

Project :- Church of Pentecost USA, Inc		Report date : 17-Oct-17						
Location :- 616 East 180th Street, Bronx, New York		Page No. :						
Owner :- Church of Pentecost USA, Inc		Building Type :						
Consultant :- Vital Builders Group.		C.T. Index :						
<b>Estimator :- Thileepan Tharmalingam</b>		GFA : 17,900 Sq ft						
Element	Ratio to GFA	Elemental Cost		Elemental Amount		Rate per ft2		%
		Quantity	Unit rate	Sub- Total	Total	Sub- Total	Total	
<b>A SHELL</b>		17,900	Sq ft		844,762		47.19	31.5%
<b>A1 SUBSTRUCTURE</b>					-		-	0.0%
A11 Foundations	0.000	1	Sum	-	-	-	-	
A12 Basement Excavation	0.000	1	Sum	-	-	-	-	
A13 Special Conditions	0.000	1	Sum	-	-	-	-	
<b>A2 STRUCTURE</b>					184,714		10.32	6.9%
A21 Lowest Floor Construction	0.000	1	Sum	-	-	-	-	
A22 Upper Floor Construction	0.602	10,780	Sq ft	8	91,114	5.09		
A23 Roof Construction	0.419	7,500	Sq ft	12	93,600	5.23		
<b>A3 EXTERIOR ENCLOSURE</b>					660,048		36.87	24.6%
A31 Walls Below Grade	0.000	1	Sum	-	-	-	-	
A32 Walls Above Grade	0.864	15,464	Sq ft	27	419,865	23.46		
A33 Windows & Entrances	0.044	787	Sq ft	73	57,059	3.19		
A34 Roof Coverings	0.419	7,500	Sq ft	17	128,800	7.20		
A35 Projections	0.088	1,571	Sq ft	35	54,324	3.03		
<b>B INTERIORS</b>		17,900	Sq ft		1,159,167		64.76	43.2%
<b>B1 PARTITIONS &amp; DOORS</b>					415,412		23.21	15.5%
B11 Partitions	1.362	24,384	Sq.ft	15	355,362	19.85		
B12 Doors	0.002	42	Lvs	1,430	60,050	3.35		
<b>B2 FINISHES</b>					359,540		20.09	13.4%
B21 Floor Finishes	1.000	17,900	Sq.ft	7	129,880	7.26		
B22 Ceiling Finishes	1.000	17,900	Sq.ft	8	135,745	7.58		
B23 Wall Finishes	2.009	35,970	Sq.ft	3	93,915	5.25		
<b>B3 FITTINGS &amp; EQUIPMENT</b>					384,215		21.46	14.3%
B31 Fittings & Fixtures	1.000	17,900	Sq.ft	5	81,715	4.57		
B32 Equipment	0.000	1	Sum	2,500	2,500	0.14		
B33 Elevators	0.000	1	Sum	300,000	300,000	16.76		
B34 Escalators	0.000	1	Sum	-	-	-		
<b>C SERVICES</b>		17,900	Sq ft		499,913		27.93	18.6%
<b>C1 MECHANICAL</b>					281,093		15.70	10.5%
C11 Plumbing & Drainage	1.000	17,900	Sq.ft	5	87,605	4.89		
C12 Fire Protection	1.000	17,900	Sq.ft	1	17,270	0.96		
C13 HVAC	1.000	17,900	Sq.ft	10	173,218	9.68		
C14 Controls	0.000	1	Sum	3,000	3,000	0.17		
<b>C2 ELECTRICAL</b>					218,820		12.22	8.2%
C21 Service & Distribution	1.000	17,900	Sq.ft	2	36,200	2.02		
C22 Lighting, Devices & Heating	1.000	17,900	Sq.ft	8	137,130	7.66		
C23 Systems & Ancillaries	1.000	17,900	Sq.ft	3	45,490	2.54		
<b>NET BUILDING COST - EXCLUDING SITE</b>					<b>\$ 2,503,842</b>		<b>139.88</b>	<b>93.4%</b>
<b>D SITE &amp; ANCILLARY WORK</b>								<b>1.9%</b>
<b>D1 SITE WORK</b>					16,100		0.90	<b>0.6%</b>
D11 Site Development	0.000	1	S.ft	-	-	-	-	
D12 Mechanical Site Services	0.000	1	Sum	-	-	-	-	
D13 Electrical Site Services	0.000	1	Sum	16,100	16,100	0.90		
<b>D2 ANCILLARY WORK</b>					34,537		1.93	<b>1.3%</b>
D21 Demolitions	0.000	1	Sum	34,537	34,537	1.93		
D22 Alterations	0.000	1	Sum	-	-	-	-	
<b>NET BUILDING COST - INCLUDING SITE</b>					<b>\$ 2,554,479</b>		<b>142.71</b>	<b>95.2%</b>
<b>Z1 GENERAL REQUIREMENTS &amp; FEE</b>					127,724		7.14	<b>4.8%</b>
Z11 General Requirement		0.0%			-	-	-	
Z12 Insurance		5.0%			127,724	7.14		
<b>TOTAL CONSTRUCTION ESTIMATE - EXCLUDING ALLOWANCES</b>					<b>\$ 2,682,203</b>		<b>149.84</b>	<b>100.0%</b>
<b>Z2 ALLOWANCES</b>					268,220		-	
Z21 Design & Pricing Allowance		0.0%			-	-	-	
Z22 Escalation Allowance		0.0%			-	-	-	
Z23 Construction Allowance		10.0%			268,220	-	-	
<b>TOTAL CONSTRUCTION ESTIMATE - INCLUDING ALLOWANCES</b>					<b>\$ 2,950,423</b>		<b>149.84</b>	
<b>- PROFIT &amp; OVERHEAD</b>					442,563		-	
- Profit		15.0%			442,563	-	-	
<b>TOTAL CONSTRUCTION ESTIMATE</b>					<b>\$ 3,392,987</b>		<b>149.84</b>	

