

Town of Westford, MA

2012 Upgrade to the fire protection/ security alarm systems at the Westford Museum and Museum Cottage buildings

The **Town of Westford** is seeking proposals and pricing to upgrade the fire protection/ security alarm systems at the Westford Museum and Museum Cottage buildings, located at 2 and 4 Boston Road, Westford, MA. The work in both buildings shall be included in one contract. Site visits are by appointment only. To ask a question or arrange a site visit, please call or email Bill Kenison, Westford Facilities Technician at 978-399-2552, bkenison@westfordma.gov. Proposals should be mailed to Westford Engineering Department, attention Bill Kenison, at 28 North Street, Westford, MA 01886-2597, or emailed to bkenison@westfordma.gov by 12/30/2011. The Westford Board of Selectmen is the awarding authority for this contract. The Town reserves the right to accept or reject any or all proposals and to waive informalities if deemed in the Town's best interest to do so.

Scope of Work and General Conditions

1. The selected contractor will be required to supply all labor, materials, and other incidental items required for two complete working fire/security alarm systems as described in this document.
2. System programming and testing, as well as end user training shall be included in this contract.
3. Contractor must submit certified payroll records pursuant to state law providing proof of payment of the appropriate prevailing wages.
4. Contractor will be required to provide proof of liability and workers compensation insurances.
5. Contractor must enter into a formal contract with the Town.
6. Contractor must provide all manufacturers warrantees in writing.
7. Contractor must provide a complete system warranty in writing covering all materials, labor and installation for a period of twelve (12) months following final Westford Fire Department system acceptance.
8. All system design and workmanship must meet industry standards and compliance with all applicable codes.
9. The present alarm system is monitored by a dial-up central alarm service. The Town intends to maintain this service. There is no central office monitoring included in this proposal and/or contract.
10. The contractor is responsible for obtaining all required permits and inspections.

Museum building requirements

- 1) Replace existing alarm control with a new master fire/security control panel capable of contacting the Westford Fire department by radio and contacting a central monitoring service by phone line. The new panel should include a battery back-up, transformer, and radio box. Reconnect all existing fire/safety/security sensors to the new panel, including but not limited to;

high water alarm, low temperature sensor, external audible alarm, pull stations, heat detectors, smoke detectors, window sensors, door sensors, annunciators, etc.. Set up a minimum of one fire zone for each level and a minimum of six security zones. Access monitoring function shall provide for twelve individual access codes and searchable data files.

- 2) Replace existing keypad with a new alphanumeric keypad with built-in panic, fire, and medical emergency buttons.
- 3) Replace four (4) existing smoke detectors with new smoke detectors and connect to new alarm panel. Existing smoke detectors are located in basement (1), first floor (1), and second floor (2).
- 4) Install six (6) new location smoke detectors and connect to new alarm panel. New smoke detectors should be located as follows; basement (2, boiler room and rear of main room), first floor (3, lobby, toilet and front of main room), second floor (1, front of main room).
- 5) Install three (3) new horn/strobe units, one each in the main room of the basement, first floor and the second floor.
- 6) Install three (3) new strobe units, one each in the first floor restroom, first floor lobby, and second floor lobby.
- 7) Install one (1) new ceiling mount motion detector in the first floor lobby.
- 8) Install one (1) new Knox box with tamper sensor to provide Fire Department access to building keys.

Museum Cottage building requirements

1. Replace existing alarm control with a new master fire/security control panel capable of contacting the Westford Fire department by radio and contacting a central monitoring service by phone line. The new panel should include a battery back-up, transformer, and radio box. Reconnect all existing fire/safety/security sensors to the new panel, including but not limited to; external audible alarm, heat detectors, smoke detectors, window sensors, door sensors, annunciators, etc.. Set up a minimum of one fire zone for each level and a minimum of four security zones. Access monitoring function shall provide for twelve individual access codes and searchable data files.
2. Replace existing keypad with a new alphanumeric keypad with built-in panic, fire, and medical emergency buttons.
3. Replace four (4) existing smoke detectors with new smoke detectors and connect to new alarm panel. Existing smoke detectors are located in basement (1), first floor (1), and second floor (2).
4. Install seven (7) new location smoke detectors and connect to new alarm panel. New smoke detectors should be located as follows; first floor (4, storage, office, kitchen, meeting room), and second floor (3, bath, storage, office).
5. Install three (3) new horn/strobe units, one each in the basement, first floor and the second floor.
6. Install two (2) new fire pull stations at the first floor front and rear entrances.
7. Install and connect to panel one (1) new low temperature alert sensor on the first floor.
8. Install and connect to panel one (1) new water sensor in the basement to detect flooding.
9. Install and connect to panel two (2) new motion sensors on the second floor.