

Detailed Estimate

OD/367/3527/120657/406292/00013764 : CONST OF BAUNSIAPADA MARKET COMPLEX

Block : Nayagarh, Gram Panchayat : Baunsiapada

Created By: Muralidhar Rout

1. Masonry Brick Work (AR0603bi) : First floor									
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 ² 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	L/W	2.000	11.500	0.250	3.300	0.000	18.975	-	
ii	S/W	2.000	5.550	0.250	3.300	0.000	9.158	-	
iii		2.000	3.500	0.250	3.300	0.000	5.775	-	
iv	Shutter	3.000	2.400	0.250	2.200	0.000	-	3.960	
Total Quantity					29.9475 cum (cum)		29.9475 Cum (Cubic Meter)		
Amount					29.9475 X 5408.69138384		161976.79		
2. R.C.C. Work (AR0404Ac) : First Floor									
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)									
Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Column	8.000	0.250	0.250	3.300	0.000	1.650	-	
ii	Wall Beam	1.000	11.500	0.250	0.150	0.000	0.431	-	
iii		1.000	11.500	0.250	0.250	0.000	0.719	-	
iv		2.000	5.550	0.250	0.150	0.000	0.416	-	
v		2.000	3.500	0.250	0.150	0.000	0.263	-	
Total Quantity					3.47875 cum (cum)		3.47875 Cum (Cubic Meter)		
Amount					3.47875 X 15841.589101351		55108.93		

3. R.C.C. Work (AR0404Ad) : First Floor

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)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Lintel Beam	1.000	11.500	0.250	0.150	0.000	0.431	-
ii		1.000	11.500	0.250	0.250	0.000	0.719	-
iii		2.000	5.550	0.250	0.150	0.000	0.416	-
iv		2.000	3.500	0.250	0.150	0.000	0.263	-
Total Quantity					1.82875 cum (cum)		1.82875 Cum (Cubic Meter)	
Amount					1.82875 X 14171.826110804		25916.73	

4. R.C.C. Work (AR0404Ag) : First Floor

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)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Slab	1.000	11.800	5.850	0.125	0.000	8.629	-
Total Quantity					8.62875 cum (cum)		8.62875 Cum (Cubic Meter)	
Amount					8.62875 X 13736.946321835		118532.68	

5. Plastering (AR1017) : First Floor

20mm thick cement Plaster in CM (1:4) over stone 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Slab	1.000	11.800	5.850	0.000	0.000	69.030	-
Total Quantity					69.03 Sqm (Sqm)		69.03 Sqm (Square Meter)	
Amount					69.03 X 279.410719568		19287.72	

6. Plastering (AR1014) : First Floor

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Inner Plaster	6.000	4.400	3.300	0.000	0.000	87.120	-
ii		6.000	3.500	3.300	0.000	0.000	69.300	-
iii		2.000	1.300	3.300	0.000	0.000	8.580	-
iv	Verendah	1.000	11.000	3.300	0.000	0.000	36.300	-
v	Deduct Shutter	6.000	2.400	2.200	0.000	0.000	-	31.680
Total Quantity					169.62 Sqm (Sqm)		169.62 Sqm (Square Meter)	
Amount					169.62 X 253.92648461		43071.01	

7. Plastering (AR1004) : First Floor

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Outer Plaster	1.000	11.500	3.300	0.000	0.000	37.950	-
ii		2.000	5.550	3.300	0.000	0.000	36.630	-
Total Quantity					74.58 Sqm (Sqm)		74.58 Sqm (Square Meter)	
Amount					74.58 X 177.028843426		13202.81	

8. Plastering (AR1027k) : First Floor

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(For repair and maintenance).

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Slab	1.000	11.800	5.850	0.000	0.000	69.030	-
Total Quantity					69.03 Sqm (Sqm)		69.03 Sqm (Square Meter)	
Amount					69.03 X 199.897513704		13798.93	

9. Painting (AR0901d) : First 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	Qty 6+7+8	1.000	313.230	1.000	0.000	0.000	313.230	-
Total Quantity					313.23 Sqm (Sqm)		313.23 Sqm (Square Meter)	
Amount					313.23 X 73.582069974671		23048.11	
10. Painting (AR0920) : First Floor								
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)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Qty 6+8	1.000	238.950	1.000	0.000	0.000	238.950	-
Total Quantity					238.95 Sqm (Sqm)		238.95 Sqm (Square Meter)	
Amount					238.95 X 96.6372683875		23091.48	
11. Painting (AR0918f) : First Floor								
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)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Qty 7	1.000	74.580	1.000	0.000	0.000	74.580	-
Total Quantity					74.58 Sqm (Sqm)		74.58 Sqm (Square Meter)	
Amount					74.58 X 91.0277990875		6788.85	
12. R.C.C. Work (AR0409) : First floor								
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Qty R.C.C	1.000	13.910	1.000	0.000	0.000	13.910	-
Total Quantity					13.91 Qntl (Quintal)		13.91 Qntl (Quintal)	

Amount					13.91 X 8958.4344205	124611.82		
13. Other Building Items. (AR1901B) : First floor								
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	Room	3.000	4.400	3.500	0.000	0.000	46.200	-
ii	Verendah	1.000	11.000	1.300	0.000	0.000	14.300	-
Total Quantity					60.5 Sqm (Sqm)		60.5 Sqm (Square Meter)	
Amount					60.5 X 1015.721848061	61451.17		
14. Flooring (AR0817b) : First floor								
Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Room	6.000	4.400	0.150	0.000	0.000	3.960	-
ii		6.000	3.500	0.150	0.000	0.000	3.150	-
iii	Verendah	1.000	11.000	0.150	0.000	0.000	1.650	-
iv		2.000	1.300	0.150	0.000	0.000	0.390	-
v	Deduct Shutter	6.000	2.400	0.150	0.000	0.000	-	2.160
Total Quantity					6.99 Sqm (Sqm)		6.99 Sqm (Square Meter)	
Amount					6.99 X 901.868918836	6304.06		
15. 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	Rolling Shutter	3.000	2.400	2.100	0.000	65.000	982.800	-
ii	Sidi	1.000	600.000	1.000	0.000	1.000	600.000	-

Total Quantity	1582.8 Kg (Kilo Gram)	15.828 Qntl (Quintal)
Amount	15.828 X 16248.316237087	257178.35
Total Amount		953369.43
Addition		
Provision for PH Work (+) @		20000.00
Provision for EI Work (+) @		23630.00
Provision for Contingency (+) @		0.00
Display Citizen Board (+) @		3000.00
Any Other Lumpsum (+) @		
Total Addition		46630.00
Grand Net Total Amount		999999.43