A2	STRUCTURE	Quantity	Unit rate	Amount	
A22	Upper Floor Construction				
1	Second floor metal decking including with steel beams and support - Assume not Required	5,850 s.ft		-	
2	Mezzanine floor metal decking including with steel beams and support	2,080 s.ft	16.00	33,280	
3	Supply and placing 6" thick concrete in Mezzanine floor on metal deck	2,080 s.ft	4.80	9,984	
4	Patch and repair first suspended floor slab	2,850 s.ft	1.00	2,850	
5	Supply and install steel stair with concrete topping including with all support	15 Flight	3,000.00	45,000	
A22	Upper Floor Construction	<b>Total : \$</b>	10,780 Sq ft	8.45	91,114
A23	Roof Construction				
1	Roof slab metal decking including with steel beams and support	5,850 s.ft	16.00	93,600	
2	Supply and placing 4" thick concrete in Roof slab on metal deck	5,850 s.ft	3.50	20,475	
3	Repair and make good existing reinforce concrete roof slab, allow	1,650 s.ft	10.00	16,500	
A23	Roof Construction	<b>Total : \$</b>	7,500 Sq ft	12.48	93,600

<b>A3</b>	<b>EXTERIOR ENCLOSURE</b>	<b>Quantity</b>	<b>Unit rate</b>	<b>Amount</b>	
A32	Walls Above Grade				
1	Type 7 - 12" CMU wall with reinforce grout core filling over traeted wood furring with 1/2" gypsum board	10,164 s.ft	26.50	269,346	
2	Repair, patch and prepare to receive new stucco finish on existing concrete masonry wall	5,300 s.ft	5.00	26,500	
3	Exterior stucco finish on CMU wall	15,339 s.ft	7.80	119,644	
4	Exterior stone wall cladding in front elevation, allow	125 s.ft	35.00	4,375	
A32	Walls Above Grade	<b>Total : \$</b>	15,464 Sq ft	27.15	419,865

