqm)		109.705 Sqm (Square Meter)	

<b>Amount</b>					<b>109.705 X 171.3312931168</b>	<b>18795.90</b>		
<b>3. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	L/W	2.000	9.700	0.000	3.300	0.000	64.020	-
ii	S/W	2.000	5.400	0.000	3.300	0.000	35.640	-
iii	D	0.500	1.000	1.775	1.800	0.000	-	1.598
iv	W	0.500	8.000	1.175	1.325	0.000	-	6.228
<b>Total Quantity</b>					<b>91.835 Sqm (Sqm)</b>		<b>91.835 Sqm (Square Meter)</b>	
<b>Amount</b>					<b>91.835 X 245.878048928</b>		<b>22580.21</b>	
<b>4. Plastering (AR1026) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces (inside)</b>								
6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	CELLING	1.000	5.400	9.700	0.000	0.000	52.380	-
<b>Total Quantity</b>					<b>52.38 Sqm (Sqm)</b>		<b>52.38 Sqm (Square Meter)</b>	
<b>Amount</b>					<b>52.38 X 159.3617997616</b>		<b>8347.37</b>	
<b>5. 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	9.700	5.400	0.075	0.000	3.929	-

ii	Floor	1.000	3.425	3.825	0.075	0.000	-	0.983
Total Quantity					2.945953125 cum (cum)		2.945953125 Cum (Cubic Meter)	
Amount					2.945953125 X 5324.19033984		15684.82	
<b>6. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum</b>								
Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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. complete as per specificaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	FLOORING	1.000	9.700	5.400	0.050	0.000	2.619	-
ii	Floor	1.000	3.425	3.825	0.050	0.000	-	0.655
Total Quantity					1.96396875 cum (cum)		1.96396875 Cum (Cubic Meter)	
Amount					1.96396875 X 6826.66878808		13407.36	
<b>7. 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	Floor Tile	1.000	9.700	5.400	0.000	0.000	52.380	-
ii	Floor	1.000	3.425	3.825	0.000	0.000	-	13.101
Total Quantity					39.279375 Sqm (Sqm)		39.279375 Sqm (Square Meter)	
Amount					39.279375 X 996.3659083334		39136.63	
<b>8. Flooring (AR0817aa) : Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3)</b>								

Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm conforming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Dado	2.000	15.100	0.000	0.150	0.000	4.530	-
ii	D	1.000	1.775	0.000	0.150	0.000	-	0.266
Total Quantity					4.26375 Sqm (Sqm)		4.26375 Sqm (Square Meter)	
Amount					4.26375 X 1515.190315411		6460.39	

**9. 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	L/W	2.000	9.700	0.000	3.300	0.000	64.020	-
ii	S/W	2.000	5.400	0.000	3.300	0.000	35.640	-
iii	D	1.000	1.775	0.000	1.800	0.000	-	3.195
iv	W	8.000	1.175	0.000	1.325	0.000	-	12.455
v	Celling	1.000	9.700	5.400	0.000	0.000	52.380	-
Total Quantity					136.39 Sqm (Sqm)		136.39 Sqm (Square Meter)	
Amount					136.39 X 71.83248932951		9797.23	

**10. Painting (AR0901di) : Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface )**

Priming one coat with outer 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	L/W	2.000	10.200	0.000	3.650	0.000	74.460	-

ii	S/W	2.000	5.900	0.000	3.650	0.000	43.070	-	
iii	D	1.000	1.775	0.000	1.800	0.000	-	3.195	
iv	W	8.000	1.175	1.325	0.000	0.000	-	12.455	
Total Quantity					101.88 Sqm (Sqm)		101.88 Sqm (Square Meter)		
Amount					101.88 X 72.849606979355		7421.92		

**11. Painting (AR0918f) : Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)**

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, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)

SI No	Description	No	L	B	D	CF	Quantity	Deduction	
i	L/W	2.000	10.200	0.000	3.650	0.000	74.460	-	
ii	S/W	2.000	5.900	0.000	3.650	0.000	43.070	-	
iii	D	1.000	1.775	0.000	1.800	0.000	-	3.195	
iv	W	8.000	1.175	1.325	0.000	0.000	-	12.455	
Total Quantity					101.88 Sqm (Sqm)		101.88 Sqm (Square Meter)		
Amount					101.88 X 87.8656910875		8951.76		

**12. Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside)**

Finishing wall two coats with plastic emulsion paint 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	L/W	2.000	9.700	0.000	3.300	0.000	64.020	-
ii	S/W	2.000	5.400	0.000	3.300	0.000	35.640	-
iii	D	1.000	1.775	0.000	1.800	0.000	-	3.195

iv	W	8.000	1.175	1.325	0.000	0.000	-	12.455
v	CELLING	1.000	9.700	5.400	0.000	0.000	52.380	-
Total Quantity					136.39 Sqm (Sqm)		136.39 Sqm (Square Meter)	
Amount					136.39 X 94.7400035875		12921.59	
<b>13. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	D	1.000	1.775	30.000	1.800	0.000	95.850	-
Total Quantity					95.85 Kg (Kilo Gram)		0.9585 Qntl (Quintal)	
Amount					0.9585 X 15973.749353087		15310.84	
Total Amount							293760.87	
<b>Addition</b>								
Provision for survey investigation and quality control (+) @								
Display Citizen Board (+) @							3230.00	
Provision for Contingency (+) @							3000.00	
Provision for EI Work (+) @								
Provision for PH Work (+) @								
Any Other Lumpsum (+) @								
Total Addition							6230.00	
Grand Net Total Amount							299990.87	

Aishwarya Rajalaxmi Nath  
JE  
Bhapur Block

Ritimukta Swain  
AEE  
Bhapur Block

SARADA PRASANNA PANDA  
BDO  
Bhapur Block