

**AMENDMENT NO. 2
FOR
FACILITY SECURITY EQUIPMENT, SYSTEMS AND SERVICES WITH RELATED
EQUIPMENT AND SUPPLIES**

This AMENDMENT is made and entered into as of the date fully executed by and between the County of Orange, a political subdivision of the State of California, (hereinafter referred to as "County") and Johnson Controls Fire Protection LP, with a place of business at 12728 Shoemaker Avenue, Santa Fe Springs, CA, 90670, (hereinafter referred to as "Contractor"), with County and Contractor sometimes individually referred to as "Party" or collectively referred to as "Parties".

RECITALS

WHEREAS, County and SimplexGrinnell LP entered into Regional Cooperative Agreement RCA-017-18010010, for Facility Security Equipment, Systems and Services with Related Equipment and Supplies, effective September 25, 2017 through June 30, 2021 (hereinafter referred to as "RCA"); and

WHEREAS, the Parties executed RCA Amendment Number One to reflect Contractor's name change from SimplexGrinnell LP to Johnson Controls Fire Protection LP as the result of a merger; and

WHEREAS, the Parties executed RCA Amendment Number Two to revise Paragraph Q, Change of Ownership, of the RCA; and

WHEREAS, County and Contractor entered into RCA Subordinate Contract MA-080-19010357 for Facility Security Equipment, Systems and Services with Related Equipment and Supplies, effective May 1, 2019 through April 30, 2022, in the amount of \$3,500,00.00, (hereinafter referred to as "Contract"); and

WHEREAS, the Parties executed Contract Amendment #1 to revise Attachment B, Contractor's Pricing; and,

WHEREAS, the Parties now desire to amend the Contract to correct Contractor's legal name; and

WHEREAS, the Parties now desire to amend Article 4 to increase the Contract Not to Exceed Limit from \$3,500,000.00 to \$3,524,706.00; and,

WHEREAS, the Parties now desire to amend Article 5 to reflect changes to the Contract's Notice information; and,

WHEREAS, the Parties now desire to amend Attachment A of the Contract to revise the list of locations and equipment to be serviced; and,

WHEREAS, the Parties now desire to amend Attachment B, Section II, of the Contract to reflect the fees and charges associated with the revised list of locations and equipment to be serviced; and,

NOW THEREFORE, the Parties agree as follows:

ARTICLES

1. The Contract shall be amended to substitute Johnson Controls Fire Protection LP in place and instead of Tyco Fire Security US Management, Inc. dba Johnson Controls Fire Protection LP in all references.

*County of Orange, OC Public Works
Johnson Controls Fire Protection LP*

MA-080-19010357

- 2. Article 4 of the Contract shall be amended to read in its entirety as follows:
- 4. **Not to Exceed Limit:** The total amount of this Subordinate Contract shall not exceed **\$3,524,706.00**. The County shall have no obligation to pay any sum in excess of this amount unless authorized by written amendment signed by.
- 3. Article 5 of the Contract shall be amended to read in its entirety as follows:
- 5. **Notices:** Any and all notices, requests demands and other communications contemplated, called for, permitted, or required to be given hereunder shall be in writing, except through the course of the Parties' Project Managers' routine exchange of information and cooperation during the terms of the work and services. Any written communications shall be deemed to have been duly given upon actual in-person delivery, if delivery is by direct hand, or upon delivery on the actual day of receipt or no greater than four calendar days after being mailed by US certified or registered mail, return receipt requested, postage prepaid, whichever occurs first. The date of mailing shall count as the first day. All communications shall be addressed to the appropriate Party at the address stated herein or such other address as the Parties hereto may designate by written notice from time to time in the manner aforesaid

County: OC Public Works/ OC Facilities – Maintenance & CUF
 Attn: Robert Kmetz
 1143 E. Fruit Street
 Santa Ana, CA 92701
 714-667-3281
 Email: Robert.Kmetz@ocpw.ocgov.com

cc: OC Public Works/Admin/Procurement Services
 Attn: Carlos Corona, DPA
 601 North Ross Street
 Santa Ana, CA 92701
 714-667-9694
 Email: Carlos.Corona@ocpw.ocgov.com

Contractor: Johnson Controls Fire Protection LP
 Attn: Matthew Schmit
 12728 Shoemaker Ave.
 Santa Fe Springs, CA 90670
 562-201-0537
 Email: Matthew.Schmit@jci.com

- 4. Attachment A shall be replaced in its entirety as attached hereto.
- 5. Attachment B shall be replaced in its entirety as attached hereto.
- 6. This Amendment modifies the Contract only as expressly set forth above and does not modify, alter, or amend the Contract in any other manner. All other terms and conditions of the Contract and earlier amendments are incorporated by reference and shall remain in full force and effect.

County of Orange, OC Public Works
Johnson Controls Fire Protection LP

MA-080-19010357

IN WITNESS WHEREOF, the Parties hereto have executed this Amendment on the dates shown below their respective signatures below.

JOHNSON CONTROLS FIRE PROTECTION LP

By: Timothy Junior
Print Name: Timothy Junior
Title: Area Service Manager
Corporate Officer
Date: 2/7/2020

By: Robert Moye
Print Name: Robert Moye
Title: Area Install Manager
Corporate Officer
Date: 2/10/2020

COUNTY OF ORANGE, a political subdivision of the State of California

By: _____
Print Name: _____
Title: Deputy Purchasing Agent
Date: _____

APPROVED AS TO FORM:

County Counsel

By: Mark Sanchez
Deputy Mark Sanchez
Date: 2/10/2020

* If the contracting party is a corporation, (2) two signatures are required: one (1) signature by the Chairman of the Board, the President or any Vice President; and one (1) signature by the Secretary, any Assistant Secretary, the Chief Financial Officer or any Assistant Treasurer. The signature of one person alone is sufficient to bind a corporation, as long as he or she holds corporate offices in each of the two categories described above. For County purposes, proof of such dual office holding will be satisfied by having the individual sign the instrument twice, each time indicating his or her office that qualifies under the above described provision. In the alternative, a single corporate signature is acceptable when accompanied by a corporate resolution demonstrating the legal authority of the signator to bind the corporation.

**ATTACHMENT A
SCOPE OF WORK****I. SCOPE OF WORK**

Under this Contract, Fire Alarm System Maintenance-Repair shall be provided to OC Public Works/OC Facilities Operation (hereinafter OC Public Works/OCFO). The work shall consist of inspecting and testing 100% of the fire systems as listed in Section XI - List of Locations and Equipment. Maintaining the fire systems to include all of its component parts and repairing the systems as necessary to keep the systems operational at all times. Contractor shall furnish all labor, tools, equipment, incidentals and instruments required to maintain and test the fire systems in accordance with the manufacturer's specifications, including any special diagnostic or adjustment tools, lift equipment or instruments.

II. MATERIALS

- A. All parts and materials shall be new and shall meet or exceed the original equipment manufacturer's specifications.
- B. Any parts other than those manufactured by the original equipment manufacturer shall be approved by the County before they are used for work under this Contract.
- C. Contractor shall maintain a reasonable supply system for acquisition of additional parts either immediately or with minimal delay.
- D. Contractor shall maintain a crash kit as stated in Section V - Special Requirements - paragraph 12.

III. INSPECTION AND TESTING**A. Fire Alarm System:**

Test and Inspect 100% of all fire alarm system components each calendar year to include, but not be limited to, the following:

- 1. Fire Alarm Control Panel
- 2. Smoke and Duct Detectors
- 3. Heat Detectors
- 4. Manual Pull Stations
- 5. Audible Devices (including firemen's phone systems, stairwell phones and public address systems)
- 6. Visual Devices
- 7. HVAC and Smoke Systems
- 8. Elevator capture primary and secondary
- 9. Won Doors

10. Door Holders and Closers
11. Battery Backup
12. Annunciators
13. Dialer
14. Independent Power Supplies
15. Tamper Switches
16. Post Indicator valves
17. Monitor Modules
18. Control Modules
19. Relays

B. Smoke Detectors:

1. Clean all smoke and/or duct detectors once (1) each calendar year during the first (1st) week of the first (1st) month of each year of the Contract.
2. Test the sensitivity of all smoke and/or duct detectors once (1) every other calendar year during the first (1st) week of the third (3rd) month commencing with the first (1st) month after the effective date of the Contract.
3. Follow the manufacturer's instructions in cleaning and testing smoke and/or duct detectors.
4. Cleaning shall involve the use of Vacuuming; Static Free Compressed Air and a Chemical Cleaning/wash for each detector.
5. Contractor shall provide within fourteen (14) days of the conclusion of each scheduled sensitivity test a device-by-device report of individual smoke detectors sensitivity readings. Smoke detectors that are tested and determined to be outside the acceptable range shall be replaced at the time of inspection for no additional charge. County shall incur no additional charge if a replacement base or programming of smoke heads is needed.
6. Maintain a record of each inspection, test, certification and repair. File a copy of the inspection and test document in the log book in the Fire Control Room or as designated by the Building Coordinator of the facility. Submit one copy of the document to OC Public Works/OCFO, Attention Project Manager. In order to receive payment, all of the above requirements must be met. The inspections, general maintenance, test results, repair and certification reports must be submitted with the monthly, quarterly and semi-annual and annual invoice(s) and a work order describing the service and the work order must be signed by the facility contact.

C. Halon fire suppression system

1. Inspect and test 100% of the Halon fire suppression systems, pre-action systems and hood suppression systems semi-annually or twice per calendar year to include, but not be limited to the following:
 - a. Inspect Agent Distribution Containers, Piping and Nozzles
 - b. Inspect pressurization gauge on agent storage container.
 - c. Test Halon/ and Fire Control Pane. (Pressurization gauge on agent storage container)
 - d. Test Battery Back-Up Systems
 - e. Test Alarm Bells
 - f. Test Alarm and Discharge Horns
 - g. Test Alarm and Discharge Strobe Lights/Beacons
 - h. Test Manual Pull Stations
 - i. Test Under-floor smoke detectors (3rd floor 320 N. Flower St. and 1400 S. Grand Ave.)
 - j. Test Ceiling smoke detectors
2. Facilities with Halon Systems and Pre-Action Systems:
 - a. Testing shall be done Monday-Friday:
 - (1) OC Registrar of Voters, 1300 South Grand Avenue, Building C, Santa Ana - System located 1st floor computer room.
 - (2) Data Center 1400 South Grand Avenue, Santa Ana - System located in on the 1st floor S/E Office Area Riser Closet and Control Room.
 - b. Testing shall be done on Saturday only:
 - (1) District Attorney, 300 North Flower Street, Santa Ana - Systems located in the basement in Room B-04 and on the 3rd floor in the communication room.
 - (2) Sheriff Forensic, 320 North Flower Street, Santa Ana – System is located on the 2nd, 3rd and 4th floors. Building Coordinator must be notified before scheduling test.
 - (3) Hall of Administration, 333 Santa Ana Blvd., Santa Ana – 3rd floor.

1. Hood Suppression Systems:

Testing shall be done Monday-Friday:

- a. Bella's Kitchen - cafeteria - One Unit
- b. Youth Guidance Center - cafeteria -Two Units
- c. Juvenile Hall
- d. Youth Leadership Academy – Two Units
- e. Joplin

Maintain a record of each inspection, each test, certification and repair. File a copy of the inspection and test document in the log book in the Fire Control Room or as designated by the Building Coordinator of the facility. Submit one copy of the document to the attention of the OC Public Works/OCFO Project Manager of designee. In order to receive payment, all of the above requirements must be met. The inspections, general maintenance, test results, repair and certification reports must be submitted with the monthly, quarterly and semi-annual and annual invoice(s) and a work order describing the service and the work order must be signed by the facility contact.

D. Fire Sprinkler System

1. **Inspect 100%** of all fire sprinkler systems each **calendar year** to include, but not be limited to the following:
 - a. Post Indicator valves
 - b. Water Flow Devices
 - c. Tamper Devices
 - d. Control Valve Devices
 - e. Pressure Devices
 - f. Sprinkler Heads
 - g. Piping
 - h. Bracing
2. **Test 100%** of the fire alarm system quarterly each **calendar year** to include, but not limited to, the following:
 - a. Water Flow Devices
 - b. Tamper Devices
 - c. Control Valve Devices

- d. Pressure Devices
 - e. Sprinkler Heads
 - f. Piping
 - g. Post Indicator valves
3. **Conduct quarterly inspection** and test the first (1st) week of the first (1st) month of each quarter commencing with the first (1st) month after the effective date of the Contract.

E. **Pressure Reducing Valve**

Provide a 5 year Pressure Reducing Valve (PRV) test (if applicable). Schedule for the PRV testing will be subject to County approval and will be **weekend work only**.