A33	Windows & Entrances			
1	W01 type insulated window with frame, 1 No	19 s.ft	70.00	1,305
2	W02 type insulated window with frame, 1 No	8 s.ft	98.00	768
3	W03 type insulated window with frame, 1 No	10 s.ft	100.00	1,000
4	W04 type insulated window with frame, 3 No	30 s.ft	100.00	3,000
5	W05 type insulated window with frame, 3 No	32 s.ft	100.00	3,200
6	W06 type insulated window with frame, 2 No	21 s.ft	100.00	2,100

7	W07 type insulated window with frame, 2 No	28 s.ft	70.00	1,960
8	W08 type insulated window with frame, 2 No	40 s.ft	70.00	2,800
9	W09 type insulated window with frame, 1 No	9 s.ft	100.00	867
10	W10 type insulated window with frame, 3 No	46 s.ft	100.00	4,600
11	W11 type insulated window with frame, 1 No	15 s.ft	100.00	1,517
12	W12 type insulated window with frame, 2 No	40 s.ft	70.00	2,800
13	W13 type insulated window with frame, 1 No	30 s.ft	70.00	2,100
14	W14 type insulated window with frame, 4 No	93 s.ft	100.00	9,333
15	W15 type insulated window with frame, 2 No	40 s.ft	70.00	2,800
16	W16 type insulated window with frame, 1 No	30 s.ft	70.00	2,100
17	W17 type insulated window with frame, 1 No	8 s.ft	70.00	560
18	Insulated hollow metal single door c/w frame standard hardware	7 Lvs	1,100.00	7,700
19	Insulated aluminum framed tempered glazed double door c/w frame standard hardware	1 Pair	4,800.00	4,800
20	Door crasher	7 No	250.00	1,750

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A33	Windows & Entrances	<b>Total : \$</b>	786.64 Sq ft	72.54	57,059
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A34	Roof Coverings				
	Asphalt sheet roof covering to new flat roof c/w water proofing to roof concrete slab	1	5,850 s.ft	14.00	81,900
	Asphalt sheet roof covering to existing flat roof c/w water proofing to roof concrete slab	2	1,650 s.ft	14.00	23,100
	Concrete pad for Equipment, allow	3	1,190 s.ft	20.00	23,800
A34	Roof Coverings	<b>Total : \$</b>	7,500 Sq ft	17.17	128,800

A35	Projections				
	12" CMU wall over traeted wood furring with 1/2" exterior sheathing board	1	1,091 s.ft	24.00	26,184
	8" CMU wall over traeted wood furring with 1/2" exterior sheathing board	2	480 s.ft	21.50	10,320
	Precast concrete coping	3	495 L.ft	36.00	17,820
A35	Projections	<b>Total : \$</b>	1,571 Sq ft	34.58	54,324

<b>B1</b>	<b>PARTITIONS &amp; DOORS</b>	<b>Quantity</b>	<b>Unit rate</b>	<b>Amount</b>
B11	Partitions			
1	Type 4 - 1/2" Gypsum board over 1/2" furring strips on existing CMU wall	3,503 s.ft	7.50	26,273
2	Type 5 - one layer of 5/8" firecode core gypsum board each side of 3-5/8" metal studs with 3" sound attenuation blanket and caulking (1 Hr FRR)	3,945 s.ft	14.50	57,203
3	Type 6 -two layer of 5/8" firecode core gypsum board each side of 3-5/8" metal studs with 3" sound attenuation blanket and caulking (2 Hr FRR)	5,760 s.ft	18.50	106,560
4	Type 8 - 1/2" Gypsum board over treated wood furring strips on existing CMU wall with R-21 insulation	6,920 s.ft	9.80	67,816
5	Type 10 - 6" concrete block wall with 1/2" water proof gypsum board inside and 1/2" gypsum board outside	2,980 s.ft	23.00	68,540
6	6" concrete block wall with onside 1/2" gypsum board with furring channel	841 s.ft	21.00	17,661
7	12" concrete block wall with bothside 1/2" gypsum board with furring channel	435 s.ft	26.00	11,310
<b>B11</b>	<b>Partitions</b>	<b>Total : \$</b>	<b>24,384 Sq.ft</b>	<b>14.57</b>
				<b>355,362</b>
B12	Doors			
1	Single wood door with wood frame and standard hardware	34 Lvs	1,150.00	39,100

