

## Detailed Estimate

**OD/356/3402/118467/401148/00104518 : Construction of Astaprahari Bhagabata Tunggi.**

**Block : Rasulpur, Gram Panchayat : Barabati**

**Created By: SUSHIL HEMBRAM**

<b>1. 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	wall	4.000	7.610	0.250	0.300	0.000	2.283	-
ii	wall	4.000	7.610	0.250	0.200	0.000	1.522	-
<b>Total Quantity</b>						<b>3.805 cum (cum)</b>	<b>3.805 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>3.805 X 14703.614629525</b>	<b>55947.25</b>	
<b>2. 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	7.920	7.920	0.110	0.000	6.900	-
<b>Total Quantity</b>						<b>6.899904 cum (cum)</b>	<b>6.899904 Cum (Cubic Meter)</b>	
<b>Amount</b>						<b>6.899904 X 12949.745646595</b>	<b>89352.00</b>	
<b>3. 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	ms rod	1.000	11.500	0.000	0.000	0.000	11.500	-
Total Quantity					11.5 Qntl (Quintal)		11.5 Qntl (Quintal)	
Amount					11.5 X 8664.3509631		99640.04	
<b>4. 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	bed	1.000	7.110	7.110	0.300	0.000	15.166	-
Total Quantity					15.16563 cum (cum)		15.16563 Cum (Cubic Meter)	
Amount					15.16563 X 726.748732		11021.60	
<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	bed	1.000	7.114	7.110	0.150	0.000	7.587	-
Total Quantity					7.587081 cum (cum)		7.587081 Cum (Cubic Meter)	
Amount					7.587081 X 6117.20757766		46411.75	
<b>6. Plastering (AR1006) : 12mm thick cement plaster (1:4) over brickwork in inside</b>								
12mm thick cement plaster (1:4) over brickwork in inside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, 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	cmn	16.000	1.200	0.000	3.150	0.000	60.480	-
ii	bed	4.000	2.130	0.000	1.200	0.000	10.224	-
Total Quantity					70.704 Sqm (Sqm)		70.704 Sqm (Square Meter)	

<b>Amount</b>							<b>70.704 X 193.2915393776</b>	<b>13666.49</b>
<b>7. Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer</b>								
Finishing wall surface two coats with weather coat with one coat oilbound 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	border	4.000	7.610	0.650	0.000	0.000	19.786	-
Total Quantity							19.786 Sqm (Sqm)	19.786 Sqm (Square Meter)
<b>Amount</b>							<b>19.786 X 156.64005701751</b>	<b>3099.28</b>
<b>8. Painting (AR0922a) : Finishing wall surface with two coats with distemper of approved shades above one coat oil bound Primer on new work (Inside)</b>								
Finishing wall surface with two coats with distemper of approved shades above one coat oil bound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty 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	ceiling	1.000	7.610	7.610	0.000	0.000	57.912	-
ii	beam	4.000	7.610	0.700	0.000	0.000	21.308	-
iii	wbeam	4.000	7.610	0.650	0.000	0.000	19.786	-
iv	cmn	16.000	1.200	3.150	0.000	0.000	60.480	-
Total Quantity							159.4861 Sqm (Sqm)	159.4861 Sqm (Square Meter)
<b>Amount</b>							<b>159.4861 X 147.84337616751</b>	<b>23578.96</b>
<b>9. 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/cm2 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	bed	1.000	2.130	2.130	1.200	0.000	5.444	-

Total Quantity						5.44428 cum (cum)	5.44428 Cum (Cubic Meter)	
Amount						5.44428 X 5066.406287288	27582.93	
<b>10. Plastering (AR1017i) : 20mm thick cement Plaster in CM (1:4) over masonry work in outside</b>								
20mm thick cement Plaster in CM (1:4) over stone 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	slab	1.000	7.920	7.920	0.000	0.000	62.726	-
Total Quantity						62.7264 Sqm (Sqm)	62.7264 Sqm (Square Meter)	
Amount						62.7264 X 271.7463537176	17045.67	
<b>11. Flooring (AR0816f) : Fixing Granite Tiles Above 0.10 Sqm &amp; up to 0.4 sqm (10mm. thick) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1</b>								
Fixing Granite Tiles Above 0.10 Sqm & up to 0.4 sqm (10mm. thick) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the Granite 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	BED	1.000	2.430	2.430	0.000	0.000	5.905	-
Total Quantity						5.9049 Sqm (Sqm)	5.9049 Sqm (Square Meter)	
Amount						5.9049 X 2097.5105381508	12385.59	
<b>12. Flooring (AR0817a) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in dados skirting and risers of steps on 12mm thick cement plaster (1:3)</b>								
Fixing Granite Tiles Above 0.10 Sqm Above 0.10 Sqm & up to 0.4 sqm (10mm. thick) 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 Granite tiles including rubbing and polishing complete including cost of precast tiles.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	4.000	2.130	1.200	0.000	0.000	10.224	-
Total Quantity						10.224 Sqm (Sqm)	10.224 Sqm (Square Meter)	

Amount	10.224 X 2234.443563196	22844.95
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Total Amount (A) : 422576.52
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Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Provision for EI Work @ Rs.11423	-	11423
2	Provision for Contingency @ Rs.9000	-	9000
3	Display Citizen Board @ Rs.5000	-	5000
4	Any Other Lumpsum @ Rs.2000	VIBRATOR	2000
Additional Components Amount (F) : 27423			

Grand Total Amount (A + F) : 449999.51779944
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SUSHIL HEMBRAM  
JE  
Rasulpur Block

AEsabitadhal  
AEE  
Rasulpur Block

Satyananda Dash  
BDO  
Rasulpur Block