1. Test for proper operation by injecting smoke into the detection chamber. (3 to 5 second response)
2. Test for trouble reporting by removing detector from circuit
3. Check operation of any indicator lamps or auxiliary relays
4. Test for proper operation in trouble condition
5. Test dry sand pipes (every 5 years)
6. **Visual Devices:**
 - a. Visually inspect for damage
 - b. Clean all devices
 - c. Check devices for proper (maximum) visibility
 - d. Test for proper operation in trouble condition by removing wire from the device (at the device, not the panel)
7. **Flow and Tamper Devices:**
 - a. Visually inspect for damage
 - b. Test by opening the inspection test valve on the sprinkler system (Retard should be 90 seconds or less)
 - c. Verify proper zone annunciation
 - d. Test for proper operation in trouble condition by removing wire from the device (at the device, not the panel)
 - (1) Test that removal of tamper switch cover initiates a trouble report
 - (2) Adjust devices in accordance with the manufacturer's specifications

- e. Visual Inspection and testing of:
 - (1) Water Flow Devices
 - (2) Tamper Devices
 - (3) Control Valve Devices
 - (4) Pressure Devices
 - (5) Sprinkler Heads
 - (6) Piping

F. Pre Action Sprinkler System

Inspect and test 100% of the Pre-action sprinkler System each calendar year to include, but not be limited to the following:

- a. Test Pre-Action Control Panel
- b. Battery Back-Up Systems
- c. Test Alarm Bells
- d. Test Alarm and Discharge Horns
- e. Test Alarm Discharge Strobe Lights/Beacons
- f. Manual Discharge Stations
- g. Smoke Detectors
- h. Graphic Display Panels (where applicable)
- i. Pre-Action Sprinkler System
- j. Valves
- k. Pressure Switches
- l. Pressure gages
- m. Air Compressor

G. Leak Detection System

Inspect and test 100% of the Leak Detection System Semi Annually or twice per calendar year to include, but not limited to the following:

- a. Control Panel
- b. Leak Cable

H. **Fire Pump Systems and Fire Hydrants Inspecting and Testing**

Inspect and test 100% of the fire pumps system and fire hydrants each calendar year.

Conduct yearly inspection and test the third (3rd) week of the first (1st) month commencing with the first (1st) month after the start of the Contract.

1. Fire pumps are located in the following facilities:

- a. Hall of Administration 333 Santa Ana Blvd. Santa Ana
- b. District Attorney 300 N. Flower St. Santa Ana
- c. Sheriff's Forensic Headquarters 320 N. Flower St. Santa Ana
- d. Hutton Towers Parking Structure 1002 Santa Ana Blvd. Santa Ana
- e. Stadium Parking Structure 1020 Civic Center Dr. Santa Ana
- f. Courthouse Parking Structure 690 Civic Center Dr. Santa Ana
- g. Manchester Parking Structures 343 & 313 City Dr. Santa Ana
- h. HCA Facility 405 West 5th Street, Santa Ana
- i. Joplin Youth Center 19480 Rose Canyon Road, Trabuco Canyon

2. Fire Hydrants are located at the following facilities:

- a. Youth Guidance Center 3030 N. Hesperian Rd. Santa Ana - 2 Fire Hydrants
- b. County Operations Center (COC) 1300 S. Grand Ave. Santa Ana - Bldg A - 2 Fire Hydrants
- c. County Operations Center (COC) 1300 S. Grand Ave. Santa Ana - Bldg C - 2 Fire Hydrants
- d. OC Public Works/ Operations & Maintenance, 2301 N. Glassell Street, Orange - 2 Fire Hydrants
- e. OC Public Works/ Operations & Maintenance and OC Watershed Lab, 2245 N. Glassell Street, Orange - 1 Fire Hydrant
- f. HCA Facility 401 S. Tustin St, Orange – 4 Fire Hydrants
- g. Juvenile Hall 331 The City Drive, Orange – 7 Fire Hydrants
- h. Probation/Verdugo 23271 Verdugo Drive, Laguna Hills – 1 Fire Hydrant
- i. Social Services Agency/Sheriffs Communications 840 N. Eckhoff St., Orange – 4 Fire Hydrants

I. Monthly Fire Pump Churn

1. Perform monthly fire pump churn.
2. Test jockey pump for correct start and stop psi.
3. Document start and stop psi.
4. Check fire pump controller for proper operation.
5. Check all lamps and replace as needed.
6. Test the Annunciators located in the fire rooms on the first floor at the District Attorney, 300 North Flower and the Sheriff's Forensic Headquarters 320 North Flower, Santa Ana.
7. Keep fire pump room in working condition.
8. Contractor to coordinate the pump churn with the OC Public Works/OCFO. Inform Project Manager or designee of any potential problems with the fire pump.
9. County shall be responsible for the fire pump repairs.
10. Contractor to assist in alarm portion when testing of pumps.

J. Smoke Evacuation and Stairwell Pressurization Testing and Certification

1. Test the total of four (4) stairwells annually per calendar year at the District Attorney, 300 North Flower and at Sheriff Forensic, 320 North Flower Street, Santa Ana.
2. District Attorney, 300 North Flower Street, Santa Ana
 - a. The smoke evacuation system consist of two (2) supply fan SF-1 and SF-2 and two return fans RF-1 and RF-2 and one smoke exhaust SE-1.
 - b. Supply air dampers on all floors, return air damper on all floors, smoke exhaust dampers on all floors.
 - c. The smoke evacuation panel is equipped with manual control switches for the fire fighter operation.
 - d. Activation of any fire alarm in the building causes automatic activation of the smoke evacuation system as follows:
3. Sheriff's Forensic Headquarters, 320 North Flower Street, Santa Ana
 - a. Two stairwell shaft pressurize fans are located on the first floor. Each stairwell shafts are to provide positive pressure inside the stairwell shafts over the building floors.
 - b. The system is an auxiliary function of the fire life safety and it is designed for automatic activation once a fire alarm is received at the building fire alarm panel.

- c. Manual controls are also available.
4. The Smoke Evacuation and Stairwell Pressurization tests shall be done on Saturdays. Project Manager or designee and Building Coordinator must be notified before testing. Maintain a record of each inspection, each test, certification and repair. File a copy of the inspection and test document in the log book in the Fire Control Room or as designated by the OC Public Works/OCFO, Project Manager. In order to receive payment, all of the above requirements must be met. The inspections, general maintenance, test results, repair and certification reports must be submitted with the monthly, quarterly and semi-annual and annual invoice(s) and a work order describing the service and the work order must be signed by the facility contact.

K. **Minimum Requirements for Inspection and Testing**

1. Control Panels:
 - a. Visually inspect the control panel, relay contacts and connectors
 - b. Insure all lamps and switches are properly labeled and readable
 - c. Clean the control panel, all relays and all connections
 - d. Check the tightness of all connections
 - e. Activate each zone and test proper operation of:
 - (1) Zone Lights
 - (2) Trouble Lamps, Switches and Devices
 - (3) Output to Remote Annunciators
 - (4) City Connection
 - (5) Auxiliary Functions
 - f. Adjust the control components in accordance with the manufacturer's specifications
 - g. Insure control panel is fully functional in regular mode and emergency power mode
 - h. Insure operating instructions are conspicuous
 - i. Smoke Detectors and Duct Detectors:
 - (1) Visually inspect for damage
 - (2) Clean to remove any dirt, dust and/or deposits
- OR**
- (1) Replace with a backup detector, which has previously been cleaned

- (2) Test for proper operation by injecting smoke into the detection chamber. (3 to 5 second response)
 - (3) Test for trouble reporting by removing detector from circuit
 - (4) Check operation of any indicator lamps or auxiliary relays
 - (5) Test for proper operation in trouble condition
- j. Smoke Detectors and Duct Detectors - Sensitivity: (See frequency of testing herein.)
- (1) Test sensitivity in accordance with the manufacturers specifications using appropriate and approved testing devices
 - (2) Record results of sensitivity test (greater than 0.5 but less than 3.8)
 - (3) Clean any detector that fails sensitivity test
 - (4) Retest any detector that fails sensitivity test
 - (5) Replace any detector that fails a second sensitivity test

2. Heat Detectors:

- a. Visually inspect for damage
- b. Clean to remove any dirt, dust and/or deposits or replace with a backup detector, which has previously been cleaned
- c. Test for proper operation by increasing the temperature on rate of rise type detectors. (15 degrees per minute) or test wiring on fixed temperature detectors by shorting across the terminals
- d. Test for trouble reporting by removing a detector wire from circuit (at the device, not the panel).
- e. Test for proper zone annunciation
- f. Test for proper operation in trouble condition

3. Manual Pull Stations:

- a. Visually inspect for damage
- b. Replace any missing or broken rods
- c. Test for proper operation by pulling station handle
- d. Test for proper zone annunciation
- e. Test for proper operation in trouble condition by removing wire from terminal strip

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- f. Adjust set screws and switches
4. Audible Devices: (Including firemen's phone system, stairwell phones and public address systems)
 - a. Visually inspect for damage
 - b. Check devices for proper (maximum) audibility
 - c. Adjust devices in accordance with the manufacturer's specifications (proper decibel levels)
 - d. Check devices for proper sound quality
 - e. Test for proper operation in trouble condition by removing wire from the device (at the device, not the panel)
 5. Visual Devices:
 - a. Visually inspect for damage
 - b. Clean all devices
 - c. Check devices for proper (maximum) visibility
 - d. Test for proper operation in trouble condition by removing wire from the device (at the device, not the panel)
 6. Flow and Tamper Devices:
 - a. Visually inspect for damage
 - b. Test by opening the inspection test valve on the sprinkler system (Retard should be 90 seconds or less)
 - c. Verify proper zone annunciation
 - d. Test for proper operation in trouble condition by removing wire from the device (at the device, not the panel)
 - (1) Test that removal of tamper switch cover initiates a trouble report
 - (2) Adjust devices in accordance with the manufacturer's specifications
 7. HVAC Shut Down:
 - a. Test for proper system shut down upon alarm
 - b. Test for proper system restart upon end of alarm
 8. Smoke Purge System:
 - a. Visually inspect system

- b. Test for proper system operation
- c. Test for proper operation in trouble condition

9. Door Release Devices:

- a. Visually inspect for damage
- b. Test for proper release upon alarm
- c. Test to insure door closes quickly and completely

10. Halon Systems:

a. Service on an Annual Basis

- (1) Smoke Detectors
- (2) Sequence each detector in an alarm condition. Each detector will be set in the alarm mode using a test gas, external magnet or appropriate device.

b. Service Procedures on a Semi-Annual Basis

- (1) Control Panel and Battery System.
 - (a) Verify LED operation for power, trouble and alarm conditions.
 - (b) Test battery for charge and automatic switch-over capability.
 - (c) Operate test and reset switches for sequence and function.
 - (d) Visual inspection of terminations and wiring within the panel.
- (2) Smoke Detectors - Visually inspect detectors.
- (3) Alarm Bells and Discharge indication Horns - Check individually for proper operation.
- (4) Manual Pull and Abort Stations - Verify individual operation.

c. Auxiliary Devices and Systems Shut-Downs Air conditioning, heating, ventilating systems and power equipment shutdowns; shall be performed each calendar year.

- (1) Check Room Integrity.
- (2) Agent Storage Containers/Distribution Piping-Nozzles
- (3) Check agent quantity and pressure of refillable containers.
- (4) Visually inspect accessible discharge piping and nozzles for integrity and corrosion.

11. Sprinkler System

Visual Inspection and testing of:

- a. Water Flow Devices
- b. Tamper Devices
- c. Control Valve Devices
- d. Pressure Devices
- e. Sprinkler Heads
- f. Piping

12. Pre-Action Systems Inspection:

a. Visual Inspection and Testing:

(1) Fire Department Connection

- (a) Check for inlet cap
- (b) Check couplings for damage
- (c) Check gaskets for deterioration
- (d) Check clapper valves closure
- (e) Check for visual or exterior obstruction
- (f) Check identification sign

(2) Control Valves

- (a) Check for valve leakage
- (b) Check that valve is secured in open position
- (c) Check bracing for damage

(3) Controls

- (a) Check pressure switches
- (b) Check solenoid operation
- (c) Check pneumatic signal
- (d) Check tamper switch

(4) Riser

- (a) Check for leakage
- (b) Check for visible or exterior obstruction
- (c) Check bracing for damage

(5) Gauges

- (a) Check for damage
- (b) Check that valve is open
- (c) Record system pressure
- (d) Record supply pressure

(6) Sprinklers

- (a) Check for leaking, corrosion or painting
- (b) Check for obstruction of flow
- (c) Check for proper installation positions
- (d) Check that extra sprinklers and wrench are available
- (e) Check extra sprinklers for the same orifice size and temperature rating as sprinklers in the system.

(7) Testing Inspections:

- (a) Test operation of Tamper Switches, Low Pressure Switches.
- (b) Test and inspect the air compressor.

b. Service Procedures on a Semi-Annual Basis

(1) Control Panel and Battery System.

- (a) Verify LED operation for power, trouble and alarm conditions.
- (b) Test battery for charge and automatic switchover capability.
- (c) Operate test and reset switches for sequence and function.
- (d) Visual inspection of terminations and wiring within the panel.

(2) Smoke Detectors.

Visually inspect detectors

c. Service Procedures on an Annual Basis

- (1) Place each detector in alarm using an approved method.
- (2) Perform maintenance as described in semi-annual inspection procedure.
- (3) Alarm Bells / Horns

Check individually for full sound power operation.

- (4) Manual Pull Stations

Verify individual operation

- (5) Auxiliary Devices and Systems Shutdown

Air conditioning, heating, ventilating systems and power equipment shut-downs; will only be performed by special request.

- (6) Pre-Action Riser

- (a) Activate solenoid (with detection system).
- (b) Release air pressure from system using inspectors test.
- (c) Confirm operation of valve to open position.

13. Leak Detection System

a. Perform a complete visual inspection of leak detection panel.