	Single wood frame glass door with				
2	wood frame and standard hardware	5 Lvs	3,000.00	15,000	
3	Double aluminum frame glass door with frame and standard hardware	1 Pair	5,000.00	5,000	
4	Paint to existing single door and frame	1 Lvs	200.00	200	
5	Crash bar	3 No	250.00	750	
<b>B12</b>	<b>Doors</b>	<b>Total : \$</b>	<b>42 Lvs</b>	<b>1,429.76</b>	<b>60,050</b>

<b>B2</b>	<b>FINISHES</b>	<b>Quantity</b>	<b>Unit rate</b>	<b>Amount</b>	
B21	Floor Finishes				
1	Porcelain tile finish with base at Washrooms & Kitchen, allow	1,068 s.ft	19.00	20,292	
2	Carpet flooring with rubber base	11,925 s.ft	6.80	81,090	
3	Philadelphia 16" x 16" tile with foam underlayment and tile base	1,195 s.ft	18.50	22,108	
4	Concrete sealer	3,195 s.ft	2.00	6,390	
5	Area without flooring, walls and voids	517 s.ft	-	-	
<b>B21</b>	<b>Floor Finishes</b>	<b>Total : \$</b>	<b>17,900 Sq.ft</b>	<b>7.26</b>	<b>129,880</b>

B22	Ceiling Finishes				
1	Gypsum board ceiling c/w frame and painting	4,716 s.ft	13.20	62,251	
2	Acoustic ceiling	9,980 s.ft	6.80	67,864	
3	Paint to exposed structure	2,815 s.ft	2.00	5,630	
4	Area without ceiling, walls and voids	389 s.ft	-	-	
<b>B22</b>	<b>Ceiling Finishes</b>	<b>Total : \$</b>	<b>17,900 Sq.ft</b>	<b>7.58</b>	<b>135,745</b>

B23	Wall Finishes				
1	Ceramic tile to washroom	2,160	s.ft	20.00	43,200
2	Paint	33,810	s.ft	1.50	50,715
<b>Total : \$</b>		35,970	Sq.ft	2.61	93,915

B3	FITTINGS & EQUIPMENT	Quantity	Unit rate	Amount
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B31	Fittings & Fixtures				
1	Millwork, allow	1	Sum	10,740	10,740
-	Allow for miscellaneous millwork	17,900	s.ft	0.60	10,740
2	Metals, allow	1	Sum	57,050	57,050
-	Stainless steel guard rail to Mezzanine Floor	90	ft	150.00	13,500
-	Stainless steel half height accessible gate to Mezzanine Floor	1	No	500.00	500
-	Stainless steel guard rail to Stairs	200	ft	120.00	24,000
-	Hand rail to stair - not required	-	Nil	-	-
-	Steel ladder to roof access, 10' high	1	No	500.00	500
-	Steel roof access hatch, 5' x 2'6" size	1	No	650.00	650
-	Allow for miscellaneous metals	17,900	s.ft	1.00	17,900
3	Washroom accessories, allow	1	Sum	13,925	13,925
-	Washroom cubicle	10	No	200.00	2,000
-	Washroom assessories	15	Loc	500.00	7,500
-	Mirrors for small size	5	No	125.00	625
-	Mirrors for big size	4	Loc	500.00	2,000
-	Grab bar	4	Set	450.00	1,800
4	Allowance for signage	1	Sum	5,000.00	5,000
<b>Total : \$</b>		17,900	Sq.ft	4.57	81,715



