

## Detailed Estimate

**OD/356/3397/275260/401169/00070199 : Construction Of Bhoga Mandap at Brundaban Bihari Temple, Chahata**  
**Block : Dharmasala, Gram Panchayat : Chahata**  
**Created By: SIPRA SAHOO**

<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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	1.000	9.200	0.600	0.600	0.000	3.312	-
ii	col	4.000	1.200	1.200	1.200	0.000	6.912	-
Total Quantity					10.224 cum (cum)		10.224 Cum (Cubic Meter)	
Amount					10.224 X 240.77592		2461.69	
<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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	1.000	12.500	0.600	0.150	0.000	1.125	-
ii	col	4.000	1.200	1.200	0.150	0.000	0.864	-
iii	inside	1.000	3.450	3.050	0.400	0.000	4.209	-
Total Quantity					6.198 cum (cum)		6.198 Cum (Cubic Meter)	
Amount					6.198 X 721.547232		4472.15	
<b>3. 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	wall	1.000	12.500	0.600	0.100	0.000	0.750	-
ii	col	4.000	1.200	1.200	0.150	0.000	0.864	-
iii	inside	1.000	3.450	3.050	0.100	0.000	1.052	-
Total Quantity					2.66625 cum (cum)		2.66625 Cum (Cubic Meter)	
<b>Amount</b>					<b>2.66625 X 5690.74356166</b>		<b>15172.95</b>	

#### 4. 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	LW	2.000	3.950	3.150	0.000	0.000	24.885	-
ii	SW	2.000	3.550	3.150	0.000	0.000	22.365	-
Total Quantity					47.25 Sqm (Sqm)		47.25 Sqm (Square Meter)	
<b>Amount</b>					<b>47.25 X 169.5958077332</b>		<b>8013.40</b>	

#### 5. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	LW	2.000	3.450	3.150	0.000	0.000	21.735	-
ii	SW	2.000	3.050	3.150	0.000	0.000	19.215	-
iii	door	1.000	1.200	2.100	0.000	0.000	-	2.520
iv	window	1.000	1.200	1.200	0.000	0.000	-	1.440
Total Quantity					36.99 Sqm (Sqm)		36.99 Sqm (Square Meter)	

<b>Amount</b>				36.99 X 243.796458522			9018.03	
<b>6. 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</b>								
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	rod	1.000	7.000	0.000	0.000	0.000	7.000	-
Total Quantity					7 Qntl (Quintal)		7 Qntl (Quintal)	
<b>Amount</b>				7 X 8429.867838			59009.07	
<b>7. Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside)</b>								
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	LW	2.000	3.450	3.150	0.000	0.000	21.735	-
ii	SW	1.000	3.050	3.150	0.000	0.000	9.608	-
iii	ceiling	1.000	3.450	3.050	0.000	0.000	10.523	-
Total Quantity					41.865 Sqm (Sqm)		41.865 Sqm (Square Meter)	
<b>Amount</b>				41.865 X 78.835517175			3300.45	
<b>8. R.C.C. Work (AR0404Aa) : 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 foundation, footing bases of column, mass concrete, pre-cast slabs etc.)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	base	4.000	1.200	1.200	0.250	0.000	1.440	-
ii	footing	4.000	0.375	0.375	0.900	0.000	0.506	-