- (1) Test continuity and tighten all connections in panel and cable.
- (2) Test the leak detection cable at various locations and confirm against graphic map of cable layout.
- (3) Test probes for operation.
- (4) Test all panel LEDs for proper operation.

b. Batteries:

- (1) Visually check for any leakage or corrosion
- (2) Clean any corrosion from terminals
- (3) Check the tightness of all connections
- (4) Adjust the charge rate in accordance with the manufacturer's specifications

- (5) Disconnect electrical (AC) power and test the system while on (DC) battery power
- (6) Load test the batteries annually in accordance with the manufacturer's specifications

14. Smoke Evacuation Test:

a. District Attorney, 300 North Flower and Sheriff's Forensic, 320 North Flower Street, Santa Ana:

- (1) The HVAC system shall transfer to the smoke control mode automatically when the fire alarm system is activated.
- (2) When the HVAC system transfers to the smoke control mode the following sequences of events shall occur:
 - (a) Energize fans SF-1 and SE-1.
 - (b) De-Energize RF-1, RF-2, and SF-2.
 - (c) DE-Energize EF-1, EF-2 and EF-3.
 - (d) Close supply air dampers on all floors.
 - (e) Close return air dampers on all floors.
 - (f) Close smoke exhaust air dampers on all floors.
 - (g) Open smoke exhaust air dampers on involved floor.
 - (h) Open supply air dampers on floor above and below involved floor.

b. If any defects are found while testing the supply air dampers, Contractor shall notify the OC Public Works/OCFO Project Manager or designee and complete the repairs of the supply air dampers as soon as possible.

c. Maintain a record of each inspection, test, certification and repair. File a copy of the inspection and test document in the log book in the Fire Control Room or as designated by the Building Coordinator of the facility. Submit one copy of the document to OC Public Works/OCFO, to the attention of the Project Manager or designee. In order to receive payment, all of the above requirements must be met. The inspections, general maintenance, test results, repair and certification reports must be submitted with the monthly, quarterly and semi-annual and annual invoice(s) and a work order describing the service and the work order must be signed by the facility contact.

L. Monthly General Maintenance:

In addition to the requirements outlined above for inspection and testing, Contractor shall monthly:

- a. Inspect, test, adjust and clean the fire alarm system as needed, or when required by the Site Coordinator.
- b. Perform repairs on the system as needed to maintain the system in operational condition at all times.
- c. Initiate repairs in accordance with the requirements herein. Maintain the entire system in operable condition at all times.
- d. Maintain a record of all maintenance services and provide the OC Public Works/OCFO Project Manager or designee with copies of the same.

IV. REPAIRS

A. Routine Repairs and Replacements:

Provide all necessary repairs, (including ground faults) to include labor, service calls, emergency service calls, replacement parts, wiring, peripherals, control boards, modules to include batteries, as necessary, to maintain fire alarm system in a safe, working condition, for no additional cost to County. This Contract is intended to provide full maintenance and repair services for the operation and maintenance including software for the fire system in order to meet the requirements of the of the regulatory agency with jurisdiction over the facility Excluded items: fire pump, sprinkler pipes, risers and backflow devices. See Section XII – Additional Work for procedures regarding items not covered under this Scope of Work

B. Contractor shall perform all Emergency Repairs and Replacements as follows:

1. Respond to trouble alarm or requests for service within fifteen (15) minutes by telephone. Contractor shall provide on-site service within four (4) hours after notification of the alarm or request by County personnel. Identify all repairs or replacement parts needed to repair the fire systems.
2. Provide all necessary repairs, (including ground faults) to include labor, service calls, emergency service calls, replacement parts, wiring, peripherals, control boards, modules, to include batteries, as necessary, to maintain fire alarm system in a safe, working condition, for no additional cost to County.
3. This Contract is intended to provide full maintenance and repair services required for the operation and maintenance, including software, of the fire system in order to meet the requirements of the regulatory agency with jurisdiction over the facility. Excluded items: fire pump, sprinkler pipes, risers and back flow devices. See Section XII – Additional Work for procedures regarding items not covered under this Scope of Work.

V. SPECIAL REQUIREMENTS

Contractor shall:

1. Contractor shall hold a valid C-10 and C-16 Contractor licenses issued by the California State Contractor's License Board. The two licenses shall be valid as long as the Contract is in place.

2. Comply with all Fire Code regulations and all special regulations (ANSI/NFPA 72 and ANSI/NFPA 25) and/or requirements of the local fire authority.
3. Perform all testing in accordance with the manufacturer's specifications.
4. Prepare and submit all reports on inspections, testing and service as required by the responsible regulatory agency. Provide a copy of those reports and proof of submittal upon request to the Contract Administrator.
5. Contractor shall include the name, location and type of work to be performed by any and all subcontractors. If a subcontractor is proposed for a portion of the work where Contractor qualifications and experience are required, references from at least three (3) previous projects of this type during the past two years shall be provided.
6. Any attempt by Contractor to assign or subcontract any performance of this Agreement without the express written consent of County shall be invalid and shall constitute a breach of this Agreement. Whenever a Contractor-Sub-Contractor agreement is authorized by the County, the agreement terms thereof shall incorporate by reference and not be in conflict with the terms of this Contract. Sub Contracting shall only be permitted for software panel malfunctions and software up-upgrades, specialty functions; i.e., pre-action systems, stairwell pressurization, fire pump tests, fire pump churn and fire hydrant testing.
7. Contractor shall possess ten (10) years experience in the type of work required by this Contract and shall demonstrate that experience by providing references for at least three (3) facilities. References must show that Contractor has or is currently providing service for the fire alarm system with the specific equipment (manufacturer and model) covered by this Contract.
8. Contractors' Technicians shall be factory-trained **and/or** experienced in servicing the specific equipment included under this Contract. Contractor shall provide at least five (5) technicians factory certificates with its bid. Each service technician shall be knowledgeable and capable of diagnosing and repairing problems with both electrical and mechanical portions of the fire systems. Contractors' technicians shall also be certified by the National Institute Certification of Engineering Technologies (NICET). Provide a copy of certification for no less than but not limited to five (5) technicians with (NICET) certificates.
9. Contractor shall inspect and/or test the systems upon award of contract to assure that the system is fully operational and/or identify and deficiencies that require correction.
10. Thereafter, Contractor shall be fully responsible for the maintenance and repair of the systems. Contractor shall include the following statement on the last billing for each year of the Contract: "I (authorized representative) certify under penalty of perjury that all required inspections and tests of the fire system have been performed in accordance with the Contract and regulatory requirements."
11. Contractor shall ensure that its inspection, testing, maintenance and repair services will not interrupt County operations except in those instances where such interruption is unavoidable and has been scheduled and the facility occupants have been duly notified. Any unscheduled disruption will be grounds for Contract termination for cause and Contractor may be held liable for all County costs associated with that interruption.

12. Contractor shall keep a surplus of manufacturer's equipment for replacement of defective devices on hand to reduce operational down time. This surplus will consist of Crash Kit with smoke detectors, heat detectors, audio/visual devices, speakers, ZAMS, circuit boards and power supplies.
13. Contractor shall provide, when available, the latest version of software and all programming necessary for operation of system. These program changes include, but are not limited to, BMUX re-burns.
14. Contractor shall perform two (2) fire drill tests per designated facilities per calendar year. The two fire drills per calendar year are to be completed the third month after the award of the contract and the ninth month after the award of the contract.
15. Contractor shall perform twelve (12) fire drill tests per calendar year at the Youth Guidance Center.
16. The fire drill shall be coordinated with OC Public Works/OCFO Project Manager or designee and the Building Coordinator (As listed in Section XI – List of Locations and Equipment).

VI. GENERAL REQUIREMENTS

- A. Furnish and maintain a telephone answering system with twenty-four (24) hour, seven (7) day per week service, capable of contacting and dispatching service personnel.
- B. Perform all work in accordance with generally accepted industry practice for safe and efficient operation.
- C. Warranty all labor and materials used in performance of this work for a minimum of one (1) year (365 days) after completion of the repairs. Immediately initiate any corrective work needed in response to a warranty item.
- D. Contractor shall furnish to County at the conclusion of each inspection a detailed, device by device, report that shows the status of the system and devices tested.
- E. In order to receive payment, all of the above requirements must be met. The inspections, general maintenance, test results, repair and certification reports must be submitted with the monthly, quarterly and semi-annual and annual invoice(s) and a work order describing the service and the work order must be signed by the Building Coordinator or designee.

VII. GENERAL CONDITIONS

- A. All work shall be subject to the inspection and approval of County either by the Contract Administrator or a designated representative prior to acceptance and approval for payment.
- B. County reserves the right to use alternate sources for completion of the work, to obtain competitive prices on any repair and to utilize any information obtained under this Contract relative to necessary materials and repairs it deems appropriate.
- C. Workers shall be courteous to the public and county staff that are utilizing the facilities but shall be responsive only to the requests of the Site Coordinator. Workers shall direct all inquiries or requests to the Building Coordinator or designee.

VIII. SCHEDULING OF INSPECTIONS AND TESTS

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- A. All work shall be performed during normal working hours, i.e. 8:00 a.m. to 5:00 p.m. (except for emergencies and testing for Various County Facilities). Please Note: Various County facilities shall be tested and inspected on Saturdays (See Section XI - List of Locations and Equipment).
- B. Contractor shall contact the Building Coordinator or designee, a minimum of seven (7) working days in advance, to schedule and/or confirm the date and time of maintenance or service prior to performing work. Failure to schedule and/or confirm the date and time maintenance or service will be performed may result in (1) denied access to the facility and no cost to County for any consequential cost and/or (2) denied payment for any maintenance or service performed.
- C. Contractor to notify the building's central fire alarm station, Building Coordinator and all occupants in the immediate area that a functional system test is about to be conducted and again upon completion. Coordinate the completion of the service and leave the system in fully operational condition.
- D. If complete repairs cannot be accomplished within normal work hours, then the affected area or system function shall be bypassed to allow the remaining portions of the system to remain operational.

IX. SHERIFF'S FACILITIES' SECURITY REQUIREMENTS**A. Background Checks:**

1. All personnel to be employed in performance of the work under this Contract shall be subject to Probation and Orange County Sheriff's background check and clearance, as authorized under the law, prior to their entering a Sheriff's Department facility. Failure of any employee to pass the Orange County Sheriff's Departments background checks shall not be the responsibility of County and shall not constitute an increase in the cost to County.
2. Contractor shall prepare and submit an information form to the Sheriff's Department Building coordinator Paul Kingsley (for all persons who will be working on or who will need access to the facility).
3. Said information forms will be provided by the Building coordinator Paul Kingsley at 714-815-1118, upon request, and will be screened by the Orange County Sheriff's Department. Background appointments are to be set-up three (3) weeks in advance before starting work.
4. Said information forms shall be thoroughly and accurately completed. Omissions or false statements, regardless of the nature or magnitude, may be grounds for denying clearance.
5. No person shall be employed on this work that has not received prior clearance from the Orange County Sheriff's Department.
6. The Orange County Sheriff's Department need not give a reason clearance is denied.

B. Performance Requirements

Contractor shall ensure that:

1. All Contractor vehicles parked on site shall be locked and thoroughly secured at all times.
2. All tools and materials shall remain in Contractor's possession at all times and shall never be left unattended. All lost or misplaced tools or materials shall be reported immediately to the escort or Control Desk in Sheriff's facilities.
3. All materials, large and small resulting from removal operations or new construction (especially those materials that could be used to inflict injury such as nails, wire, wood, etc.) shall be continuously cleaned up as work progresses.
4. All work areas shall be secured prior to the end of each workday.
5. Workmen shall have no contact, either verbal or physical, with minors, wards or inmates in any facility. Specifically:
 6. Do not give names or addresses to minors, wards or inmates.
 7. Do not receive any names or addresses from minors, wards or inmates
 8. Do not disclose the identity of any minor, ward or inmate to anyone outside the facility.
 9. Do not give any materials to minors, wards or inmates.
 10. Do not receive any materials from minors, wards or inmates (including materials to be passed to another individual or minor, ward or inmate). Failure to comply with these requirements is a criminal act and can result in prosecution.
11. Workmen shall not smoke or use profanity or other inappropriate language while on site.
12. Workmen shall not enter the facility while under the influence of alcohol, drugs or other intoxicants and shall not have such materials in their possession.
13. Workmen shall plan their activities to minimize the number of times they must enter and exit a facility, i.e., transport all tools, equipment and materials needed for the day at the start of work and reduce all breaks to the absolute minimum.
14. It is Contractor's responsibility to pass these rules on to each of Contractor's employees working at Sheriff's Department Facilities.

C. Security Requirements:

Contractor's personnel shall:

1. Report to the Control Desk upon arrival at the job site. Control will ensure that the work area is clear and ready for work to begin. Follow any special security requirements issued by the on site coordinator.
2. Report to the Control Desk when leaving the facility, either temporarily or at the end of the workday.
3. Immediately report all accidents, spills, damage, unusual conditions and/or unusual activities to the Control Desk.

4. Restrict all activities to the immediate work site and adjacent assigned areas.

D. Potential Delays / Interruptions:

Contractor shall acknowledge that:

1. The primary purpose of the detention facilities is the safe and secure operation of those facilities.
 - a. Workmen shall immediately comply with all directions and orders issued by Sheriff's personnel, other than changers regarding the quality of work which will be controlled by the Building Coordinator Paul Kingsley.
 - b. Workmen may be delayed or denied assess to the facility.
 - c. Workmen may be ordered to leave a facility prior to the completion of their work or the end of the workday.
 - d. Workmen may be detained within a facility until an incident is resolved by Sheriff's personnel.
2. Contractor should allow for minor delays in its project schedule. Contractor should maintain a log of such delays during the course of the project. Contractor may submit a request for equitable adjustment for excessive delays or disruptions based upon proof of those delays and actual costs incurred by Contractor due to those delays.

X. **SECURITY REQUIREMENTS FOR PROBATION FACILITIES**

A. Background checks:

All Contractor personnel to be employed in performance of work under this Contract shall be subject to background checks and clearance prior to working in a youth detention facility.