B32	Equipment				
	1	Cooktop, allow	1	Allow	2,500.00
					2,500

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B32	Equipment	<b>Total : \$</b>	1	Sum	2,500.00	2,500
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B33	Elevators				
	1	Elevator, 4 stop	1	No	300,000.00
					300,000

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B33	Elevators	<b>Total : \$</b>	1	Sum	300,000.00	300,000
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C1	MECHANICAL	Quantity	Unit rate	Amount
C11	Plumbing & Drainage			
1	Fixtures & rough-in	1 Sum	37,750.00	37,750
	- Water closet	11 No	950.00	10,450
	- Water closet - HC	4 No	1,100.00	4,400
	- Lavatory	9 No	750.00	6,750
	- Lavatory - HC	4 No	800.00	3,200
	- Urinal	2 No	750.00	1,500
	- Water fountain	2 No	1,000.00	2,000
	- Kitchen compartment sink, triple	1 No	1,200.00	1,200
	- Fixture rough-in	33 No	250.00	8,250
2	Domestic water, allow	17900 s.ft	1.00	17,900
3	Sanitary drainage & vent, allow	17900 s.ft	0.85	15,215
4	Storm drainage, allow	17900 s.ft	0.60	10,740
5	Natural gas distribution and connection to RTU and Kitchen, allow	1 Sum	6,000.00	6,000
C11	Plumbing & Drainage	<b>Total : \$</b>	4.89	87,605
C12	Fire Protection			
1	Sprinkler pipe - distribution	1650 ft	4.50	7,425
2	Sprinkler pipe - main	585 ft	6.00	3,510
3	Sprinkler head	190 No	30.00	5,700
4	Sprinkler head - side wall	1 No	35.00	35
5	Double check detector assembly	1 No	600.00	600
C12	Fire Protection	<b>Total : \$</b>	0.96	17,270

C13 HVAC

1	HVAC - Grilles		1 Sum	54,900.00	54,900
	- Supply air diffuser 12" x 12"	4	No	180.00	720
	- Supply air diffuser 24" x 24"	68	No	280.00	19,040
	- Supply air diffuser 6' long	17	No	330.00	5,610
	- Return air grille	15	No	250.00	3,750
	- Exhaust air grille	12	No	240.00	2,880
	- Volume dampers	85	No	220.00	18,700
	- Fire dampers and access door	12	No	350.00	4,200
2	HVAC - Devices		1 Sum	60,350.00	60,350
	- RTU-1, 4, 5, Carrier 48HC24 with supply fan	3	No	6,000.00	18,000
	- RTU-2, Carrier 48HCFD11 with supply fan	1	No	3,500.00	3,500
	- RTU-3, Carrier 48HCA06 with supply fan	1	No	2,000.00	2,000
	- Electric heater, 3' long Berko BKOC2503W	2	No	1,500.00	3,000
	- Electric heater, 4' long Berko BKOC2504W	5	No	1,750.00	8,750
	- Air cooled condensing unit Fan coil unit, FCU-1 Carrier FB4CNP024	2	No	2,500.00	5,000
	- Fan coil unit, FCU-2 Carrier FB4CNP018	1	No	2,600.00	2,600
	- Exhaust fan, EF-1 Greeneck G-098 200CFM	1	No	2,400.00	2,400
	- Exhaust fan, EF-2 Greeneck G-013 1050CFM	1	No	1,600.00	1,600
	- Exhaust fan, EF-3 Greeneck SP-110-VG 75CFM	1	No	6,000.00	6,000
	- Kitchen exhaust fan, KEF-1 Greeneck SFB-10 1200CFM	1	No	1,000.00	1,000
		1	No	6,500.00	6,500
3	HVAC Duct - Supply w/ insulation		1 Sum	40,910.00	40,910
	- 8 x 4	20	ft	14.00	280
	- 10 x 4	12	ft	16.00	192
	- 10 x 6	70	ft	17.00	1,190
	- 10 x 8	46	ft	18.00	828
	- 12 x 10	34	ft	22.00	748
	- 12 x 6	47	ft	17.00	799
	- 12 x 8	71	ft	18.00	1,278
	- 14 x 10	15	ft	26.00	390
	- 14 x 12	12	ft	27.00	324
	- 14 x 6	170	ft	20.00	3,400

