

STATEMENT OF WORK
FOR
FIRE ALARM SYSTEM
LOCATED AT
CORPORAL MICHAEL J. CRESCENZ
VETERAN'S AFFAIRS MEDICAL CENTER

SECTION 1 GENERAL CONDITION

1.1. LOCATTON

The site of work is Corporal Michael J, Crescenzen Veteran's Affairs Medical Center, which is located at 3900 Woodland Ave Philadelphia PA 19104.

1.2 WORK TO BE ACCOMPLISHED

1.2.1 The work consists of furnishing all labor, travel, testing, testing equipment and materials to perform all maintenance required by NFPA 72 Chapter 10 on Fire Alarm Protection Systems. The contractor shall be licensed to work on fire alarm systems manufactured by Fire Control Instruments, Gamewell/Honeywell and FCI Fire Alarm Systems. Personnel performing testing and inspections shall be NICET Level III certified inspector. Personnel performing maintenance of the system need to have a distributor that is E3 certified to do maintenance work on the system. The contractor will provide personnel as need to verify the points/contacts of systems attached to Fire Alarm Protection System; but are not limited to, Fire Control Instruments; Kitchen; Sprinkler and Clean Agent systems.

1.2.1.1 All regular maintenance is to be performed in accordance with NFPA 72 Chapter 10. The contractor will provide personnel to verify that all points/contacts monitoring on the following system listed but are not limited to: Ansul kitchen; Clean Agent systems; and any other system tied into the fire alarm system.

Campus wide equipment to be inspected and tested includes:

- * (14) Control Panel: FCI E3**
 - * (693) Smoke Detectors**
 - * (104) Heat Detectors**
 - * (138) Duct Detectors**
 - * (281) Pull Stations**
 - * (4) Fire Hat/Shunt Trip**
 - * (All) Booster Panels**
 - * (121) Door Holders**
 - * (14) Supervisory Switches**
- * (507) Addressable Monitor Module**
 - * (14) EPO**

*** (834) Audible and Visual Devices**

*** (161) Flow**

*** (221) Tamperers**

*** (147) Batteries**

*** (95) Telephone Modules**

1.2.1.2 Prior to performing any required work, a maintenance schedule will be submitted to and coordinated with the COTR, Safety Manager or Electrical Shop Supervisor. The current calendar maintenance schedule is:

February: Building 21, FM-200 system, kitchen systems and roll down doors
March: Building 1 and quarterly sprinkler testing
June: Outer (3, 5, 6, 8, 15, 28, 29 31) buildings and quarterly sprinkler testing
August: FM-200 and Kitchen systems
September: Building 30 and quarterly sprinkler testing
December: Building 2 and quarterly sprinkler testing

1.2.1.3 Two (2) days prior to the approved scheduled inspection date for regular maintenance, the contractor will contact the COTR, Safety Manager or Electrical Shop Supervisor for confirmation to ensure that the scheduled date is still acceptable.

1.2.1.4 The contractor is responsible for having their personnel cleared through VA Police and TB screening completed before performing the maintenance.

1. 3. INSPECTION REPORTS

1.3.1 As the inspection is completed, a description of the system condition, corrective measures, and any other special notes (tests conducted and maintenance work performed) are annotated on the maintenance software inspection form (for each system). The form will be electronically signed by the service technician.

1.3.2 The contractor will furnish inspection, testing and maintenance reports and recommendations with the Safety Office Department within two (2) working days of said system check.

1.4. REPAIRS, SPARE PARTS AND TEST EQUIPMENT.

1.4.1 A complete inventory of spare parts is maintained by PVAMC Electrical shop for maintenance/repair of these systems. Contractor must check any spare parts with PVAMC Electrical shop. If any are installed in the system, the Contractor will replace installed item that will meet or exceed item used.

1.4.2 All spare parts maintained by the contractor will meet or exceed conformity with National Fire Code (NFPA) Standards.

1.4.3 All equipment shall be labeled; bar coded; installed in maintenance software and listed for compliance with appropriate PVAMC standards.

1.4.4 Service technicians are to be equipped with all tools and test equipment necessary for preventive maintenance and field repair of fire protection systems and devices.

1.5 PVAMC FIRE ALARM PERMIT PROGRAM

1.5.1 The contractor will submit Fire Alarm permits to the Safety Office for approval prior to the start of any work on the fire alarm system.

1.5.1.1 Once approved by the Safety Office, the contractor will take the Fire System permit to the Electric Shop and VA Telephone Operator for system disabling.

1.5.1.2 The contractor cannot commence work until they have been notified by the Electrical Shop that the system has been disabled.

1.5.1.3 The Fire Alarm permit can be revoked at any time if provisions outlined by the Safety Office on the permit are not followed.

1.5.2 After the work is completed, the contractor shall notify the Electric Shop and VA Telephone Operator for system re-enabling.

1.5.2.1 Once the fire alarm system has been re-enabled, the contractor shall notify the Safety Office that they are completed and the status of the system.

1.5.3 At no time shall the contractor leave PVAMC without notifying the Safety Office of the status of the system and when applicable, the time of repair.

1.6. APPLICABLE STANDARDS AND REGULATORY GUIDANCE

1.6.1 The following standards will be utilized for performing work contained in this Statement of Work:

1.6.1.1 National Fire Protection Association (NFPA) Standards:
NFPA 10; 13, 15 17, 17A, 20, 25, 70, 72 and 96,

1.6.2 Technical Drawings and Construction Drawings are available in Building 5.

1.6.3 Fire Alarm System Operation and Maintenance Manual is located in the Safety Office.

1.6.4 Maintenance Software program is maintained by On-Site Software.

SECTION 2 MAINTENANCE

2.1 MAINTENANCE PROCESS

2.1.1 All maintenance shall include the technician to use a PDA provide by PVAMC.

2.1.2 The technician will shoot every device's bar code for the inspection and/or testing being conducted. He will answer all required information on the PDA and make notes in the PDA notes section if there is a discrepancy.

2.2 VISUAL INSPECTION

2.2.1 The following devices will be visually inspected semi-annual per NFPA 72, Chapter 14. The following devices are inclusive of; but not limited to, Initiating devices; Batteries; Remote Annunciators; Combination Systems and Control Equipment Trouble Signals.

2.2.2 The following devices will be visually inspected annually per NFPA 72, Chapter 14. The following devices are inclusive of; but not limited to, Control equipment; Supervising Transmitters; Remote Power Supplies and Mass Notification System.

2.3 TESTING

2.3.1 The following devices will be tested semi-annually per NFPA 72, Chapter 14. The following devices are inclusive of; but not limited to, Battery Low Voltage.

2.3.2 The following devices will be tested annual per NFPA 72, Chapter 14. The following devices are but not limited to, Control equipment, Supervising transmitters, Remote power supplies, Batteries, Initiating devices, Combination systems, Alarm notification appliances and Mass notification system.

2.4 MAINTENANCE

2.4.1 System equipment shall be maintained in accordance with the manufacturer's published instructions.

2.4.2 The maintenance frequency of system equipment shall depend on the type of equipment and the local ambient conditions.

2.4.3 Testing shall be conducted during normal PVAMC operations, unless prior approval has been granted by the Safety Office.

2.4.4 Under no conditions will testing be conducted during the hours of 10:00pm - 7:00am to insure the best possible care of VAMC patients.

2.5 REPORTS

2.5.1 Reports will be given to PVAMC Safety Office no later than two (2) days after testing and/or inspections are completed.

2.5.2 All reports shall be in the format of the Site-Specific Software system (On-Site Software) being used.