Contractor shall prepare and submit an information form to County's Probation Department (See Exhibit - Orange County Probation - Vendor Clearance) for all persons who will be working or who will need access to the facilities. These information forms shall be submitted at least five County working days prior to the start of work on the Contract or prior to the use of any person subsequent to Contractor's start of work.

These information forms will be provided by County's Probation Department upon request and will be screened by County's Probation Department. These information forms shall be thorough, accurate, and complete. Omissions or false statements, regardless of the nature or magnitude, may be grounds for denying clearance. No person shall be employed under this Contract who has not received prior clearance from the Probation. Neither County nor the Probation Department needs give a reason clearance is denied. **Background appointments are to be set-up three (3) weeks in advance before starting work.**

B. Performance Requirements:

1. All Contractor vehicles parked on site shall be locked and thoroughly secured at all times.

2. All tools and materials shall remain in Contractor's possession at all times and shall never be left unattended. All lost or misplaced tools or materials shall be reported immediately to the security staff or Control in youth detention facilities or to the escort or Control in the Sheriff's facilities.
3. All materials, large or small,(especially those materials that could be used to inflict injury, such as nails, wire, wood, etc.) shall be continuously cleaned up as work progresses.
4. All work areas shall be secured prior to the end of each work period.
5. Workers shall have no contact, either verbal or physical, with inmates in the facilities.

C. Contractor's employees shall:

1. Not give names or addresses to inmates;
2. Not receive any names or addresses from inmates (including materials to be passed to another individual or inmate);
3. Not disclose the identity of any inmate to anyone outside the facility;
4. Not give any materials to inmates; or
5. Not receive any materials from inmates (including materials to be passed to another individual or inmate).
6. Immediately report all accidents, spills, damage, unusual conditions and/or unusual activities to the Control Desk.
7. Securely close and check all gates and doors to ensure that they are tightly closed and locked.
8. Restrict all activities to the immediate work site and adjacent assigned areas.
9. Remain with the assigned escort at all times, unless otherwise directed by the on site coordinator.
10. Not smoke or use profanity or other inappropriate language while on site. Contractor's employees shall not enter the facility while under the influence of alcohol, drugs or other intoxicants and shall not have such materials in their possession. Contractor's employees shall plan their activities to minimize the number of times they must enter and exit a facility.
11. Transport all tools, equipment and materials needed for the day at the start of the work period and restrict all breaks to the absolute minimum.

Failure to comply with the above requirements is a criminal act and can result in prosecution.

D. Contractor's personnel shall:

1. Comply with the written schedule provided by County which shall clearly show the specific start and end times for each work day.

2. Arrive at the site no more than 15 minutes prior to the scheduled time or no more than 15 minutes after the scheduled time.
3. Report to the control desk and sign-in log, name, date and time upon arrival at the job site.
4. Report to the control desk and sign-out, name, and time when leaving the facility.
5. Control will ensure that the work area is clear and ready for work to begin. If a Contractor's employee is delayed or cancellation is necessary, the designated on-site coordinator or County's Contract Coordinator or his designee should be contacted immediately. Repeat problems will be grounds for remedial action which may include Contract termination.

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XI. LIST OF LOCATIONS AND EQUIPMENT:

01. OC Public Works/OCFO, 1143 E. Fruit Street, Santa Ana
Building Coordinator: Larry Zerr 714-981-0994

QTY	DESCRIPTION	MANUFACTURER
1	Fire Panel	Faraday
1	Dialer	Faraday
11	Pull Station	Faraday
93	Smoke Detectors	Faraday
16	Heat Detectors	Faraday
14	Audio/Visual	Faraday
35	Horns/ Stobes	Faraday
1	Annunciator	Faraday
1	Water Flow	
3	Tamper Switches	
1	NAC	Faraday
2	Tamper & Flow	

02. OC Public Works/Construction, 1152 E. Fruit Street, Santa Ana
Building Coordinator: Joanne Golden 714-245-4511

QTY	DESCRIPTION	MANUFACTURER
1	Fire Panel	Faraday
1	Dialer	Silent Night 5230
16	Pull Stations	Faraday
61	Smoke Detectors	Faraday
37	Horns/ Stobes	Faraday
31	Heat Detectors	Faraday
2	NAC	Faraday
1	Annunciator	Faraday
1	Water Flow	Faraday
3	Tamper Switches	Faraday
1	Dact	Faraday
1	PIV's	

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03. OC Public Works/Fleet Maintenance Shop #1, 1102 E. Fruit Street Santa Ana
Building Coordinator: Michael Deutsch 714-955-0283

QTY	DESCRIPTION	MANUFACTURER
1	Fire Panel	Faraday-MPC 1500 Plvs
3	Power Supply	RSE-300 Remote Signal Expander
1	Digital Dialer	Silent Knight-5104 B
28	Pull Stations	Faraday
20	Smoke Base-System Sensor Model # B210LP	Faraday
20	Photo Smoke Heads-System Sensor 2251B	Faraday
108	Monitor Modules	Faraday-M 501 M
80	Heat Detectors Heads	Chemtronics Model 601 Rate of Rise 200 F
35	Horn/Strobes	Faraday
19	Strobes Adjacent to	Faraday
4	Horns Exterior	Faraday
16	Smoke Detectors	Faraday
3	NAC	Faraday
1	Dact	Faraday

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04. County Operations Center, 1300 South Grand Avenue, Building A, Santa Ana
 Building Coordinators:
 CEO/Central Procurement Office: Neil Jensen 714-567-7341
 Publishing Services: Kevin Hatanaka 714-470-9886

QTY	DESCRIPTION	MANUFACTURER
1	Fire Panel	Faraday-MPC 1000 Plus
1	Annunciator	Faraday RDCI
1	Remote Signal Expander	RSE-300 Remote Signal Exp
1	Digital Dialer	Silent Knight 5104-B
38	Smoke Detectors	Faraday
1	Heat Detectors	Faraday
44	Bases for above Sensors	Faraday
12	Pull Stations	Faraday
15	Monitor Modules	Faraday-M501m
5	Control Modules	Faraday
28	Strobes	Faraday
28	Horn/Strobes	Faraday
1	Water Flow Switch	Faraday
1	Tamper Valve	Faraday
2	Fire Hydrant	
1	NAC	Faraday
1	Dact	Faraday
2	Audio / Visual	
2	Abort	

05. County Operations Center, 1300 South Grand Avenue, Building B, Santa Ana
 Building Coordinator: Craig Fee 714-480-2996

QTY	DESCRIPTION	MANUFACTURER
1	Fire Panel	Gamewell-Flex 630
1	Annunciator	Gamewell
1	Digital Dialer	Silent Knight-5104B
3	Power Supplies 4-Zone Panels for Strobe Ckts.	Gamewell
88	Smoke Detectors	Gamewell
6	Duct Detectors	Gamewell
8	Pull Stations	Gamewell
66	Horn/Strobes	Gamewell
5	Control Modules	Gamewell
12	Monitoring Modules	Gamewell
6	Strobes	Gamewell
2	Exterior Horns	Gamewell
3	NAC	Gamewell

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06. County Operations Center, 1300 South Grand Avenue, Building C, Santa Ana
Building Coordinators: David Goulding 714-567-7934 (Primary)
Justin Berardino 714-567-5103

QTY	DESCRIPTION	MANUFACTURER
1	Fire Panel 5820 XL	Silent Knight
1	Annunciator 5104B	Silent Knight
1	Digital Dialer	Silent Knight
52	Smoke Detectors	Silent Knight
4	Control Modules Relay	Silent Knight
32	Heat Detectors	Silent Knight
8	Pull Stations	Silent Knight
9	Monitor Modules	Silent Knight
16	Bells	Silent Knight
4	Duct Detectors	Silent Knight
1	Exterior Bell	Silent Knight
1	Halon System 3210	Fenwal
1	W/F Switch	
1	PIV Tamper	
2	Fire Hydrant	
48	Horn / Strobes	Silent Knight
1	NAC	Silent Knight
2	Waterflow	Silent Knight
2	Tamper Switches	Silent Knight
1	Dact	Silent Knight
3	Audio/ Visual	
1	Abort	

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07. Law Library, 515 North Flower Street Santa Ana
Building Coordinator: Kelsey Chrisley - 714-834-3003

QTY	DESCRIPTION	MANUFACTURER
1	Fire Panel	Notifier
1	Digital Dialer	Notifier
109	Smoke Detectors	Notifier
12	Pull Stations	Notifier
42	Horn/Strobes	Notifier
7	Heat Detector	Notifier
2	Tamper Switches	Notifier
2	Water Flow	Notifier
4	Smoke Guard	
2	NAC	Notifier
3	Duct Detectors	Notifier
1	Annunciator	Notifier
17	Strobes/Visual	Notifier
7	Beam Smoke Detectors	Notifier
3	AHU input, relays, ect.	Notifier
4	Power Supply	
1	Dact	Notifier
4	Tamper & Flow	
23	Strobes/Horn	Notifier

08. Health Care Agency, 1725 West 17th Street, Santa Ana
Building Coordinator: Stephanie Garcia 714-834-7856

QTY	DESCRIPTION	MANUFACTURER
1	Fire Alarm Panel	Notifier-AM 2020
1	Dact (Dialer Panel)	Notifier
1	Annunciator	Notifier
168	Smoke Detectors	Notifier
14	Duct Detectors	Notifier
71	Strobes	Notifier
2	Water Flow	Notifier
6	Tamper Switches	Notifier
23	Pull Stations	Notifier
55	Strobe/Horns	Notifier
9	Audio/Visual 24 volt 4 ckt Power Supplies	Notifier
22	Horns	Notifier
5	NAC	Notifier
6	Door Holder	Notifier
4	Control Assemblies	Notifier

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09. Manchester Office Building, 301 City Drive Orange
Building Coordinators: Robert Eitner 714-935-7427

QTY	DESCRIPTION	MANUFACTURER
1	Fire Panel	Gamwell-610
1	Annunciator	Gamewell
1	Dialer	Notifire-911P
38	Smoke Detectors	Gamewell
10	Duct Detectors	Gamewell
1	Tamper Switches	Gamewell
22	Pull Stations	Gamewell
1	Water Flow	Gamewell
159	Horns/Strobes	Gamewell
1	Pre-Action Riser E-3	Viking
1	Halon System 3210 (in Penthouse Telephone room)	Fenwal
5	NAC	Gamewell
1	Dact (Dialer Panel)	Gamewell
7	Tamper & Flow	
1	PIV's	
2	Audio / Visual	
1	Abort	

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10. Juvenile Hall, 331 City Drive, Orange
Building Coordinator: Phil Padilla 714-862-4888

QTY	DESCRIPTION	COMPONENT	MANUFACTURER
7	Fire Panels	NFS-640	Notifier
522	Smoke Detectors	FSP-851	Notifier
197	Heat Detectors	FST-851	Notifier
169	Duct Detectors	FST-751-RP	Notifier
46	Pull Stations	NDG-12LX	Notifier
25	Monitoring Modules	FMM-1	Notifier
21	Control Modules	FEM-1	Notifier
155	Horn & Strobes		Notifier
4	NAC		Notifier
5	24VDC Relay Modules		Notifier
3	Door Holders		Notifier
25	Synchronized Modules		Notifier
12	Power Supply PF-24		
24	Batteries		
7	Water Flow		
7	Tamper Switches		
7	Fire Hydrants		
2	Hood Suppression Systems Juvenile Hall	PCL 460	Pyro Chem
2	Hood Suppression Systems Youth Leadership Academy	R 102	Ansul
4	Tamper & Flow		

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11. Fleet Maintenance Shop # 2, 2023 West Collins Street, Orange
Building Coordinator: Cesar Grijalva 714-955-0180

QTY	DESCRIPTION	MANUFACTURER
1	Fire Alarm Panel NFW2-100	Notifier
1	Annunciator	Notifier
3	Horn /Strobes	Notifier
3	Strobes	Notifier
1	Outside Bell	Notifier
3	Smoke Detector	Notifier
11	Duct Detectors	Notifier
11	Monitor Moduals	Notifier
24	Batteries	
2	Pull Stations	Notifier
1	Water Flow	Notifier
2	Tamper Switches	Notifier

12. OC Public Works/Agriculture Commissioner Lab/O&M Warehouse,
222 East Bristol Lane, Orange
Building Coordinator: Lisa Pinkevich 714-955-0109

QTY	DESCRIPTION	MANUFACTURER
1	Dialer	Silent Night
1	Annunciator	Silent Night
1	Water Flow Switch	Silent Night
1	Outside bell	
1	Tamper Switches	Silent Night
1	Fire Panel	Silent Night

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13. Joplin Youth Center, 19480 Rose Canyon Road, Trabuco Canyon
Building Coordinator: Larry Zerr 714-981-0994

QTY	DESCRIPTION	MANUFACTURER
1	Main Panel (#4100U)	Simplex
5	Fire Alarm Control Panels (#4001)	Simplex
85	Smoke Detectors	Simplex
9	Bells	Simplex
30	Pull Stations	Simplex
15	Heat Detectors	Simplex
5	Water Flow	Simplex
1	Fire Pump & Controller	
11	Tamper Switches	Simplex
1	Jockey Pump	
	Batteries	
1	Hood Suppression System PCL 460	Pyro Chem
10	Duct Detectors	Simplex
43	Horn / Strobes	Simplex
1	NAC	Simplex
2	Annunciator	Simplex
6	Tamper & Flow	Simplex

14. County Facility Laguna Niguel, 30143 Crown Valley Park Way, Laguna Niguel
Building Coordinator: Larry Zerr 714-981-0994

