

TOWN OF MANSFIELD, CONNECTICUT

REQUEST FOR PROPOSAL

FIBEROPTIC CONNECTION

SUBMISSION/CONTACT ADDRESS

Town of Mansfield
Attn: Jaime Russell (IT Director)
4 South Eagleville Road, Storrs, Connecticut 06268
itdept@mansfieldct.org

Proposals will be accepted in electronic or print format.

Purpose

In phase one, the vendor will provide a point-to-point fiber optic connection for Station 307. In phase two, the vendor will provide the same for Station 107.

Core Components

The vendor can meet project purpose by one of the two methods below:

- The vendor can act as a utility provider and retain ownership of the fiber with guaranteed 20-year access to the Town. In this case, the vendor owns responsibility for any repairs to the fiber over the 20-year period. It must be a minimum of 2 strands (1-pair) of single mode fiber. The access given to the Town for the 20-year period can either be dark fiber or it can be lit fiber at a minimum of 1 gigabit bandwidth. If the vendor chooses to supply lit fiber the vendor shall be responsible for providing suitable networking equipment, acceptable to the Town, to provide the handoff between the Town's networking equipment and the lit fiber. The vendor shall not dictate what protocols or data the Town can run on the fiber with the exception of optionally limiting the bandwidth to 1 gigabit if desired by the vendor. If the vendor chooses to limit the bandwidth, this must not prohibit the Town from using any Ethernet network protocols such as vlans, jumbo frames, and Hewlett Packard ProCurve switches.

Or

- The vendor can provide this as dark fiber that will be owned by the Town, with the Town responsible for any repairs to the fiber in the future after a one-year warrantee period. It must be a minimum of 12 strands (6-pair) of terminated single mode fiber with appropriate slack to allow for future repairs if needed.

The Town of Mansfield will specify the termination location at the Mansfield Town Hall, Station 307, and Station 107.

The vendor will be responsible for all building penetrations and terminations. SC connectors will be used for the terminations at the Town Hall, Station 307, and Station 107. The vendor will supply all labor and materials (conduit, fiber, termination boxes at the Town Hall, Station 307, and Station 107, SC connectors, etc.).

The vendor will be responsible for testing each pair of fiber to confirm it is properly terminated. Written test results will be provided to the Town of Mansfield. The installation of the fiber and terminations will adhere to accepted industry practices, in particular the appropriate TIA/EIA 568-C standards for fiber-optic cabling and adhere to any legal building code requirements.

Background

The Town of Mansfield, Connecticut occupies 45.5 square miles, has a population of 13,000 year-round, and is located in the northeastern corner of the state, approximately 25 miles east of Hartford. The town operates under the council-manager form of government, with a nine-member elected town council functioning as the legislative and policymaking body, and an appointed town manager serving as the chief executive officer of the municipal corporation.

Proposal Submission Requirements

Vendors can submit proposals in either paper or electronic format. Proposals submitted in paper format should include one copy. Vendors may use formats of their own choosing for proposals.

Proposals can be submitted to the following paper or electronic contact address:

Town of Mansfield
Attn: Jaime Russell (IT Director)
4 South Eagleville Road, Storrs, Connecticut 06268
itdept @ mansfieldct.org

Questions about the proposal process should be directed to itdept @ mansfieldct.org.

The Town does not expressly state or imply any obligation to reimburse responding applicants for any expenses incurred in preparing submissions in response to this request. The Town reserves the right to reject any or all submissions, to select an applicant in a manner that is advantageous to the Town, and to waive all formalities in the bidding. The selected firm is expected to meet relevant state and federal legal requirements. The Town of Mansfield is an equal opportunity employer.