



TECHNOLOGY CONSULTANTS IN TELECOMMUNICATIONS, AUDIOVISUAL & ACOUSTICS

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October 20, 1999

Martin Schneider
Ambassador Construction Co. Inc.
317 Madison Avenue
New York, New York 10017

**Re: Office of Emergency Management
SM&W Proposal # 99-669**

Dear Glenn:

After our meeting last week with DOT and yourself we reviewed the current systems configuration and have determined that;

- A limited number of cameras are available at DOT (roughly 24 in Manhattan only)
- Of the 24 only 8 at any given time can be available
- The cameras shared off-site are also sent to 1 Police Plaza
- Control of the cameras is via a telephone call to DOT in Long Island City
- Selecting images is also a telephone call to DOT
- Altering the quantity of images, and their control, would require the design and implementation of a cable infrastructure throughout the entire city
- Additional cameras could be added (ie: Times Square) if required

Additional cameras exist, however New York State (located across the corridor from DOT) has no way to share them given the current situation. The cameras are deployed on the highways, looking at construction sites for the most part.

Another set of cameras exist, they are within the INFORM network, which we believe covers Long Island highways and is headquartered in Hauppauge.

To address the specifics of DOT, currently it is believed by DOT that a cable loop runs within a block of 7WTC. If in fact that is true then a feed can be pulled from that manhole into 7WTC, and assuming a wireway is available from the street, up to OEM. If a wireway does not exist we would work with Ambassador and the building to develop one.

In addition to accommodating the DOT system, 18 camera feeds from the Coast Guard via 3 - T1 lines will be available. Our understanding is that these will also be brought to the OEM site by others and are also to be integrated into the existing system. Once it is in the OEM area some modifications must be done to the existing audiovisual system to accommodate these additions.

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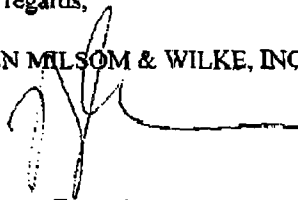
The changes to the existing system amount to adding additional tuners, demodulators, possible CODECS (dependent on how the Coast Guard signals are delivered), some peripheral equipment, effectively adding additional television channels to the current system, as well as some changes to the existing control system to accommodate the new channels.

Shen Milsom & Wilke, Inc. will provide all design documentation required for an audiovisual contractor to implement the proposed system, providing drawings and specifications as required as well as construction reviews, meeting attendance, test and accept the final implementation. Our Design Fee to accommodate these changes, which considers that DOT is correct with the assumption that there is a cable within a block or so of 7 WTC, and that DOT will deal with the additional cameras and integration into there system the Times Square Cameras, is \$17,750.

Shen Milsom & Wilke, Inc. is pleased to be a part of the OEM Project Team and is looking forward to a continuing relationship. Should you have any questions please feel free to contact either Peter Stern or myself at your earliest convenience.

Best regards,

SHEN MILSOM & WILKE, INC.



J. Steven Emspak
Principal

Shen Milsom & Wilke, Inc.