- 14 x 8	135 ft	23.00	3,105
- 16 x 10	45 ft	24.00	1,080
- 16 x 12	13 ft	25.00	325
- 16 x 8	70 ft	23.00	1,610
- 17 x 12	11 ft	26.00	286
- 18 x 10	60 ft	26.00	1,560
- 18 x 12	23 ft	27.00	621
- 18 x 8	65 ft	26.00	1,690
- 20 x 10	15 ft	30.00	450
- 20 x 12	14 ft	31.00	434
- 20 x 14	78 ft	33.00	2,574
- 24 x 12	12 ft	33.00	396
- 28 x 12	14 ft	34.00	476
- 28 x 14	16 ft	35.00	560
- 30 x 12	12 ft	36.00	432
- 30 x 16	56 ft	38.00	2,128
- 30 x 18	16 ft	38.00	608
- 34 x 16	10 ft	38.00	380
- 38 x 18	70 ft	40.00	2,800
- 42 x 12	35 ft	37.00	1,295
- 42 x 16	13 ft	37.00	481
- 44 x 18	20 ft	38.00	760
- 44 x 20	36 ft	42.00	1,512
- 50 x 20	12 ft	45.00	540
- 52 x 18	19 ft	45.00	855
- 54 x 20	12 ft	47.00	564
- 60 x 20	28 ft	53.00	1,484
- 61 x 25	45 ft	55.00	2,475
4 HVAC Duct - Return	1 Sum	8,806.00	8,806
- 20x 10	10 ft	27.00	270
- 20x 14	85 ft	29.00	2,465
- 25 x 11	13 ft	30.00	390
- 36 x 12	11 ft	33.00	363
- 68 x 14	41 ft	48.00	1,968
- 68 x 19	67 ft	50.00	3,350
5 HVAC Duct - Exhaust	1 Sum	8,252.00	8,252
- 14 x 10	141 ft	26.00	3,666
- 14 x 12	16 ft	27.00	432
- 14 x 14	11 ft	28.00	308
- 14 x 6	50 ft	23.00	1,150
- 14 x 8	44 ft	24.00	1,056
- 8 x 8	70 ft	22.00	1,540
- 6 Dia	5 ft	20.00	100

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C13	HVAC	<b>Total : \$</b>	17900 Sq.ft	9.68	173,218
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C14	Controls				
	1 Allowance for HVAC controls		1 Sum	3,000.00	3,000

C14	Controls	<b>Total : \$</b>	1 Sum	3,000.00	3,000
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<b>C2</b>	<b>ELECTRICAL</b>		<b>Quantity</b>	<b>Unit rate</b>	<b>Amount</b>
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C21	Service & Distribution				
	1 Power		1 Sum	29,700.00	29,700
	- Duplex Receptcle, Ceiling mounted	2	No	120.00	240
	- Duplex Receptcle, Wall mounted	117	No	110.00	12,870
	- Duplex Receptcle, WP, Floor mounted	2	No	140.00	280
	- Duplex Receptcle, WP, Wall mounted	7	No	130.00	910
	- Junction Box	6	No	110.00	660
	- Condit and wiring	134	No	110.00	14,740
	2 Service distribution panel, 800 AMP, 120/208V, 3P, 4 wire		1 No	800.00	800
	3 Con ED trans "S" switch combo		1 No	700.00	700
	4 Allowance for control panel, testing and commencing		1 Sum	5,000.00	5,000