QTY	DESCRIPTION	MANUFACTURER
1	Fire Panel	Gamewell-IF 610
50	Smoke Detectors	Gamewell
1	Dialer	Notifier
2	Heat Detectors	Gamewell
10	Duct Detectors	Gamewell
25	Strobes	Gamewell
43	Horns/Strobes	Gamewell
1	Out Side Bell	Gamewell
9	Pull Stations	Gamewell
2	4 Zone Power Svp.	Altronics
22	Door Holders	Gamewell
2	Annunciator	Gamewell
1	Water Flow Switch	
2	NAC	Gamewell
1	Dact (Dialer Panel)	Gamewell

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15. OC Public Works, HCA Facility, 401 S. Tustin St, Orange
Building Coordinator: Derek Moore 714-834-3090

QTY	DESCRIPTION	MANUFACTURER
1	Fire Panel	Edwards
16	Smoke Detectors	Edwards
1	Heat Detectors	Edwards
47	Horns/Strobes	Edwards
10	Pull Stations	Edwards
4	Fire Hydrants	
1	Annunciator	Edwards
3	Water Flow	Edwards
2	NAC	Edwards
7	Tamper Switches	Edwards

16. OC Public Works, HCA Facility, 405 W. 5th St, Santa Ana
Building Coordinator: Derek Moore 714-834-3090

QTY	DESCRIPTION	MANUFACTURER
1	Fire Panel	Silent Knight
99	Smoke Detectors	Silent Knight
28	Horns/Strobes	Silent Knight
21	Pull Stations	Silent Knight
1	Annunciator	Silent Knight
8	Water Flow	Silent Knight
2	NAC	Silent Knight
16	Tamper Switches	Silent Knight
16	Door Holder	Silent Knight
22	Tamper & Flow	Silent Knight
1	Fire Pump & Controller	

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17. Auditor Controller, 1770 North Broadway, Santa Ana
Building Coordinator: Maribel Garcia 714-834-3495

QTY	DESCRIPTION	MANUFACTURER
1	Fire Alarm Panel	Notifier - NFS2-640
1	Annunciator	Notifier
75	Smoke Detectors	Notifier
13	Door Holders	Notifier
12	Pull Stations	Notifier
4	Duct Detectors	Notifier
7	Water Flow	Notifier
60	Horns/Strobes	Notifier
1	NAC	Notifier
9	Tamper Switches	Notifier
1	Elevator Recall	
16	Tamper & Flow	
1	Wet Riser	

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18. Hall of Administration, 333 Santa Ana Boulevard, Santa Ana
Building Coordinators: Melissa Corral 714-834-2092

QTY	DESCRIPTION	MANUFACTURER
1	Fire Alarm Panel	Simplex
1	Digital Dialer	Silent Knight
1	Power Supply-Door Holder Located below Fire Panel	Pyrotronics
29	Pull Stations	Simplex
288	Smoke Detectors	Simplex
9	Duct Detectors	Simplex
26	Heat Detectors	Simplex
17	Tamper Switches	Simplex
18	Water Flow	Simplex
55	Bells/Strobes Basement & 5 th floor	Pyrotronics
1	Jockey Pump	
2	Fire Pump Controllers	
1	Jockey Pump Comb Strater	
11	Door Holders One on third floor and on 5 th floor	Pyrotronics
1	Halon System A/P 2000	Ansul
71	Horn / Strobes	Simplex
1	Transponder	Simplex
1	NAC	Simplex
1	Annunciator	Simplex
31	Tamper & Flow	
1	Above Ceiling Smoke Detector	
1	Subfloor Detector	
3	Audio / Visual	
1	Abort	

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19. Central Utility Facility (CUF), 525 N. Flower St. Santa Ana

Building Coordinators: Nathaniel Smith 714-667-1647

Errol Russell 714-667-1646

QTY	DESCRIPTION	MANUFACTURER
1	Dialer 5104 B	Silent Knight
8	Pull Station	Siemens
1	Bell	
1	Siemens XLS Alarm Panel	Siemens
1	Remote Control/Annunciator	Siemens
10	Duct Detector	Siemens
26	Horns/ Strobes	Siemens
3	Tamper Switch Monitor Module	Siemens
1	Water Flow Monitor Module	Siemens
1	Smoke Detectors	Siemens
1	Transponder	Siemens
1	NAC	Siemens
1	Tamper & Flow	

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20. District Attorney, 300 North, Flower Street, Santa Ana
Building Coordinator: Larry Zerr 714-981-0994

QTY	DESCRIPTION	COMPONENT	SERIAL #	MANUFACTURER
1	Fire Alarm Control Panel	4100U	5434307	Simplex
2	Panel-Notifier(RP-1002-2 nd -3 rd)	4100U	5434307	Simplex
1	RCU	4602-9102		Simplex
1	Dialer Panel	2080-9023	11635	Simplex
1	Monitoring Panel	2080-9023		Simplex
112	Smoke Detectors	2098-9201		Simplex
32	Duct Detectors	4098-9702		Simplex
10	Heat Detectors	2098-9438		Simplex
34	Pull Stations	2099-9795		Simplex
64	Horn / Strobes	2902-9749		Simplex
18	Control Zam	2190-9163		Simplex
5	Class "A" Mon	2190-9153		Simplex
11	Water Flow	WFD25		System Sensor
37	Tamper Switches	727-300		Vitaulic
1	PIV			
1	Fire Pump			
1	Jockey Pump			
2	75# FM299 Cylinders -2 nd -3 rd)	14788TC		Kidde
2	Pull Stations-2 nd -3 rd floors			Kidde
4	Fm-200 Nozzles			Kidde
1	FM-200 Fire Suppression System Notifier Fire Panel 2nd Floor	RP-1002		Notifier
1	Halon HFC Fire Suppression System Fike – 1005 Panel Basement	10051		Fike
1	Transponder			Simplex
8	NAC			Simplex
2	Annunciator			Simplex
18	Door Holder			Simplex
45	Tamper & Flow			

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21. Sheriff's Forensic Headquarters, 320 North Flower Street, Santa Ana
Building Coordinator: Justin Paxon 714-834-6422

QTY	DESCRIPTION	COMPONENT	SERIAL #	MANUFACTURER
1	Fire Alarm Control Panel	4100-8201	I32255	Simplex
1	Fire Alarm Control Panel	4100-8401	I32270	Simplex
1	Fire Halon Control Panel 3 rd fl	4010-9101	H62788502	Simplex
1	RCU	4602-9102		Simplex
1	Pre-Action Control Panel 2 nd floor			Simplex
1	Pre-Action Halon Panel 4 th floor			Simplex
1	Dialer Panel	2080-9020		Simplex
1	Monitoring Panel	2080-9023		Simplex
89	Smoke Detectors			Simplex
26	Duct Detectors	4098-9702		Simplex
30	Heat Detectors	2098-9438		Simplex
68	Pull Stations	2099-9795		Simplex
156	Horn / Strobes	2902-9749		Simplex
32	Control Zam	2190-9163		Simplex
9	Class "A" Mon	2190-9153		Simplex
2	Class "B" Mon	2190-9155		Simplex
22	Water Flow	WFD25		Simplex
41	Tamper Switches	727-800		Simplex
1	PIV			
1	Fire Pump			
1	100# Halon Cylinder	1441G		
79	Warden Phone Jacks			Simplex
1	NAC			Simplex
2	Annunciator			Simplex
1	Dact			Simplex
36	Door Holder			Simplex
61	Tamper & Flow			Simplex
14	Above ceiling smoke detector			
14	Subfloor Detector			
6	Audio / Visual			
1	Abort			

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22. Hutton Towers Parking, 1002 Santa Ana Boulevard, Santa Ana
Building Coordinator: Shari Luther 714-667-9622

QTY	DESCRIPTION	MANUFACTURER
1	Fire Pump	
1	Fire Pump Controller	Mazam
1	PIV Tamper	Mazam
1	Pump Room Tamper	Mazam
1	Pump Room Monitor Zam	Mazam
1	Exhaust Fan Control	R. Zam
1	Hose Cabinet Riser	Mazam
1	Elevator Shat Tamper	R. Zam
1	Water Flow	R. Zam
1	Tamper	R. Zam

23. Stadium Parking, 1020 Civic Center Drive, Santa Ana
Building Coordinator: Shari Luther 714-667-9622

QTY	DESCRIPTION	MANUFACTURER
1	Fire Alarm	Simplex-4002
1	Silent Knight Digital	Silent Knight
4	Smoke Detectors	Simplex
11	Heat Detectors	Simplex
3	Water Flow	Simplex
24	Tamper Switches	Simplex
2	PIV Switches	Simplex
2	Horns thru-out the structure	Simplex
1	Jockey Pump & Controller	
1	Dact	
1	Tamper & Flow	
1	Fire Pump	

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24. Courthouse Parking Structure, 690 West Civic Center Drive, Santa Ana
Building Coordinator: Shari Luther 714-667-9622

QTY	DESCRIPTION	MANUFACTURER
1	Fire Panel	Gamewell- Zan 400
18	Pull Stations	Gamewell
1	Digital Dialer	Silent Knight-5230
1	Water Flow	Gamewell
7	Tamper & Flow	Gamewell
1	PIV Switches	Gamewell
18	Horns / Strobes	Gamewell
1	Fire Pump & Controller	
4	Heat Detectors	Gamewell
1	Tamper Switches	Gamewell
1	Dact	Gamewell
1	Fire Pump	

25. Health Care Agency, Epidemiology Lab, 1719 West 17th Street, Santa Ana
Building Coordinator: Jeannette Salvador 714-834-8279

QTY	DESCRIPTION	MANUFACTURER
1	Riser	
1	Water Flow Switch	
1	Outside bell	

26. Manchester Office Building Parking Structure #1, 343 City Drive, Orange
Building Coordinator: Shari Luther 714-667-9622

QTY	DESCRIPTION	MANUFACTURER
1	Fire Alarm Panel	Gamewell-Zan-400
1	Digital Dialer	Radionics- D207 1A
2	Smoke Detectors	Gamewell
2	Water Flow	Gamewell
6	Tamper Switches	Gamewell
1	Bell	Gamewell
1	Fire Pump & Controller	Gamewell
1	Pull Stations	Gamewell
6	Heat Detectors	Gamewell
1	Dact	Gamewell

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27. Manchester Office Building Parking Structure #2, 313 City Drive, Orange
Building Coordinator: Shari Luther 714-667-9622

QTY	DESCRIPTION	MANUFACTURER
1	Fire Alarm Panel	Gamewell-Zan-400
1	Digital Dialer	Radionics-D207 1A
2	Smoke Detectors	Gamewell
2	Water Flow	Gamewell
6	Tamper Switches	Gamewell
1	Bell	Gamewell
1	Fire Pump & Controller	Gamewell
1	Pull Stations	Gamewell
6	Heat Detectors	Gamewell
1	Dact	Gamewell

28. Harbor Patrol Headquarters, 1901 Bayside Drive, Newport Beach
Building Coordinator, Greg Kibby 949-673-1819

QTY	DESCRIPTION	MANUFACTURER
1	Fire Panel	Fire Light
1	Dialer	Silent Knight
5	Pull Stations	Fire Light
13	Horn/Strobes	Fire Light
2	PIV Switches	Fire Light
1	Horn/Outside	Fire Light
1	Test Valve	
1	Smoke Detector	Fire Light
1	NAC	Fire Light
1	Annunciator	Fire Light
1	Water Flow	Fire Light
1	Tamper Switches	Fire Light
4	Tamper & Flow	

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29. Youth Guidance Center, 3030 N. Hesperian Rd. Santa Ana
Building Coordinator: Terry Johnson 714-836- 2709

QTY	DESCRIPTION	MANUFACTURER
1	Fire Alarm Control Panel	Simplex 4120
6	Annunciator	Gamewell
190	Smoke Detectors	Gamewell
17	Bells	Simplex
31	Pull Stations	Gamewell
12	Duct Detectors	Gamewell
2	Batteries	
2	Fire Hydrants	
2	Hood Suppression Systems PLC	Pyro Chem
1	Back Flow Device	
1	Header Valve	
79	Horn / Strobes	Gamewell
3	NAC	Gamewell

30. OC Public Works/Operations & Maintenance (O & M) and OC Watershed Lab,
2245 Glassell Street, Orange
Building Coordinator: Christine Knapp 714-955-0632

QTY	DESCRIPTION	MANUFACTURER
1	Dialer	Silent Knight
1	Annunciator	Silent Knight
2	Water Flow Switches	Silent Knight
2	Tamper Switches	Silent Knight
3	PIV	
1	Water Gong	
1	Fire Hydrant	

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31. Bella's Kitchen, 301 City Drive Orange
Building Coordinator, Ronald Santa Cruz 714-564-9664

QTY	DESCRIPTION	MANUFACTURER
1	Hood Suppression System PCL 460	Pyro Chem

32. Los Alamitos Pump Station, 7000 2nd Street, Seal Beach
Building Coordinator: Leonel Estrada 714-955-0311

QTY	DESCRIPTION	MANUFACTURER
1	Fire Alarm Panel	Silent Knight - SK-5208
1	Pull Stations	Silent Knight
1	Smoke Detectors	Silent Knight
2	Horn/Strobes	Silent Knight
1	Water Flow	Silent Knight
1	Tamper Switches	Silent Knight
1	Dact (Dialer Panel)	Silent Knight
1	Wet Riser	

33. Civic Center Parking Structure, 510 Flower Street. Santa Ana
Building Coordinator: Shari Luther 714-667-9622

QTY	DESCRIPTION
1	Water Flow Switch
1	Riser

34. Appellate Court Parking Structure, 19 Civic Center, Santa Ana
Building Coordinator: Shari Luther 714-667-9622

QTY	DESCRIPTION	MANUFACTURER
8	Fire Hose Connection	
1	Auxiliary Test Valve	
2	Dry Stand Pipe	
3	Smoke Detector	Notifier
1	Heat Detector	Notifier

