

IP Telephony and Voicemail System
Town of West Newbury
Addenda

RFP# 2024-WN-003

Town of West Newbury
381 Main Street
West Newbury, MA 01985

ADDENDUM #9

Notice to all prospective bidders.

Addendum #9 released Wednesday April 17th, 2024

Proposal Submittal Deadline: Wednesday April 24th, 2024 at 10:00 A.M

Q1. Would the town entertain a hybrid solution meaning, the use of IP phones where applicable using existing network infrastructure (Police and Library) and digital phones at Town Hall. This will save the Town a ton of money from having to re-cable.

A1. The Town is looking for a cloud solution that does not have a significant on-premise server requirement. We require the new cabling in the town offices because we are relocating all communication/data services to the basement to a secured area. The phone system throughout the three locations should be unified and all on the same platform/system and not on separate multiple phone systems with multiple central management interfaces.

Q2. What fiber type is to be installed from the basement MDF to the proposed second floor IDF, OM3, OS2?

Q3. What termination type on the fiber is required?

A2/3. The Town is depending on the expertise of the cabler and phone installer to know their equipment and how to accomplish the request. That being said, we will need fiber from basement to 2nd floor for two separate switches on two separate networks. One of those fibers will be for the data and one for the phone, there should be other strands for backups in the case we have issues. We plan on making this a 10GbE (speed) run with the appropriate SFP transceiver installed in each switch for the data side. The phone system network will not require 10GbE. Multimode fiber (MM) is common in shorter runs but we need a 10GbE capable run. The two should be the same fiber type. This is where a fiber installer comes in and tells us what we need. It should be MM OM3 fiber or better to support faster 10GbE speeds over the distance to the second floor. Singlemode fiber is bigger and faster over longer distances but more expensive. We are trying to stay with MM fiber to reduce costs but the 10GbE speed requested with that distance will be at the discretion of professional installer. Again, we're really relying on an expert to provide the correct solution.

-End of Addendum-