

**Statement of Work
Fire Alarm System Services
VA San Francisco Health Care System**

Section 1: General Information

1.1 General: This is a non-personal services contract to perform a variety of services related to the fire alarm system at the VA San Francisco Health Care System (VASFHCS). The Government shall not exercise any supervision or control over the contract service providers performing the services herein. Such contract service providers shall be accountable solely to the Contractor who, in turn is responsible to the Government.

1.2 Period of Performance:

Base Year:	January 1, 2018 through December 31, 2018
Option Year #1:	January 1, 2019 through December 31, 2019
Option Year #2:	January 1, 2020 through December 31, 2020
Option Year #3:	January 1, 2021 through December 31, 2021
Option Year #4:	January 1, 2022 through December 31, 2022

1.3 Place of Performance:

VA Medical Center 4150 Clement Ave San Francisco, CA 94121	Transitional Housing 1627 Lombard Street San Francisco, CA 94123	Transitional Housing 994 Burnet Street San Francisco, CA 94131
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1.4 Type of Contract: The government will award a Firm Fixed Price contract.

1.5 Hours of Operation: Contractor shall perform all scheduled maintenance services during regular business hours defined as 7am to 3:30pm, Monday through Friday excluding Federal Holidays.

1.6 Invoicing: All invoices from the contractor shall be submitted electronically in accordance with VAAR Clause 852.232-72 Electronic Submission of Payment Requests.

VA's Electronic Invoice Presentment and Payment System – The FSC uses a third-party contractor, Tungsten, to transition vendors from paper to electronic invoice submission. Please go to this website: <http://www.tungsten-network.com/US/en/veterans-affairs/> to begin submitting electronic invoices, free of charge.

More information on the VA Financial Services Center is available at <http://www.fsc.va.gov/einvoice.asp>.

Vendor e-Invoice Set-Up Information:

Please contact Tungsten at the phone number or email address listed below to begin submitting your electronic invoices to the VA Financial Services Center for payment processing, free of charge. If you have question about the e-invoicing program or Tungsten, please contact the FSC at the phone number or email address listed below:

- Tungsten e-Invoice Setup Information: 1-877-489-6135
- Tungsten e-Invoice email: VA.Registration@Tungsten-Network.com
- FSC e-Invoice Contact Information: 1-877-353-9791
- FSC e-invoice email: vafscshd@va.gov

Section 2: Definitions & Acronyms

2.1 Definitions:

Contractor. A supplier or vendor awarded a contract to provide specific supplies or service to the government. The term used in this contract refers to the prime.

Subcontractor. One that enters into a contract with a prime contractor. The Government does not have privity of contract with the subcontractor.

Work Day. The number of hours per day the Contractor provides services in accordance with the contract.

Work Week. Monday through Friday, unless specified otherwise.

2.2 Acronyms:

ASH RAE	American Society of Heating, Refrigerating and Air-Conditioning Engineers
CLC	Community Living Center
COR	Contracting Officer Representative
LTCI	Long Term Care Institute
NEC	National Electrical Code
NICET	National institute for Certification in Engineering Technologies
SOW	Statement of Work
NFPA	National Fire Protection Association
VA	Veterans Affairs
VASFHCS	Veterans Affairs San Francisco Health Care System

Section 3: Government Furnished Property, Equipment, and Services

The Government will provide the parts and labor for the repair work outside of work related to the control panel. The Contractor will be required to notify the Government when repairs are needed. The contractor will also be required to inspect and ensure that the repaired equipment is correctly functioning with the control panel. Any reprogramming work related to repairs will be the responsibility of the Contractor.

Section 4: Contractor Furnished Items and Services

The Contractor shall provide all equipment, supplies, management, supervision, personnel, and transportation necessary to assure that all services are in accordance with the contract and all applicable laws and regulations. The contractor shall ensure all work meets performance standards specified in this Statement of Work (SOW) and referenced documents.

Section 5: Specific Tasks

5.1 The Contractor shall provide the following in support of the fire alarm system at the VASFHCS:

- A. Fire alarm system testing
- B. Inspection services
- C. Reporting services
- D. 24-hour monitoring service
- E. Reprogramming services for the VASFHCS (listed under separate line item in price schedule)
- F. Emergency response services (listed under separate line item)
- G. Installation of new equipment (listed under separate line item)
- H. Training (listed under separate line item)

5.2 This Statement of Work also includes control panel repairs. In the event that a control panel goes down, the vendor will provide the VASFHCS a quote for the repairs and the work will be completed through a contract mod under the scope of this contract.

5.3 Fire Life Safety System Testing and Inspection will be conducted in compliance applicable codes and regulations. Vendors should be familiar with National Fire Protection Association (NFPA) 72, NFPA 731, currently adopted edition, Joint Commission, and Long Term Care Institute (LTCI) code requirements. The LTCI codes are only applicable for the Community Living Center (CLC).

5.4 There is an existing campus-wide Johnson Controls Fire Alarm System at the San Francisco Medical Center and Siemens Fire Alarm panel in Bldg. 41.

5.5 The quarterly testing and inspection service must conform to current edition of NFPA 72.

5.6 The inspections will determine if the system is functioning properly and operating according to the manufacturer's requirements. The equipment will also be checked for damage, misalignment and proper connections. Problems encountered will be immediately documented and brought to the attention of the Contracting Officer's Representative (COR).

