

## Detailed Estimate

**OD/369/3538/120918/408661/00073099 : Const. of Jangyan mandap at Maa Biseswari temple, Kialunda**  
**Block : Delanga, Gram Panchayat : Jenapur**  
**Created By: LOPAMUDRA PATI**

<b>1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b>								
Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	coulmn	6.000	1.350	1.350	1.350	0.000	14.762	-
ii	L . WALL	2.000	4.500	0.600	0.600	0.000	3.240	-
iii	sWALL	2.000	5.800	0.600	0.600	0.000	4.176	-
iv	Deduct coulmn	-6.000	1.350	0.600	0.600	0.000	-2.916	-
<b>Total Quantity</b>					19.26225 cum (cum)		19.26225 Cum (Cubic Meter)	
<b>Amount</b>					<b>19.26225 X 240.77592</b>		<b>4637.89</b>	
<b>2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b>								
Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours 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	coulmn	6.000	1.350	1.350	0.150	0.000	1.640	-
ii	Lwall	2.000	4.500	0.600	0.100	0.000	0.540	-
iii	Swall	2.000	5.800	0.600	0.100	0.000	0.696	-
iv	Deduct coulmn footing	-6.000	1.350	0.600	0.100	0.000	-0.486	-
v	Filling	1.000	3.600	6.100	0.200	0.000	4.392	-

Total Quantity	6.78225 cum (cum)	6.78225 Cum (Cubic Meter)
Amount	6.78225 X 605.053832	4103.63

### 3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal

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	coulmn	6.000	1.350	1.350	0.150	0.000	1.640	-
ii	Lwall	2.000	4.500	0.600	0.100	0.000	0.540	-
iii	Swall	2.000	5.800	0.600	0.100	0.000	0.696	-
iv	Deduct coulmn	-6.000	1.350	0.600	0.100	0.000	-0.486	-
v	Flooring	1.000	3.600	6.100	0.100	0.000	2.196	-

Total Quantity	4.58625 cum (cum)	4.58625 Cum (Cubic Meter)
Amount	4.58625 X 5991.97649394	27480.70

### 4. Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth

Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	1st footing	2.000	4.400	0.500	0.180	0.000	0.792	-
ii		2.000	5.900	0.500	0.180	0.000	1.062	-
iii	2nd footing	2.000	4.280	0.380	0.180	0.000	0.586	-
iv		2.000	6.020	0.380	0.180	0.000	0.824	-
v	3rd footing	2.000	4.200	0.250	0.180	0.000	0.378	-

vi		2.000	6.100	0.250	0.180	0.000	0.549	-	
vii	Deduct coulmn footing	-6.000	0.380	0.300	0.360	0.000	-0.246	-	
viii		-6.000	0.300	0.300	0.180	0.000	-0.097	-	
Total Quantity					3.8466 cum (cum)		3.8466 Cum (Cubic Meter)		
Amount					3.8466 X 5196.292944192		19988.06		

**5. R.C.C. Work (AR0404Aa) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips**

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 foundation, footing bases of column, mass concrete, pre-cast slabs etc.)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	coumn	6.000	1.350	1.350	0.300	0.000	3.281	-	
ii	pedestall	6.000	0.750	0.750	0.300	0.000	1.013	-	
iii	coulmn up to GL	6.000	0.380	0.300	0.450	0.000	0.308	-	
Total Quantity					4.6008 cum (cum)		4.6008 Cum (Cubic Meter)		
Amount					4.6008 X 6533.6670360603		30060.10		

**6. R.C.C. Work (AR0404Ab) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips**

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 Plinth band)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	L wall	2.000	4.200	0.250	0.200	0.000	0.420	-	
ii	Swall	2.000	6.100	0.250	0.200	0.000	0.610	-	
Total Quantity					1.03 cum (cum)		1.03 Cum (Cubic Meter)		

<b>Amount</b>					<b>1.03 X 7290.489161202</b>	<b>7509.20</b>		
<b>7. R.C.C. Work (AR0404Ad) : Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips</b>								
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)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	l.wall front	1.000	4.800	0.250	0.200	0.000	0.240	-
Total Quantity					0.24 cum (cum)		0.24 Cum (Cubic Meter)	
<b>Amount</b>					<b>0.24 X 13197.951264591</b>	<b>3167.51</b>		
<b>8. R.C.C. Work (AR0404Ac) : Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips</b>								
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)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	coulmn in superstructure	6.000	0.300	0.300	3.100	0.000	1.674	-
ii	beam	2.000	3.600	0.250	0.300	0.000	0.540	-
iii		1.000	3.600	0.250	0.200	0.000	0.180	-
iv		2.000	6.700	0.250	0.200	0.000	0.670	-
v		2.000	0.900	0.250	0.200	0.000	0.090	-
Total Quantity					3.154 cum (cum)		3.154 Cum (Cubic Meter)	
<b>Amount</b>					<b>3.154 X 14589.42042338</b>	<b>46015.03</b>		
<b>9. R.C.C. Work (AR0404Ag) : Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips</b>								

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)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Roof slab	1.000	5.700	7.750	0.125	0.000	5.522	-
Total Quantity					5.521875 cum (cum)		5.521875 Cum (Cubic Meter)	
Amount					5.521875 X 12835.55144045		70876.31	

**10. R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position**

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	1.000	1.000	12.300	0.000	12.300	-
Total Quantity					12.3 Qntl (Quintal)		12.3 Qntl (Quintal)	
Amount					12.3 X 7951.0234545		97797.59	