C21	Service & Distribution	<b>Total : \$</b>	17900 Sq.ft	2.02	36,200
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C22	Lighting, Devices & Heating				
	1 Lighting		1 Sum	90,810.00	90,810
	- L1 - Pot light	44	No	160.00	7,040
	- L1A - Pot light	12	No	160.00	1,920
	- L2 - wall mounted light	11	No	190.00	2,090
	- L4 - Fluorescent	52	No	220.00	11,440
	- L5 - Fluorescent	99	No	190.00	18,810
	- L5A - Fluorescent	44	No	250.00	11,000
	- L7 - Chandiliar	2	No	450.00	900
	- L8 - Fluorescent	4	No	220.00	880
	- Exit light	25	No	180.00	4,500
	- Condit and wiring	293	No	110.00	32,230

2	Battery backup to emergency light	85 No	250.00	21,250
3	Lighting control	1 Sum	25,070.00	25,070
	- Occupancy sensor	80 No	190.00	15,200
	- Single pole switch	55 No	120.00	6,600
	- VC	10 No	180.00	1,800
	- Water proof disconnect switch for devices	7 No	210.00	1,470

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C22	Lighting, Devices & Heating	<b>Total : \$</b>	17900 Sq.ft	7.66	137,130
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C23 Systems & Ancillaries

1	Fire Alarm - Detection	1 Sum	10,035.00	10,035
	- Heat detector	1 No	195.00	195
	- Smoke detector - ceiling mounted	14 No	280.00	3,920
	- Smoke detector - duct mounted	10 No	280.00	2,800
	- Pull station - wall mounted	8 No	300.00	2,400
	- Pull station - wall mounted / waterproof	1 No	320.00	320
	- Tamper switch	2 No	200.00	400
2	Fire Alarm - Notification	1 Sum	12,105.00	12,105
	- Strobe light - wall mounted	9 No	275.00	2,475
	- Fire alarm horn / strobe light - wall mounted	30 No	310.00	9,300
	- Fire alarm horn / strobe light - wall mounted / waterproof	1 No	330.00	330
3	Fire Alarm - Control	1 Sum	9,650.00	9,650
	- Fire Alarm Control Panel (FACP)	1 No	900.00	900
	- Fire Alarm Relay Panel - AC Shutdown	10 No	450.00	4,500
	- Fire Alarm Terminal Box	3 No	1,000.00	3,000
	- Locable Fused Disconnect Switch	1 No	500.00	500
	- Remote Annunciator (RAN)	1 No	750.00	750

4	Fire alarm system testing	1 Sum	5,000.00	5,000
5	Electrical communication system	1 Sum	6,700.00	6,700
	- Data / voice outlet	12 No	200.00	2,400
	- Conduit and wiring for telecommunication system	1 Sum	1,800.00	1,800
	- Conduit and wiring for data system	1 Sum	2,500.00	2,500
6	Allow for telecommunication control system	1 Sum	2,000.00	2,000
C23	Systems & Ancillaries	<b>Total : \$</b>	17900 Sq.ft	2.54
				45,490

D1	SITE WORK	Quantity	Unit rate	Amount
D13	Electrical Site Services			
1	Exterior water proof wall mounted light	6 No	350.00	2,100
2	Pole light with pole	16 No	600.00	9,600
3	Wiring and conduiting	22 No	200.00	4,400
D13	Electrical Site Servies	<b>Total : \$</b>	1 Sum	16,100.00
				16,100

D2	ANCILLARY WORK	Quantity	Unit rate	Amount
D21	Demolitions			
1	Demolish existing concrete staircase and modify existing slab and make good	50 s.ft	20.00	1,000
2	Demolish existing roof slab - assume not required	5,850 s.ft	-	-
3	Remove existing roof covering and cleaning for new above building	5,850 L.ft	4.50	26,325
4	Demolish existing parapet wall, 3'4" approximate high	489 L.ft	8.00	3,912
5	Sawcut and create opening in existing slab for elevator opening c/w modify edges	2 Loc	900.00	1,800
6	Sawcut and excavation in existing cellular floor slab for elevator pit c/w modify edges	1 Loc	1,500.00	1,500
D21	Demolitions	<b>Total : \$</b>	1 Sum	34,537.00
				34,537