Total Quantity		1.94625 cum (cum)		1.94625 Cum (Cubic Meter)				
Amount		1.94625 X 6248.0512272047		12160.27				
<b>9. R.C.C. Work (AR0404Ab) : 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 Plinth band)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	plinth	1.000	14.000	0.250	0.250	0.000	0.875	-
Total Quantity		0.875 cum (cum)		0.875 Cum (Cubic Meter)				
Amount		0.875 X 7004.8733523464		6129.26				
<b>10. 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	beam	1.000	14.000	0.250	0.150	0.000	0.525	-
ii	col	4.000	0.250	0.250	2.850	0.000	0.713	-
Total Quantity		1.2375 cum (cum)		1.2375 Cum (Cubic Meter)				
Amount		1.2375 X 14303.804614525		17700.96				
<b>11. 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	lintel	1.000	14.000	0.250	0.150	0.000	0.525	-
Total Quantity					0.525 cum (cum)		0.525 Cum (Cubic Meter)	
Amount					0.525 X 12912.335455735		6778.98	
<b>12. 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	slab	1.000	4.250	3.850	0.125	0.000	2.045	-
Total Quantity					2.0453125 cum (cum)		2.0453125 Cum (Cubic Meter)	
Amount					2.0453125 X 12549.935631595		25668.54	
<b>13. Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</b>								
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	1st footing	1.000	12.500	0.500	0.150	0.000	0.938	-
ii	2ndfooting	1.000	12.500	0.375	0.450	0.000	2.109	-
Total Quantity					3.046875 cum (cum)		3.046875 Cum (Cubic Meter)	
Amount					3.046875 X 4916.972040288		14981.40	
<b>14. 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	LW	2.000	3.450	0.250	2.850	0.000	4.916	-
ii	SW	2.000	3.050	0.250	2.850	0.000	4.346	-
iii	door	1.000	1.200	0.250	2.100	0.000	-	0.630
iv	window	1.000	1.200	0.250	1.200	0.000	0.360	-
Total Quantity					8.9925 cum (cum)		8.9925 Cum (Cubic Meter)	
Amount					8.9925 X 4950.302040288		44515.59	

**15. 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	tile	1.000	3.450	3.050	0.000	0.000	10.523	-
Total Quantity					10.5225 Sqm (Sqm)		10.5225 Sqm (Square Meter)	
Amount					10.5225 X 1003.5312088226		10559.66	

**16. Painting (AR0901d) : Second Floor**

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	outside	2.000	3.950	3.150	0.000	0.000	24.885	-
ii	outside	2.000	3.550	3.150	0.000	0.000	22.365	-

iii	inside	2.000	3.450	3.150	0.000	0.000	21.735	-
iv	inside	2.000	3.050	3.150	0.000	0.000	19.215	-
v	ceiling	1.000	3.450	3.050	0.000	0.000	10.523	-
vi	door	1.000	1.200	2.100	0.000	0.000	-	2.520
vii	window	1.000	1.200	1.200	0.000	0.000	-	1.440
Total Quantity					94.7625 Sqm (Sqm)		94.7625 Sqm (Square Meter)	
Amount					94.7625 X 75.093136839187		7116.01	

#### 17. Painting (AR0918Ai) : Finishing wall one coat with weather coat

Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes 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	outside	2.000	3.950	3.150	0.000	0.000	24.885	-
ii	outside	2.000	3.550	3.150	0.000	0.000	22.365	-
iii	door	1.000	1.200	2.100	0.000	0.000	-	2.520
iv	window	1.000	1.200	1.200	0.000	0.000	-	1.440
Total Quantity					43.29 Sqm (Sqm)		43.29 Sqm (Square Meter)	
Amount					43.29 X 56.9555061525		2465.60	

#### 18. 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	D @ W	1.000	160.000	0.000	0.000	0.000	160.000	-
Total Quantity					160 Kg (Kilo Gram)		1.6 Qntl (Quintal)	
Amount					1.6 X 15772.609267087		25236.17	

**19. 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	door	1.000	1.200	2.100	0.000	2.250	5.670	-
ii	window	1.000	1.200	1.200	0.000	2.750	3.960	-
Total Quantity					9.63 Sqm (Sqm)		9.63 Sqm (Square Meter)	
<b>Amount</b>					<b>9.63 X 229.57454532053</b>		<b>2210.80</b>	

**20. Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips**

2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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 specification and direction of Engineer-in charge. (new work)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	over slab	1.000	4.250	3.850	0.000	0.000	16.363	-
Total Quantity					16.3625 Sqm (Sqm)		16.3625 Sqm (Square Meter)	
<b>Amount</b>					<b>16.3625 X 354.4358057232</b>		<b>5799.46</b>	
<b>Total Amount</b>							<b>282770.45</b>	

**Addition**

Provision for survey investigation and quality control (+) @								
Display Citizen Board (+) @							5000.00	
Provision for Contingency (+) @							3000.00	
Provision for EI Work (+) @							9229.00	
Provision for PH Work (+) @								
Any Other Lumpsum (+) @								

<b>Total Addition</b>	<b>17229.00</b>
<b>Grand Net Total Amount</b>	<b>299999.45</b>

**SIPRA SAHOO  
JE  
Dharmasala Block**

**LINGARAJ PANDA  
AEE  
Dharmasala Block**

**Jyotirmaya Kar  
BDO  
Dharmasala Block**