

## Detailed Estimate

**OD/369/3536/120887/409233/00074842 : DEVELOPMENT OF MAA JAGESWARI TEMPLE CAMPUS ,CHHATIANA**  
**Block : Astaranga, Gram Panchayat : Saripur**  
**Created By:CHANDRAKANT DIXIT**

<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	Col.	13.000	0.900	0.900	0.900	0.000	9.477	-
ii	wall	1.000	42.680	0.450	0.450	0.000	8.643	-
iii	Ded	13.000	0.900	0.450	0.450	0.000	-	2.369
Total Quantity					15.75045 cum (cum)		15.75045 Cum (Cubic Meter)	
Amount					15.75045 X 240.77592		3792.33	
<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	col	13.000	0.900	0.900	0.100	0.000	1.053	-
ii	wall	1.000	42.680	0.450	0.100	0.000	1.921	-
iii	ded	13.000	0.900	0.450	0.100	0.000	-	0.527
Total Quantity					2.4471 cum (cum)		2.4471 Cum (Cubic Meter)	
Amount					2.4471 X 539.302832		1319.73	
<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	col	13.000	0.900	0.900	0.100	0.000	1.053	-
ii	wall	1.000	42.680	0.450	0.100	0.000	1.921	-
iii	ded col	13.000	0.900	0.450	0.100	0.000	-	0.527
Total Quantity					2.4471 cum (cum)		2.4471 Cum (Cubic Meter)	
Amount					2.4471 X 6430.12308096		15735.15	

**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  $\pm 8$  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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	1.000	42.680	0.450	0.125	0.000	2.401	-
ii		1.000	42.680	0.380	0.125	0.000	2.027	-
iii	l	1.000	42.680	0.250	0.150	0.000	1.601	-
iv	ded	13.000	0.250	0.250	0.250	0.000	-	0.203
Total Quantity					5.825425 cum (cum)		5.825425 Cum (Cubic Meter)	
Amount					5.825425 X 5172.743515128		30133.43	

**5. 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  $\pm 8$  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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	1.000	42.680	0.250	1.520	0.000	16.218	-
ii		1.000	42.680	0.125	0.150	0.000	0.800	-
iii	ded col	13.000	0.250	0.250	1.520	0.000	-	1.235
Total Quantity					15.78365 cum (cum)		15.78365 Cum (Cubic Meter)	
Amount					15.78365 X 5206.073515128		82170.84	

**6. 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.)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	base	13.000	0.900	0.900	0.200	0.000	2.106	-
Total Quantity					2.106 cum (cum)		2.106 Cum (Cubic Meter)	
Amount					2.106 X 6908.7184368057		14549.76	

**7. R.C.C. Work (AR0404Ac) : 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 Beams, Column, Girder & Bressmer etc)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	col	13.000	0.250	0.250	2.190	0.000	1.779	-
Total Quantity					1.779375 cum (cum)		1.779375 Cum (Cubic Meter)	
Amount					1.779375 X 14964.471824126		26627.41	

**8. 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)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	col	1.000	42.680	0.250	0.200	0.000	2.134	-
Total Quantity					2.134 cum (cum)		2.134 Cum (Cubic Meter)	
Amount					2.134 X 7665.5405619474		16358.26	

**9. 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	rod	0.000	5.350	0.000	0.000	0.000	5.350	-
Total Quantity					5.35 Qntl (Quintal)		5.35 Qntl (Quintal)	
Amount					5.35 X 7947.1441455		42517.22	

**10. 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	wall	2.000	42.680	0.000	2.020	0.000	172.427	-
Total Quantity					172.4272 Sqm (Sqm)		172.4272 Sqm (Square Meter)	
Amount					172.4272 X 174.4824024592		30085.51	

**11. 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	2.000	42.680	0.000	2.020	0.000	172.427	-
<b>Total Quantity</b>					172.4272 Sqm (Sqm)		172.4272 Sqm (Square Meter)	
<b>Amount</b>					172.4272 X 160.71529806685		27711.69	
<b>Total Amount</b>							291001.34	
<b>Addition</b>								
Provision for survey investigation and quality control (+) @								
Display Citizen Board (+) @							2998.00	
Provision for Contingency (+) @							6000.00	
Provision for EI Work (+) @								
Provision for PH Work (+) @								
Any Other Lumpsum (+) @								
<b>Total Addition</b>							<b>8998.00</b>	
<b>Grand Net Total Amount</b>							<b>299999.34</b>	

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