5.7 Contractor shall test all fire alarm systems campus wide including Buildings:

1, 2,3,4,5,6,7,8,9, 10,11,12,13,14,16,18, T-19, 22, 24, 30,31,33,41, 42, ,200, 203, 204,205, 207, 208, 209, 210, 211 Parking Garage, 212 Parking Garage.

5.8 Contractor shall test one fire alarm panel at transitional housing locations listed in section 1.3.

5.9 Contractor shall test and inspect the following equipment according to NFPA 72:

- A. Fire Alarm Control Panels, w Battery
- B. Fire Alarm Voice Evacuation Panels, Supervisory
- C. Auxiliary Field Module Devices
- D. Control Field Modules, Indicating
- E. Initiating Field Devices
- F. Notification Field Devices
- G. Manual Alarm Stations
- H. Smoke Detectors

- I. Heat Detectors
- J. Duct Smoke Detectors
- K. Water flow Devices
- L. Tamper Switches
- M. Power Supplies
- N. Strobes
- O. Speakers
- P. Voice Evacuation
- Q. Batteries & Fire Alarm System components.

5.10 All tasks will be performed using qualified Fire/Life Safety service personnel that are third party certified by National institute for Certification in Engineering Technologies (NICET).

5.11 Contractor shall provide detailed plan and follow the schedule of testing listed in attachment #1, including Buildings and devices two weeks before any testing begins.

5.12 Contractor shall provide both electronic copies and (3) three binders of all Test & Inspection detailed reports to COR. Contractor will notify the COR of any deficiencies in need of repair within 24-hour period of inspection.

5.13 All replacement equipment, materials, and installation must be compliant with the most current and stringent Seismic, NFPA, American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASH RAE), Life Safety, National Electrical Code (NEC), and VA standards and specifications.

5.14 Table 1: Fire Alarm Equipment

Equipment	Services
Manual Alarm Stations	Annual
Smoke Detectors	Annual
Heat Detectors	Annual
Duct Detectors	Annual
Water flow Devices	Semi-Annual
Tamper Switches	Semi-Annual
Power Supplies	Semi Annual
Speaker/Strobe	Annual
Speakers	Annual
Strobes	Annual
Fire Alarm Control Panel	Annual

5.15 Device Testing

- A. Manual Pull Stations: All stations shall be functionally tested through the system for alarm and proper supervision.
- B. Smoke Detectors: All detectors to be tested functionality through the system for alarm and supervision

- C. **Water flow Devices:** Flow switches are tested by means of inspectors test valve for provision to indicate the flow of water sprinkler system by an alarm within 90 seconds after flow of water at alarm initiating device equal to or greater than from a single sprinkler head.
- D. **Tamper switches:** Valve tamper switches are operated and signal receipt is verified to be within the first two revolutions of the hand wheel or within one-fifth travel distance.
- E. **Audible/ Visual Notification Appliances:** All units to be tested through the system. All audible units will be activated to verify audibility and coverage. Visual units will be put into alarm to verify proper operation and coverage.
- F. **Fire Alarm Control Unit:** Test will be conducted to verify communication between interface panels, central supervising unit, and peripheral devices used to provide control or annunciation functions. Each signaling line circuit, including those on which addressable devices operate, will be tested for reporting capability by operating initiating devices connected. Test will be conducted to verify all status modes. Contractor will verify that each test signal is properly received and processed by central control unit and peripheral devices providing control and annunciation functions.

5.16 Operational Uptime Requirements: It is the intent of the VA to maintain the Fire System in an operable condition as much as reasonably possible. When repairs are performed by VA staff, the contractor must perform the inspection and ensure operability with the control panel. The inspection for initiating devices such as manual pull stations, smoke detectors, heat detectors, duct detectors, etc. must be performed within 48 hours after being notified by the COR. Inspections for all other devices must be performed within 7 calendar days after being notified by the COR.

5.17 Response Time: The Contractor must respond by phone within two hours. In the event of an emergency scenario, the contractor must respond onsite within 8 hours after notification from the COR or designated representative.

5.18 Proprietary Access: The reprogramming work requires proprietary access from the manufacturer, Johnson Controls. The Contractor must demonstrate how they will be able to accomplish the work under these circumstances.

5.19 Damage or Removal: In the event of damage or removal of Fire System components during construction projects within VASFHCS, the construction Contractor responsible for the damage or removal will carry the burden of ensuring system integrity.

5.20 Service Report: The Contractor will report to the COR briefly going over the work that was performed and provide a service report for the VA to acknowledge their presence for that day before the technician leaves the facility.

5.21 Maintenance & Upgrades:

- A. VA Engineering will have full access to the hardware and software that constitute the system, including any diagnostic software features and general admin rights.

- B. The VA Engineering COR must be briefed by the Contractor on all software upgrades and changes. The contractor shall provide and install software upgrades and changes required for non-obsolescence at no additional charge.
- C. During normal working hours the vendor shall respond within four (4) hours via phone and (if required) within twenty-four (24) hours on site after being called by the COR or his/her designee. The contractor will provide 2 sets of user manuals and technical manuals to VA Engineering.

5.22 Training: The contractor shall provide 32 hours training to VA personnel. The training will consist of informal sessions with VA staff covering topics of system operability, general troubleshooting, software updates, etc. The training will be covered under a separate line item in the price schedule to be used as needed up to 32 hours.

Section 6: Attachments

- Attachment #1 Schedule of Testing
- Attachment #2 Device Count
- Attachment #3 Wage Determination