

SAN FRANCISCO MEDICAL OFFICE BUILDING
FIRE ALARM/LIFE SAFETY PROPOSAL

FIRE ALARM BUDGET PROPOSAL

PROJECT NAME: SF MEDICAL OFFICE BUILDING
Floors 1 through 7

San Francisco, CA

PROJECT SCOPE: Furnish labor, material and other applicable resources to install a fully functional Fire Alarm/Life Safety System in accordance with all local San Francisco Codes at the San Francisco Medical Office Building. This includes installation of all raceways, conductors and necessary supports. Permitting, programming, engineering and drawing costs are included, and are broken out below.

PROJECT INVESTMENT: Convergent Technologies proposes to provide the services and scope identified in this proposal for a lump sum investment of:

PROPOSED AMOUNT

Construction Fees	\$714,420.00
Engineering/Permitting Fees	\$185,700.00

We are proud to be a certified SBE Company. Certification available upon Request.

This project is bid per the CBC 2010 code with a Class A network between nodes, but all other wiring being Class B. Please see below for a list of devices included per floor.

Mechanical equipment is not included in this proposal as no mechanical drawings were provided for budget purposes. Any revisions to the mechanical system will incur a cost impact on the project.

Each floor (except the 1st) is provided with an additional 40-watt amplifier to accommodate the audio portion of the notification devices. The amplifiers for floors 2 through 4 will be installed in the existing FACU located in the FCC. The amplifiers for floor 5 through 7 will be installed in a new node to be located adjacent to node 3 located on the 7th floor. The cost for this node is distributed evenly across the floor break outs.

All node and booster power supplies are set up for seismic certification.

FIRE ALARM EQUIPMENT LIST: 1st Floor

- 1 Addressable smoke detector
- 1 ADA speaker strobe
- 1 Shop drawings and submittals – engineering stamp included
- 1 Check and test assistance
- 1 Final inspection assistance
- 1 Freight and taxes

FIRE ALARM EQUIPMENT LIST: 2nd Floor

- 2 Addressable smoke detectors
- 1 Addressable control relays for door holders
- 1 Addressable switching modules for sync on boosters
- 3 Booster power supplies
- 67 ADA speaker strobes
- 7 Ceiling mount speakers
- 6 ADA Strobes
- 0 Door holders – (2 anticipated) FBO
- 1 Shop drawings and submittals – engineering stamp included
- 1 Check and test assistance
- 1 Final inspection assistance
- 1 Freight and taxes

FIRE ALARM EQUIPMENT LIST: 3rd Floor

- 3 Addressable smoke detectors
- 1 Addressable switching modules for sync on boosters

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3	Booster power supplies
51	ADA speaker strobes
22	Ceiling mount speakers
30	ADA Strobes
0	Door holders – (2 anticipated) FBO
1	Shop drawings and submittals – engineering stamp included
1	Check and test assistance
1	Final inspection assistance
1	Freight and taxes

FIRE ALARM EQUIPMENT LIST: 4th Floor

3	Addressable smoke detectors
1	Addressable switching modules for sync on boosters
3	Booster power supplies
94	ADA speaker strobes
3	Ceiling mount speakers
45	ADA Strobes
0	Door holders – (2 anticipated) FBO
1	Shop drawings and submittals – engineering stamp included
1	Check and test assistance
1	Final inspection assistance
1	Freight and taxes

FIRE ALARM EQUIPMENT LIST: 5th Floor

3	Addressable smoke detectors
1	Addressable switching modules for sync on boosters
3	Booster power supplies
66	ADA speaker strobes
18	Ceiling mount speakers
33	ADA Strobes
0	Door holders – (2 anticipated) FBO
1	Shop drawings and submittals – engineering stamp included
1	Check and test assistance
1	Final inspection assistance
1	Freight and taxes

FIRE ALARM EQUIPMENT LIST: 6th Floor

2	Addressable smoke detectors
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- 1 Addressable switching modules for sync on boosters
- 3 Booster power supplies
- 57 ADA speaker strobes
- 11 Ceiling mount speakers
- 31 ADA Strobes
- 1 Shop drawings and submittals – engineering stamp included
- 1 Check and test assistance
- 1 Final inspection assistance
- 1 Freight and taxes

FIRE ALARM EQUIPMENT LIST: 7th Floor

- 1 EST-3 Node – Class A audio and network
 - 3 Distributed amplifiers
 - 1 Backup amplifier
- 2 Addressable smoke detectors
- 1 Addressable switching modules for sync on boosters
- 3 Booster power supplies
- 69 ADA speaker strobes
- 3 Ceiling mount speakers
- 30 ADA Strobes
- 1 Shop drawings and submittals – engineering stamp included
- 1 Check and test assistance
- 1 Final inspection assistance
- 1 Freight and taxes