



William F. Martin
Mayor

GREENFIELD, MASSACHUSETTS

PURCHASING DEPARTMENT

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RFP 16-01 **INSTALLATION OF PILOT WIRELESS NETWORK** **ADDENDUM #3**

The following questions and answers are provided to all prospective bidders:

Q: Please identify routing on the existing 48 SM fiber that runs from the fire department to Sanderson Street. In this can you include locations of slack loops and splice cases?

A. A Town owned fiber network was built to connect 20 Sanderson Street to the Greenfield Fire Station located at 412 Main Street lashed to the aerially mounted fire alarm cable owned by the Town of Greenfield. The installation of this fiber cable included the installation of a quarter inch (.25") messenger cable to which an existing Municipal Fire Alarm cable and the new fiber optic cable was attached. The actual route of this fiber optic is as follows:

- Sanderson Street east to High Street. (Aerial on Phone Poles)
- High Street south to Church Street. (Aerial on Phone Poles)
- Church Street west to Franklin Street. (Aerial on Phone Poles)
- Franklin Street south to Hayburne Building rear entrance (actual address is 55 Federal Street) (Aerial on Phone Poles)
- Continue across the Hayburne Building Lawn across Hayburne Building Parking Lot south to Fire Station (Aerial on Phone Poles)

The measured distance is 5800 feet which includes enough slack for four 100 ft slack loops. For the sake of clarification the actual measured distance between the two sites is 5200 ft. The extra 600 ft represents the length required to accommodate slack loops and termination. 24 strands were terminated at each site for a total of 48 terminations.

The contractor who carried out this fiber build is: FiberTech Services, Inc. 15 Windle Avenue, N. Grafton MA 01536, 508-839-4742. Responding contractors are encouraged to contact FiberTech Services to verify the above statements and services performed.

Q. Can you highlight on the map the end to end placement of new SM fiber and power to be run by the town electrician?

A. The Town will coordinate the Main Street fiber build and power supply with the awarded contractor. A slack loop will be at the base of each light post on the Main Street route.

Q. Can you highlight on the map which sections have cobra head lights and which are decorative poles?

A. All Poles along Main Street are decorative light poles. All Poles along High Street are electric/phone Poles managed by EverSource (formerly Western MA Electric Company) and have Cobra heads.

Q. Can the town's installation of new fiber be coordinated with the awarded contractor in order to leave slack and splice points where APs are to be deployed?

A. Yes, the Town will coordinate with the awarded contractor. A slack loop will be at the base of each light post on the Main Street route.

Q. Can you provide a data sheet on loading requirements on light arms of wood poles?

A. The load is unknown. If contractor's proposed equipment greatly exceeds the weight of industry standard Access Points (15-20lbs), contractor may want to include a brace from the cobra arm to the Pole."