



ROBERT B. SAMUELS INC.

Electrical Contractors

August 19, 1998

Ambassador Construction
317 Madison Avenue
New York, NY 10017

Attn: Mr. Martin Schneider

Re: Mayor's Office of Emergency Management
Bulletin #1 dated 7/24/98

Serial
Number

Description

1. Installation of Graphic annunciator panel see Note ~~#6~~ ¹⁶
Drawing #E1-23 (FBO).
Also including the following:
 - A) Furnish & install wiring from ATS #1 to Graphic panel at 23rd floor 4#14 3/4" conduit. Control wiring from ATS 2 through 9 to generator control panel is already included in our base bid. Additional cabling from ATS 2 through 9 to Graphic panel is being claimed under this item.
 - B) Generator switchgear GS-7 to Graphic annunciator. These wires will run in one conduit in 2" conduit (rigid galvanized in Mechanical Room & riser & EMT in open space). 4#14 per each breaker.
 - C) 500KW generator sets. Maximum number of wires are 6#14. These wires will also run in the same 2" conduit as described under Item B.
 - E) Panel EPH-23. Maximum number of wires are 4 #14 per breaker to Graphic annunciator panel. To furnish and install one normally open and one normally closed auxiliary contact in each switch as per Note #25, Drawing #E3.01.
 - F) Core drilling from 7th floor to 23rd floor.

Price: \$ 107,900.00

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2. Leak detection system as per Drawing #E1-23.

Price: \$ 28,175.00

3. Hurricane Dampers furnished and installed by others. As discussed with the engineer by telephone on 8/17/98, north wall to have 13 bays, 4 dampers per bay and west wall 6 bays, 2 dampers per bay. As per Drawing M1-23 and Sketch #FSK-6 dated 8/13/98, there are approximately 22 Hurricane dampers. 10 dampers to be connected to one circuit, and each damper assumed to be 100 watt 100V. A total of 9 circuits to be connected to the Asco #917, 9 poles and feeder to the new Asco # 917 from panel ELP-23B1 and to be installed within the same closet. Also to furnish and install override switch in watch command station desk with indicator light to be operated manually. As confirmed by the engineer, these dampers are not supposed to be tied to fire alarm Class "E" system.

ALTERNATE - 68 DAMPERS IN HURRICANE WALL - 65,250

Price: \$ 87,050.00

21,800 IN DET WORK

4. To furnish and install auxiliary contacts in each circuit breaker of switchboard EDPH-23 as per Drawing E3.01, Note #25 dated 7/24/98. Cost of wiring from each circuit breaker to the Graphic annunciator is included under the Graphic annunciator above. Please see Item #1.

Price: \$ 1,600.00

5. To change switchboard EDPH-23 from switch fuse to circuit breakers panel due to the space problem, as discussed with the engineer.

Price: \$ 11,740.00

6. To change the interrupting capacity of Panel EDPH-23M from 65KA to 100KA.

Price: \$ 7,080.00

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7. To furnish, install and wire additional fire alarm devices as per revised Drawing E4-03 dated 7/24/98.

Price: \$ 3,205.00

8. To provide and install additional circuit breakers to Panel EHP-1 and ELP-23W as advised by the engineer.

Price: \$ 1,360.00

9. To upgrade the size of ground conductor to 1 #2 in 1-1/4" conduit as per Drawing #E3-01 dated 7/24/98.

Price: \$ 3,690.00

- ~~10. To furnish and install plugmold outlets 6 inches on center in lieu of 12 inches on center as per Sketch #FSK-7 dated 8/14/98.~~

~~Price: \$ 1,280.00~~

- ~~11. To furnish and install 13 A.V. outlets, assumed one inch stub ups as per Sketch #FSK-8 dated 8/17/98. A.V. cabling and termination by others.~~

~~Price \$ 1,830.00~~

- ~~12. Sub feeds to surge protector at 23rd floor and roof as per sketch #FSK-E1 & FSK-E2 dated 8/13/98.~~

~~Price \$ 2,460.00~~

- ~~13. Change size of wiring from 3 #10, 3/4" to 3 #6 & 1 #8 1-inch diameter conduit. Difference claimed, see sketch #FSK-F1 dated 8/13/98.~~

~~Price: \$ 735.00~~



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If you have any questions, please do not hesitate to call.

Very truly yours,

ROBERT B. SAMUELS INC.

Gary A. Fishbone
Project Manager

GAF:rr