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35. OC Public Works/Transportation, 445 West Civic Center Drive, Santa Ana
Building Coordinator: Administration 1st and 2nd floors, Juan Ochoa 714-834-2140

QTY	DESCRIPTION	MANUFACTURER
1	Fire Panel 7100	Faraday
18	Pull Stations	Faraday
41	Smoke Detectors	Faraday
23	Heat Detectors	Faraday
80	Audio/Visual	Faraday
28	Horn / Strobes	Faraday
2	NAC	Faraday
1	Annunciator	Faraday
2	Water Flow Valve	Faraday
2	Tamper Switches	Faraday
1	Dact	Faraday
18	Door Holder	Faraday
4	Tamper & Flow	
2	Power Supply	Faraday
1	Enunciator	Faraday
2	Risers	
1	Damper Switch	

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36. Social Services Agency, 800 N. Eckhoff St., Orange
Building Coordinator: Peter Warren 714-541-7747

QTY	DESCRIPTION	MANUFACTURER
1	Fire Alarm Panel	Notifier – NFS-320
1	Dact (Dialer Panel)	Notifier
1	Duct Detectors	Notifier
14	Smoke Detectors	Notifier
49	Horn/Strobes	Notifier
9	Pull Stations	Notifier
1	Water Flow	Notifier
2	Tamper Switches	Notifier
1	NAC	Notifier
1	Elevator Recall	
1	Wet Riser	
1	Dry Riser	
1	PIV	

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37. Social Services Agency/Sheriffs Communications, 840 N. Eckhoff St., Orange
Building Coordinator: Peter Warren 714-541-7747

QTY	DESCRIPTION	MANUFACTURER
1	Fire Alarm Panel	Notifier – NFS-320
1	Dact (Dialer Panel)	Notifier
54	Duct Detectors	Notifier
37	Smoke Detectors	Notifier
167	Horn/Strobes	Notifier
15	Pull Stations	Notifier
3	Water Flow	Notifier
4	Tamper Switches	Notifier
2	NAC	Notifier
1	Elevator Recall	
3	Wet Riser	
3	PIV	
4	Fire Hydrant	

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38. OC Public Works/O&M/OC Watershed and Geomatics,2301 North Glassell Street, Orange

Building Coordinator: Lori Hanson 714-955-0231

QTY	DESCRIPTION	MANUFACTURER
1	Dialer	Silent Knight
2	Flow Switches	
1	Out Side Bell	
35	Smokes Battery Operated	
2	Smoke Detectors	Silent Knight
1	Horn / Strobes	Silent Knight
1	Water Flow	Silent Knight
1	Tamper Switches	Silent Knight
1	Tamper & Flow	
2	Fire Hydrant	

39. Health Care Agency, Annex, 1725 West 17th Street, Building B, Santa Ana

Building Coordinator: Jeremy Harris 714-834-7856

QTY	DESCRIPTION	MANUFACTURER
1	Fire Alarm Panel	Fire Lite-MS 5024 UD
1	Annunciator Located at 1725 Bldg.	Fire Lite
1	Pull Station	Fire Lite
1	Smoke Detector	Fire Lite
5	Duct Detectors	Fire Lite
4	Strobes	Fire Lite
3	Horn / Strobes	Fire Lite

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40. Health Care Agency Lab, 1729 West 17th Street, Santa Ana
Building Coordinator: Jeannette Salvador 714-834-8279

QTY	DESCRIPTION	MANUFACTURER
1	Fire Panel	Notifier-AFP-200
6	Pull Stations	Notifier
1	Digital Dialer	Radionics
5	Heat Detectors	Notifier
45	Smoke Detectors	Notifier
27	Strobes	Notifier
25	Horn/Strobes	Notifier
1	Annunciator	Notifier
1	Dact	Notifier

41. OC Public Works/Fleet Maintenance #5, 30102 Pacific Island Drive, Laguna Niguel
Building Coordinator: John White 994-831-0590

QTY	DESCRIPTION	MANUFACTURER
1	Fire Panel Dialer part of Panel	Silent Night-5208
1	Pull Stations	Silent Night
2	Horn / Strobes	Silent Night
1	Annunciator	Silent Night
3	Smoke Detectors	Silent Night
3	Heat Detectors	Silent Night

42. OC Public Works Probation / Sheriff, Courts, 909 N. Main St, Santa Ana
Building Coordinator: Probation - Sarah Guidi 714-569-2063
Sheriff - Latha Sharaschandra 714-569-3777

QTY	DESCRIPTION	MANUFACTURER
1	Fire Panel	Siemens
1	Pull Stations	Siemens
248	Horn / Strobes	Siemens
4	Heat Detectors	Siemens
23	Smoke Detectors	Siemens
30	Duct Detectors	Siemens
7	NAC	Siemens
1	Annunciator	Siemens
1	Water Flow	Siemens
1	Tamper Switches	Siemens
19	Door Holder	Siemens
2	Tamper & Flow	Siemens

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43. Youth Leadership Academy, 3155 West Justice Center Way, Orange
Building Coordinator: Molly Mugica 714-935-7098

QTY	DESCRIPTION	COMPONENT	MANUFACTURER
2	Hood Suppression Systems	R 102	Ansul

44. OC Public Works/ Probation, 23271 Verdugo Drive, Laguna Hills
Building Coordinator: Jessica Johnson 714-569-2139

QTY	DESCRIPTION	MANUFACTURER
1	Fire Panel Dialer part of Panel	Silent Night-6808
6	Pull Stations	Silent Night
67	Smoke Detectors	Silent Night
24	Horn / Strobes	Silent Night
1	Annunciator	Silent Night
1	Fire Hydrant	

45. Rossmoor Pump Station, 7500 E. Willow St., Long Beach
Building Coordinator: Leonel Estrada 714-955-0311

QTY	DESCRIPTION	MANUFACTURER
1	Wet Riser	

ADDITIONAL WORK:

- A. Upon County request, Contractor shall submit supplemental proposals for Additional Work not called for under the Scope of Work of this Contract. Contractor must obtain County Project Manager's written approval prior to commencing any additional work.
- B. County reserves the right to obtain supplemental proposals from, and use, alternate sources for completion of the additional work and to utilize the data provided under this Contract to obtain necessary services.

- C. If County authorizes work by an alternate source, Contractor may be relieved of responsibilities pertaining to the equipment affected by the project while work is being performed and during the subsequent warranty period.
- D. Contractor shall continue to provide services to all areas not affected by work provided by alternate sources.
- E. Upon completion of any additional work, whether by Contractor or an alternative source, County's Project Manager or designee and Contractor will inspect the finished product at no additional cost to County. Upon mutual acceptance of the additional work, Contractor shall again be responsible for all services originally covered under this Contract and the work performed under this section.

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**ATTACHMENT B
 CONTRACTOR'S PRICING**

I. COMPENSATION: This firm fixed price Contract between County and Contractor for Fire Alarm Systems Maintenance-Repair, as set forth in Attachment "A" Scope of Work".

II. Contractor agrees to accept the specified compensation as set forth in this Contract as full remuneration for performing all services and furnishing all staffing, shipping/freight, labor and materials required, for any reasonably unforeseen difficulties which may arise or be encountered in the execution of the services until acceptance, for risks connected with the services, and for performance by Contractor of all its duties and obligations hereunder. Contractor shall only be compensated as set forth herein below for work performed in accordance with the Scope of Work. **County shall have no obligation to pay any sum in excess of the Fixed Prices specified herein unless authorized by amendment in accordance with Paragraphs 21 and 36 of County Contract Terms and Conditions.**

III. FEES AND CHARGES: Payment shall be made in accordance with the provisions of this Contract; monthly, quarterly, semi-annually and annually (yearly) as scheduled below:

A. Pricing – Fire Alarm Maintenance-Repair

Pricing - Fire Alarm Maintenance and Repair	1. OCPW/OCFO 1143 E. Fruit St. Santa Ana		2. OCPW/Road-Flood-Planning-Construction 1152 E. Fruit St. Santa Ana		3. OCPW/Fleet Maintenance Shop #1 1102 E. Fruit St. Santa Ana	
	OTHER	YEARLY	OTHER	YEARLY	OTHER	YEARLY
INSPECT/TEST - FIRE ALARM Inspect and test 100% of the fire alarm system - Annually per calendar year. Clean smoke detectors- 1st of the year. Test smoke detector sensitivity (Annually per calendar year)		\$3,240		\$2,807		\$2,433
INSPECT/TEST - FIRE SPRINKLER SYSTEM Inspect and test fire sprinkler system (Quarterly per calendar year) [100% of system/test-four (4) tests/year]	Per Test/ Quarterly \$234.50	\$938	Per Test/ Quarterly \$222.25	\$889		
SPRINKLER SYSTEM (5 year inspection)		\$1,467		\$1,467		
FIRE ALARM PANEL BATTERY TESTING (Quarterly)	Per Test/Quarterly \$215	\$645	Per Test/Quarterly \$215	\$645	Per Test/Quarterly \$215	\$645
MAINTENANCE - GENERAL - MONTHLY Inspect, test, adjust, clean and lubricate; preventative maintenance; and maintain system in operable condition	Per Month \$729	\$8,748	Per Month \$749.66	\$8,996	Per Month \$825.41	\$9,905
FIRE DRILLS (Two per year)						
FIRE HYDRANT TESTING (Annually per calendar year)						
FIRE PUMP CHURN (Monthly) One Jockey Pump & One Fire Pump						
FIRE PUMP TEST (Annually per calendar year)						
STAIRWELL PRESSURIZATION TESTING (Annually per calendar year)						
EXHAUST EVACUATION TEST (Annually per calendar year)						
SPECIAL HAZARDS FM200 OR HALON SYSTEM OR PRE-ACTION (Semi-Annually) Leak Detection Inspect/Test (Annually per calendar year)						
TEST HOOD SUPPRESSION SYSTEM (semi-annually)						
DOOR INSPECTION (Roll Down Fire Door Inspection)		\$294				
ANNUAL TOTAL FOR PREDETERMINED PRICES		\$15,332		\$14,804		\$12,983

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A	Pricing - Fire Alarm Maintenance and Repair	4. County Operations Center 1300 S. Grand, Bldg. A Santa Ana		5. County Operations Center 1300 S. Grand, Bldg. B Santa Ana		6. County Operations Center 1300 S. Grand, Bldg. C Santa Ana	
		OTHER	YEARLY	OTHER	YEARLY	OTHER	YEARLY
1	INSPECT/TEST - FIRE ALARM Inspect and test 100% of the fire alarm system - Annually per calendar year. Clean smoke detectors- 1st of the year. Test smoke detector sensitivity (Annually per calendar year)		\$1,522		\$3,501		\$2,564
2	INSPECT/TEST - FIRE SPRINKLER SYSTEM Inspect and test fire sprinkler system (Quarterly per calendar year) [100% of system/test-four (4) tests/year]	Per Test/ Quarterly \$211.75	\$847			Per Test/ Quarterly \$307	\$1,228
3	SPRINKLER SYSTEM (5 year inspection)		\$1,467				\$2,722
4	FIRE ALARM PANEL BATTERY TESTING (Quarterly)	Per Test/Quarterly \$215	\$645	Per Test/Quarterly \$215	\$645	Per Test/Quarterly \$215	\$645
5	MANTENANCE - GENERAL - MONTHLY Inspect, test, adjust, clean and lubricate; preventative maintenance; and maintain system in operable condition	Per Month \$580.50	\$6,966	Per Month \$782.58	\$9,391	Per Month \$738	\$8,856
6	FIRE DRILLS (Two per year)						
7	FIRE HYDRANT TESTING (Annually per calendar year)		\$457				\$457
8	FIRE PUMP CHURN (Monthly) One Jockey Pump & One Fire Pump						
9	FIRE PUMP TEST (Annually per calendar year)						
10	STAIRWELL PRESSURIZATION TESTING (Annually per calendar year)						
11	EXHAUST EVACUATION TEST (Annually per calendar year)						
12	SPECIAL HAZARDS FM200 OR HALON SYSTEM OR PRE-ACTION (Semi-Annually)	Per Test/ Semi-Annual \$494.50	\$989			Per Test/ Semi-Annual \$493	\$986
13	Leak Detection Inspect/Test (Annually per calendar year)						
14	TEST HOOD SUPPRESSION SYSTEM (semi-annually)						
15	DOOR INSPECTION (Roll Down Fire Door Inspection)						
	ANNUAL TOTAL FOR PREDETERMINED SERVICES		\$12,893		\$13,537		\$17,458