**11. Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure**

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 ±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	wall	1.000	3.600	0.250	2.750	0.000	2.475	-
ii		2.000	6.100	0.250	1.200	0.000	3.660	-
iii	Deduct door	-1.000	1.200	0.250	2.100	0.000	-0.630	-
iv	coulmn	-2.000	0.300	0.300	1.200	0.000	-0.216	-
Total Quantity					5.289 cum (cum)		5.289 Cum (Cubic Meter)	

<b>Amount</b>				<b>5.289 X 5229.622944192</b>			<b>27659.48</b>	
<b>12. 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	wall	1.000	4.200	0.000	3.150	0.000	13.230	-
ii		2.000	6.700	0.000	1.500	0.000	20.100	-
iii		-0.500	1.200	0.000	2.100	0.000	-1.260	-
Total Quantity					32.07 Sqm (Sqm)		32.07 Sqm (Square Meter)	
<b>Amount</b>				<b>32.07 X 174.0654663388</b>			<b>5582.28</b>	
<b>13. 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		1.000	3.600	0.000	3.150	0.000	11.340	-
ii		2.000	6.100	0.000	1.200	0.000	14.640	-
iii		-0.500	1.200	0.000	2.100	0.000	-1.260	-
Total Quantity					24.72 Sqm (Sqm)		24.72 Sqm (Square Meter)	
<b>Amount</b>				<b>24.72 X 249.161323598</b>			<b>6159.27</b>	
<b>14. Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside)</b>								
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ceiling	1.000	3.600	6.100	0.000	0.000	21.960	-

ii	coulmn	4.000	1.200	0.000	1.750	0.000	8.400	-
iii		2.000	0.600	0.000	1.750	0.000	2.100	-
iv	beam	2.000	3.600	0.000	0.600	0.000	4.320	-
v		2.000	5.900	0.000	0.850	0.000	10.030	-
vi		2.000	0.900	0.000	0.650	0.000	1.170	-
vii	cornice	1.000	4.200	1.025	0.000	0.000	4.305	-
viii		2.000	7.600	0.825	0.000	0.000	12.540	-
Total Quantity					64.825 Sqm (Sqm)		64.825 Sqm (Square Meter)	
Amount					64.825 X 191.7027590392		12427.13	

**15. Other Building Items. (AR1901Ba) : Vitrified Tile 600mmx600mm Coloured /Printed**

Supplying, fitting & fixing Vitrified Tile 600mmx600mm Coloured /Printed series(Homogeneous) 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 work all materials, taxes, labor, T&P , etc. complete as per direction of Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	3.600	6.100	0.000	0.000	21.960	-
Total Quantity					21.96 Sqm (Sqm)		21.96 Sqm (Square Meter)	
Amount					21.96 X 1056.8267895194		23207.92	

**16. Painting (AR0901a) : Priming one coat in inner surface with primer of approved quality over woodwork**

Priming one coat in inner surface with primer of approved quality over woodwork 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		1.000	3.600	0.000	3.150	0.000	11.340	-
ii		2.000	6.100	0.000	1.200	0.000	14.640	-
iii	ceiling	1.000	3.600	6.100	0.000	0.000	21.960	-

iv	beam	2.000	3.600	0.600	0.000	0.000	4.320	-	
v		2.000	5.900	0.650	0.000	0.000	7.670	-	
vi		2.000	0.900	0.650	0.000	0.000	1.170	-	
vii		-0.500	1.200	0.000	2.100	0.000	-1.260	-	
Total Quantity					59.84 Sqm (Sqm)		59.84 Sqm (Square Meter)		
Amount					59.84 X 69.73850599121		4173.15		

**17. 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)

SI No	Description	No	L	B	D	CF	Quantity	Deduction	
i	wall	1.000	4.200	0.000	3.150	0.000	13.230	-	
ii		2.000	6.700	0.000	1.500	0.000	20.100	-	
iii	coulmn	4.000	1.200	0.000	1.750	0.000	8.400	-	
iv		2.000	0.600	0.000	1.750	0.000	2.100	-	
v	cornice	1.000	4.200	1.025	0.000	0.000	4.305	-	
vi		2.000	7.600	0.875	0.000	0.000	13.300	-	
vii		-0.500	1.200	0.000	2.100	0.000	-1.260	-	
Total Quantity					60.175 Sqm (Sqm)		60.175 Sqm (Square Meter)		
Amount					60.175 X 160.71529806685		9671.04		

**18. 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		2.000	6.100	0.000	1.200	0.000	14.640	-

ii		1.000	3.600	0.000	3.150	0.000	11.340	-
iii	beam	2.000	3.600	0.600	0.000	0.000	4.320	-
iv		2.000	5.900	0.650	0.000	0.000	7.670	-
v	ceiling	1.000	3.600	6.100	0.000	0.000	21.960	-
vi	Door	-0.500	1.200	0.000	2.100	0.000	-1.260	-
Total Quantity					58.67 Sqm (Sqm)		58.67 Sqm (Square Meter)	
Amount					58.67 X 78.835517175		4625.28	
Total Amount							405141.56	
<b>Addition</b>								
Provision for survey investigation and quality control (+) @								
Display Citizen Board (+) @							4465.00	
Provision for Contingency (+) @							4137.00	
Provision for EI Work (+) @								
Provision for PH Work (+) @								
Any Other Lumpsum (+) @								
Total Addition							8602.00	
Grand Net Total Amount							413743.56	

LOPAMUDRA PATI  
JE  
Delanga Block

SUBRAT KUMAR BARIK  
AEE  
Delanga Block

PuriDelangaBDO  
BDO  
Delanga Block