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A	Pricing - Fire Alarm Maintenance and Repair	7. Law Library 515 N. Flower St. Santa Ana		8. Health Care Agency 1725 West 17th St. Santa Ana		9. Manchester Office Bldg. 301 The City Drive Orange	
		OTHER	YEARLY	OTHER	YEARLY	OTHER	YEARLY
1	INSPECT/TEST - FIRE ALARM Inspect and test 100% of the fire alarm system - Annually per calendar year. Clean smoke detectors- 1st of the year. Test smoke detector sensitivity (Annually per calendar year)		\$3,942		\$5,919		\$2,921
2	INSPECT/TEST - FIRE SPRINKLER SYSTEM Inspect and test fire sprinkler system (Quarterly per calendar year) [100% of system/test-four (4) tests/year]	Per Test/ Quarterly \$257.25	\$1,029	Per Test/ Quarterly \$352.50	\$1,410	Per Test/ Quarterly \$301.75	\$1,207
3	SPRINKLER SYSTEM (5 year inspection)		\$1,467		\$2,722		\$1,467
4	FIRE ALARM PANEL BATTERY TESTING (Quarterly)	Per Test/Quarterly \$215	\$645	Per Test/Quarterly \$215	\$645	Per Test/Quarterly \$215	\$645
5	MANTENANCE - GENERAL - MONTHLY Inspect, test, adjust, clean and lubricate; preventative maintenance; and maintain system in operable condition	Per Month \$807.83	\$9,694	Per Month \$977.33	\$11,728	Per Month \$844.25	\$10,131
6	FIRE DRILLS (Two per year)						
7	FIRE HYDRANT TESTING (Annually per calendar year)						
8	FIRE PUMP CHURN (Monthly) One Jockey Pump & One Fire Pump						
9	FIRE PUMP TEST (Annually per calendar year)						
10	STAIRWELL PRESSURIZATION TESTING (Annually per calendar year)						
11	EXHAUST EVACUATION TEST (Annually per calendar year)						
12	SPECIAL HAZARDS FM200 OR HALON SYSTEM OR PRE-ACTION (Semi-Annually)					Per Test/ Semi-Annual \$874.50	\$1,749
13	Leak Detection Inspect/Test (Annually per calendar year)						
14	TEST HOOD SUPPRESSION SYSTEM (semi-annually)						
15	DOOR INSPECTION (Roll Down Fire Door Inspection)				\$1,766		
	ANNUAL TOTAL FOR PREDETERMINED SERVICES		\$16,777		\$24,190		\$18,120

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A	Pricing - Fire Alarm Maintenance and Repair	10. Juvenile Hall 331 The City Drive Orange		11. Fleet Maint Shop #2 2023 West Collins St. Orange		12. OCPW/ Ag. Lab/ O&M Warehouse 222 East Bristol Lane Orange		
		FREQUENCY	OTHER	YEARLY	OTHER	YEARLY	OTHER	YEARLY
1	INSPECT/TEST - FIRE ALARM Inspect and test 100% of the fire alarm system - Annually per calendar year. Clean smoke detectors- 1st of the year. Test smoke detector sensitivity (Annually per calendar year)			\$25,281		\$790		\$262
2	INSPECT/TEST - FIRE SPRINKLER SYSTEM Inspect and test fire sprinkler system (Quarterly per calendar year) [100% of system/test-four (4) tests/year]	Per Test/ Quarterly \$828.50	\$3,314	Per Test/ Quarterly \$211.75	\$847	Per Test/ Quarterly \$211.75	\$847	
3	SPRINKLER SYSTEM (5 year inspection)		\$9,001		\$1,467		\$1,467	
4	FIRE ALARM PANEL BATTERY TESTING (Quarterly)	Per Test/Quarterly \$430	\$1,290	Per Test/Quarterly \$215	\$645	Per Test/Quarterly \$215	\$645	
5	MAINTENANCE - GENERAL - MONTHLY Inspect, test, adjust, clean and lubricate; preventative maintenance; and maintain system in operable condition	Per Month \$3,658	\$43,896	Per Month \$513.91	\$6,167	Per Month \$446.33	\$5,356	
6	FIRE DRILLS (Two per year)							
7	FIRE HYDRANT TESTING (Annually per calendar year)		\$1,600					
8	FIRE PUMP CHURN (Monthly) One Jockey Pump & One Fire Pump							
9	FIRE PUMP TEST (Annually per calendar year)							
10	STAIRWELL PRESSURIZATION TESTING (Annually per calendar year)							
11	EXHAUST EVACUATION TEST (Annually per calendar year)							
12	SPECIAL HAZARDS FM200 OR HALON SYSTEM OR PRE-ACTION (Semi-Annually)							
13	Leak Detection Inspect/Test (Annually per calendar year)							
14	TEST HOOD SUPPRESSION SYSTEM (semi-annually)	Per Test/ Semi-Annual \$184.50	\$369					
15	DOOR INSPECTION (Roll Down Fire Door Inspection)							
	ANNUAL TOTAL FOR PREDETERMINED SERVICES		\$84,751		\$9,916		\$8,577	

County of Orange, OC Public Works
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A	Pricing - Fire Alarm Maintenance and Repair	13. Joplin Youth Center 19480 Rose Canyon Road Trabuco Canyon		14. County Facility Laguna Niguel 30143 Crown Valley Pkwy Laguna Niguel		15. HCA Facility 401 South Tustin St Orange		
		FREQUENCY	OTHER	YEARLY	OTHER	YEARLY	OTHER	YEARLY
1	INSPECT/TEST - FIRE ALARM Inspect and test 100% of the fire alarm system - Annually per calendar year. Clean smoke detectors- 1st of the year. Test smoke detector sensitivity (Annually per calendar year)			\$3,725		\$2,494		\$1,252
2	INSPECT/TEST - FIRE SPRINKLER SYSTEM Inspect and test fire sprinkler system (Quarterly per calendar year) [100% of system/test-four (4) tests/year]	Per Test/ Quarterly \$671.25		\$2,685			Per Test/ Quarterly \$433.25	\$1,733
3	SPRINKLER SYSTEM (5 year inspection)			\$6,489				\$3,978
4	FIRE ALARM PANEL BATTERY TESTING (Quarterly)	Per Test/Quarterly \$215		\$645	Per Test/Quarterly \$215	\$645	Per Test/Quarterly \$215	\$645
5	MANTENANCE - GENERAL - MONTHLY Inspect, test, adjust, clean and lubricate; preventative maintenance; and maintain system in operable condition	Per Month \$827.25		\$9,927	Per Month \$699	\$8,388	Per Month \$590.08	\$7,081
6	FIRE DRILLS (Two per year)							
7	FIRE HYDRANT TESTING (Annually per calendar year)							\$914
8	FIRE PUMP CHURN (Monthly) One Jockey Pump & One Fire Pump	Per Month \$668.18		\$7,350				
9	FIRE PUMP TEST (Annually per calendar year)			\$1,103				
10	STAIRWELL PRESSURIZATION TESTING (Annually per calendar year)							
11	EXHAUST EVACUATION TEST (Annually per calendar year)							
12	SPECIAL HAZARDS FM200 OR HALON SYSTEM OR PRE-ACTION (Semi-Annually)							
13	Leak Detection Inspect/Test (Annually per calendar year)							
14	TEST HOOD SUPPRESSION SYSTEM (semi-annually)	Per Test/ Semi-Annual \$192.50		\$385				
15	DOOR INSPECTION (Roll Down Fire Door Inspection)							
	ANNUAL TOTAL FOR PREDETERMINED SERVICES			\$32,309		\$11,527		\$15,603

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A	Pricing - Fire Alarm Maintenance and Repair	16. HCA Facility 405 West 5th St Santa Ana		17. Auditor Controller 1770 N. Broadway Santa Ana		18. Hall of Administration 333 Santa Ana Blvd Santa Ana		
		FREQUENCY	OTHER	YEARLY	OTHER	YEARLY	OTHER	YEARLY
1	INSPECT/TEST - FIRE ALARM Inspect and test 100% of the fire alarm system - Annually per calendar year. Clean smoke detectors- 1st of the year. Test smoke detector sensitivity (Annually per calendar year)			\$3,622		\$7,252		\$9,813
2	INSPECT/TEST - FIRE SPRINKLER SYSTEM Inspect and test fire sprinkler system (Quarterly per calendar year) [100% of system/test-four (4) tests/year]	Per Test/ Quarterly \$461.75		\$1,847	Per Test/ Quarterly \$393.50	\$1574	Per Test/ Quarterly \$659.25	\$2,637
3	SPRINKLER SYSTEM (5 year inspection)			\$1,467		\$1,467		\$2,722
4	FIRE ALARM PANEL BATTERY TESTING (Quarterly)	Per Test/Quarterly \$215		\$645	Per Test/Quarterly \$215	\$645	Per Test/Quarterly \$215	\$645
5	MAINTENANCE - GENERAL - MONTHLY Inspect, test, adjust, clean and lubricate; preventative maintenance; and maintain system in operable condition	Per Month \$785.16		\$9,422	Per Month \$430	\$5,160	Per Month \$1,378.08	\$16,537
6	FIRE DRILLS (Two per year)							
7	FIRE HYDRANT TESTING (Annually per calendar year)							
8	FIRE PUMP CHURN (Monthly) One Jockey Pump & One Fire Pump	Per Month \$668.18		\$7,350			Per Month \$668.18	\$7,350
9	FIRE PUMP TEST (Annually per calendar year)			\$1,103				\$1,103
10	STAIRWELL PRESSURIZATION TESTING (Annually per calendar year)							
11	EXHAUST EVACUATION TEST (Annually per calendar year)							
12	SPECIAL HAZARDS FM200 OR HALON SYSTEM OR PRE-ACTION (Semi-Annually)						Per Test/ Semi-Annual \$539	\$1,078
13	Leak Detection Inspect/Test (Annually per calendar year)							
14	TEST HOOD SUPPRESSION SYSTEM (semi-annually)							
15	DOOR INSPECTION (Roll Down Fire Door Inspection)							
	ANNUAL TOTAL FOR PREDETERMINED SERVICES			\$25,456		\$16,098		\$41,885

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A	Pricing - Fire Alarm Maintenance and Repair	19. Central Utility Facility 525 North Flower Street Santa Ana		20. District Attorney 300 North Flower Santa Ana		21. Sheriff Forensic 320 North Flower Santa Ana	
		OTHER	YEARLY	OTHER	YEARLY	OTHER	YEARLY
1	INSPECT/TEST - FIRE ALARM Inspect and test 100% of the fire alarm system - Annually per calendar year. Clean smoke detectors- 1st of the year. Test smoke detector sensitivity (Annually per calendar year)		\$1,051		\$6,470		\$6,285
2	INSPECT/TEST - FIRE SPRINKLER SYSTEM Inspect and test fire sprinkler system (Quarterly per calendar year) [100% of system/test-four (4) tests/year]	Per Test/ Quarterly \$234.50	\$938	Per Test/ Quarterly \$733.25	\$2,933	Per Test/ Quarterly \$1,000	\$4,000
3	SPRINKLER SYSTEM (5 year inspection)		\$1,467		\$1,467		\$2,722
4	FIRE ALARM PANEL BATTERY TESTING (Quarterly)	Per Test/Quarterly \$215	\$645	Per Test/Quarterly \$215	\$645	Per Test/Quarterly \$215	\$645
5	MAINTENANCE - GENERAL - MONTHLY Inspect, test, adjust, clean and lubricate; preventative maintenance; and maintain system in operable condition	Per Month \$575	\$6,900	Per Month \$1,228.91	\$14,747	Per Month \$1,330.50	\$15,966
6	FIRE DRILLS (Two per year)						
7	FIRE HYDRANT TESTING (Annually per calendar year)						
8	FIRE PUMP CHURN (Monthly) One Jockey Pump & One Fire Pump			Per Month \$668.18	\$7,350	Per Month \$668.18	\$7,350
9	FIRE PUMP TEST (Annually per calendar year)				\$1,103		\$1,103
10	STAIRWELL PRESSURIZATION TESTING (Annually per calendar year)				\$1,290		\$1,290
11	EXHAUST EVACUATION TEST (Annually per calendar year)						
12	SPECIAL HAZARDS FM200 OR HALON SYSTEM OR PRE-ACTION (Semi-Annually)					Per Test/ Semi-Annual \$1,263.50	\$2,527
13	Leak Detection Inspect/Test (Annually per calendar year)						
14	TEST HOOD SUPPRESSION SYSTEM (semi-annually)						
15	DOOR INSPECTION (Roll Down Fire Door Inspection)						
	ANNUAL TOTAL FOR PREDETERMINED SERVICES		\$11,001		\$36,005		\$41,888

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A	Pricing - Fire Alarm Maintenance and Repair	22. Hutton Towers Parking 1002 Santa Ana Blvd Santa Ana		23. Stadium Parking 1020 Civic Center Drive Santa Ana		24. Courthouse Parking 690 West Civic Center Drive Santa Ana	
		OTHER	YEARLY	OTHER	YEARLY	OTHER	YEARLY
1	INSPECT/TEST - FIRE ALARM Inspect and test 100% of the fire alarm system - Annually per calendar year. Clean smoke detectors- 1st of the year. Test smoke detector sensitivity (Annually per calendar year)				\$718		\$489
2	INSPECT/TEST - FIRE SPRINKLER SYSTEM Inspect and test fire sprinkler system (Quarterly per calendar year) [100% of system/test-four (4) tests/year]	Per Test/ Quarterly \$302.75	\$1,211	Per Test/ Quarterly \$495.75	\$1,983	Per Test/ Quarterly \$301.75	\$1,207
3	SPRINKLER SYSTEM (5 year inspection)		\$1,467		\$1,467		\$1,467
4	FIRE ALARM PANEL BATTERY TESTING (Quarterly)			Per Test/ Quarterly \$215	\$645	Per Test/ Quarterly \$215	\$645
5	MANTENANCE - GENERAL - MONTHLY Inspect, test, adjust, clean and lubricate; preventative maintenance; and maintain system in operable condition			Per Month \$523.66	\$6,284	Per Month \$491.58	\$5,899
6	FIRE DRILLS (Two per year)						
7	FIRE HYDRANT TESTING (Annually per calendar year)						
8	FIRE PUMP CHURN (Monthly) One Jockey Pump & One Fire Pump	Per Month \$668.18	\$7,350	Per Month \$668.18	\$7,350	Per Month \$668.18	\$7,350
9	FIRE PUMP TEST (Annually per calendar year)		\$1,103		\$1,103		\$1,103
10	STAIRWELL PRESSURIZATION TESTING (Annually per calendar year)						
11	EXHAUST EVACUATION TEST (Annually per calendar year)						
12	SPECIAL HAZARDS FM200 OR HALON SYSTEM OR PRE-ACTION (Semi-Annually)						
13	Leak Detection Inspect/Test (Annually per calendar year)						
14	TEST HOOD SUPPRESSION SYSTEM (semi-annually)						
15	DOOR INSPECTION (Roll Down Fire Door Inspection)						
	ANNUAL TOTAL FOR PREDETERMINED SERVICES		\$11,131		\$19,550		\$18,160

**County of Orange, OC Public Works
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A	Pricing - Fire Alarm Maintenance and Repair	25. HCA Epidemiology Lab 1719 West 17th Street Santa Ana,		26. MOB Parking Structures # 1 343 The City Drive Orange		27. MOB Parking Structures # 2 313 The City Drive Orange	
		FREQUENCY	OTHER	YEARLY	OTHER	YEARLY	OTHER
1	INSPECT/TEST - FIRE ALARM Inspect and test 100% of the fire alarm system - Annually per calendar year. Clean smoke detectors- 1st of the year. Test smoke detector sensitivity (Annually per calendar year)					\$490	\$490
2	INSPECT/TEST - FIRE SPRINKLER SYSTEM Inspect and test fire sprinkler system (Quarterly per calendar year) [100% of system/test-four (4) tests/year]	Per Test/ Quarterly \$211.75	\$847	Per Test/ Quarterly \$280	\$1,120	Per Test/ Quarterly \$280	\$1,120
3	SPRINKLER SYSTEM (5 year inspection)		\$1,467		\$1,467		\$1,467
4	FIRE ALARM PANEL BATTERY TESTING (Quarterly)			Per Test/Quarterly \$215	\$645	Per Test/Quarterly \$215	\$645
5	MANTENANCE - GENERAL - MONTHLY Inspect, test, adjust, clean and lubricate; preventative maintenance; and maintain system in operable condition			Per Month \$485.16	\$5,822	Per Month \$485.16	\$5,822
6	FIRE DRILLS (Two per year)						
7	FIRE HYDRANT TESTING (Annually per calendar year)						
8	FIRE PUMP CHURN (Monthly) One Jockey Pump & One Fire Pump			Per Month \$668.18	\$7,350	Per Month \$668.18	\$7,350
9	FIRE PUMP TEST (Annually per calendar year)				\$1,103		\$1,103
10	STAIRWELL PRESSURIZATION TESTING (Annually per calendar year)						
11	EXHAUST EVACUATION TEST (Annually per calendar year)						
12	SPECIAL HAZARDS FM200 OR HALON SYSTEM OR PRE-ACTION (Semi-Annually)						
13	Leak Detection Inspect/Test (Annually per calendar year)						
14	TEST HOOD SUPPRESSION SYSTEM (semi-annually)						
15	DOOR INSPECTION (Roll Down Fire Door Inspection)						
	ANNUAL TOTAL FOR PREDETERMINED SERVICES		\$2,314		\$17,997		\$17,997

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A	Pricing - Fire Alarm Maintenance and Repair	28. Harbor Patrol HQ 1901 Bayside Drive Newport Beach		29. Youth Guidance Center 3030 North Hesperian Road Santa Ana		30. OCPW / Watershed Lab 2245 Glassell Street Orange		
		FREQUENCY	OTHER	YEARLY	OTHER	YEARLY	OTHER	YEARLY
1	INSPECT/TEST - FIRE ALARM Inspect and test 100% of the fire alarm system - Annually per calendar year. Clean smoke detectors- 1st of the year. Test smoke detector sensitivity (Annually per calendar year)			\$503		\$6,766		\$287
2	INSPECT/TEST - FIRE SPRINKLER SYSTEM Inspect and test fire sprinkler system (Quarterly per calendar year) [100% of system/test-four (4) tests/year]	Per Test/ Quarterly \$278		\$1,112			Per Test/ Quarterly \$338	\$1,352
3	SPRINKLER SYSTEM (5 year inspection)			\$1,467				\$2,722
4	FIRE ALARM PANEL BATTERY TESTING (Quarterly)	Per Test/Quarterly \$215		\$645	Per Test/Quarterly \$215	\$645	Per Test/Quarterly \$215	\$645
5	MANTENANCE - GENERAL - MONTHLY Inspect, test, adjust, clean and lubricate; preventative maintenance; and maintain system in operable condition	Per Month \$490.91		\$5,891	Per Month \$1,077.41	\$12,929	Per Month \$451.33	\$5,416
6	FIRE DRILLS (Two per year)							
7	FIRE HYDRANT TESTING (Annually per calendar year)					\$457		\$229
8	FIRE PUMP CHURN (Monthly) One Jockey Pump & One Fire Pump							
9	FIRE PUMP TEST (Annually per calendar year)							
10	STAIRWELL PRESSURIZATION TESTING (Annually per calendar year)							
11	EXHAUST EVACUATION TEST (Annually per calendar year)							
12	SPECIAL HAZARDS FM200 OR HALON SYSTEM OR PRE-ACTION (Semi-Annually)							
13	Leak Detection Inspect/Test (Annually per calendar year)							
14	TEST HOOD SUPPRESSION SYSTEM (semi-annually)				Per Test/ Semi-Annual \$309.50	\$619		
15	DOOR INSPECTION (Roll Down Fire Door Inspection)							
	ANNUAL TOTAL FOR PREDETERMINED SERVICES			\$9,618		\$21,416		\$10,651

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A	Pricing - Fire Alarm Maintenance and Repair	31. Bella's Kitchen 301 The City Dr Orange		32. Los Alamitos Pump Station 7000 2 nd Street Seal Beach		33. Civic Center Parking 510 Flower Street Santa Ana	
		OTHER	YEARLY	OTHER	YEARLY	OTHER	YEARLY
1	INSPECT/TEST - FIRE ALARM Inspect and test 100% of the fire alarm system - Annually per calendar year. Clean smoke detectors- 1st of the year. Test smoke detector sensitivity (Annually per calendar year)				\$922		
2	INSPECT/TEST - FIRE SPRINKLER SYSTEM Inspect and test fire sprinkler system (Quarterly per calendar year) [100% of system/test-four (4) tests/year]			Per Test/ Quarterly \$211.75	\$847	Per Test/ Quarterly \$234.50	\$938
3	SPRINKLER SYSTEM (5 year inspection)				\$1,813		\$1,467
4	FIRE ALARM PANEL BATTERY TESTING (Quarterly)			Per Test/Quarterly \$215	\$645		
5	MANTENANCE - GENERAL - MONTHLY Inspect, test, adjust, clean and lubricate; preventative maintenance; and maintain system in operable condition			Per Month \$430	\$5,160		
6	FIRE DRILLS (Two per year)						
7	FIRE HYDRANT TESTING (Annually per calendar year)						
8	FIRE PUMP CHURN (Monthly) One Jockey Pump & One Fire Pump						
9	FIRE PUMP TEST (Annually per calendar year)						
10	STAIRWELL PRESSURIZATION TESTING (Annually per calendar year)						
11	EXHAUST EVACUATION TEST (Annually per calendar year)						
12	SPECIAL HAZARDS FM200 OR HALON SYSTEM OR PRE-ACTION (Semi-Annually)						
13	Leak Detection Inspect/Test (Annually per calendar year)						
14	TEST HOOD SUPPRESSION SYSTEM (semi-annually)	Per Test/ Semi-Annual \$176.50	\$353				
15	DOOR INSPECTION (Roll Down Fire Door Inspection)						
	ANNUAL TOTAL FOR PREDETERMINED SERVICES		\$353		\$9,387		\$2,405

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A	Pricing - Fire Alarm Maintenance and Repair	34. Appellate Court Parking 601 W. Santa Ana Blvd. Santa Ana		35. Transportation 445 West Civic Center Drive Santa Ana		36. Social Services Agency 800 N. Eckhoff Street Orange		
		FREQUENCY	OTHER	YEARLY	OTHER	YEARLY	OTHER	YEARLY
1	INSPECT/TEST - FIRE ALARM Inspect and test 100% of the fire alarm system - Annually per calendar year. Clean smoke detectors- 1st of the year. Test smoke detector sensitivity (Annually per calendar year)			\$319		\$2,241		\$3,070
2	INSPECT/TEST - FIRE SPRINKLER SYSTEM Inspect and test fire sprinkler system (Quarterly per calendar year) [100% of system/test-four (4) tests/year]				Per Test/ Quarterly \$352.50	\$1,410	Per Test/ Quarterly \$254	\$1,016
3	SPRINKLER SYSTEM (5 year inspection)					\$2,722		\$2,667
4	FIRE ALARM PANEL BATTERY TESTING (Quarterly)	Per Test/Quarterly \$215	\$645		Per Test/Quarterly \$215	\$645	Per Test/Quarterly \$215	\$645
5	MANTENANCE - GENERAL - MONTHLY Inspect, test, adjust, clean and lubricate; preventative maintenance; and maintain system in operable condition	Per Month \$447.83	\$5,374		Per Month \$703.50	\$8,442	Per Month \$430	\$5,160
6	FIRE DRILLS (Two per year)							
7	FIRE HYDRANT TESTING (Annually per calendar year)							
8	FIRE PUMP CHURN (Monthly) One Jockey Pump & One Fire Pump							
9	FIRE PUMP TEST (Annually per calendar year)							
10	STAIRWELL PRESSURIZATION TESTING (Annually per calendar year)							
11	EXHAUST EVACUATION TEST (Annually per calendar year)							
12	SPECIAL HAZARDS FM200 OR HALON SYSTEM OR PRE-ACTION (Semi-Annually)							
13	Leak Detection Inspect/Test (Annually per calendar year)							
14	TEST HOOD SUPPRESSION SYSTEM (semi-annually)							
15	DOOR INSPECTION (Roll Down Fire Door Inspection)					\$1,230		
	ANNUAL TOTAL FOR PREDETERMINED SERVICES			\$6,338		\$16,690		\$12,558

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A	Pricing - Fire Alarm Maintenance and Repair	37. Social Services Agency/Sheriffs Communications 840 N. Eckhoff Street Orange		38. Operations & Maintenance 2301 N. Glassell Street Orange		39. Health Care Agency Annex 1725 W. 17 th Street Santa Ana	
		OTHER	YEARLY	OTHER	YEARLY	OTHER	YEARLY
1	INSPECT/TEST - FIRE ALARM Inspect and test 100% of the fire alarm system - Annually per calendar year. Clean smoke detectors- 1st of the year. Test smoke detector sensitivity (Annually per calendar year)		\$12,012		\$370		\$373
2	INSPECT/TEST - FIRE SPRINKLER SYSTEM Inspect and test fire sprinkler system (Quarterly per calendar year) [100% of system/test-four (4) tests/year]	Per Test/ Quarterly \$433.25	\$1,733	Per Test/ Quarterly \$233.50	\$934		
3	SPRINKLER SYSTEM (5 year inspection)		\$3,978		\$1,467		
4	FIRE ALARM PANEL BATTERY TESTING (Quarterly)	Per Test/Quarterly \$215	\$645	Per Test/Quarterly \$215	\$645	Per Test/Quarterly \$215	\$645
5	MAINTENANCE - GENERAL - MONTHLY Inspect, test, adjust, clean and lubricate; preventative maintenance; and maintain system in operable condition	Per Month \$430	\$5,160	Per Month \$461.08	\$5,533	Per Month \$465.08	\$5,581
6	FIRE DRILLS (Two per year)						
7	FIRE HYDRANT TESTING (Annually per calendar year)		\$914		\$457		
8	FIRE PUMP CHURN (Monthly) One Jockey Pump & One Fire Pump						
9	FIRE PUMP TEST (Annually per calendar year)						
10	STAIRWELL PRESSURIZATION TESTING (Annually per calendar year)						
11	EXHAUST EVACUATION TEST (Annually per calendar year)						
12	SPECIAL HAZARDS FM200 OR HALON SYSTEM OR PRE-ACTION (Semi-Annually)						
13	Leak Detection Inspect/Test (Annually per calendar year)						
14	TEST HOOD SUPPRESSION SYSTEM (semi-annually)						
15	DOOR INSPECTION (Roll Down Fire Door Inspection)						
	ANNUAL TOTAL FOR PREDETERMINED SERVICES		\$24,442		\$9,406		\$6,599

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A	Pricing - Fire Alarm Maintenance and Repair	40. Health Care Agency Lab 1729 W. 17th Street Santa Ana		41. Fleet Services Shop # 5 30102 Pacific Island Dr. Laguna Niguel		42. Probation / Sheriff, Courts 909 N. Main Street Santa Ana		
		FREQUENCY	OTHER	YEARLY	OTHER	YEARLY	OTHER	YEARLY
1	INSPECT/TEST - FIRE ALARM Inspect and test 100% of the fire alarm system - Annually per calendar year. Clean smoke detectors- 1st of the year. Test smoke detector sensitivity (Annually per calendar year)			\$1,684		\$383		\$4,125
2	INSPECT/TEST - FIRE SPRINKLER SYSTEM Inspect and test fire sprinkler system (Quarterly per calendar year) [100% of system/test-four (4) tests/year]					Per Test/ Quarterly \$234.50		\$938
3	SPRINKLER SYSTEM (5 year inspection)							\$1,467
4	FIRE ALARM PANEL BATTERY TESTING (Quarterly)	Per Test/Quarterly \$215	\$645	Per Test/Quarterly \$215	\$645	Per Test/Quarterly \$215	\$645	\$645
5	MAINTENANCE - GENERAL - MONTHLY Inspect, test, adjust, clean and lubricate; preventative maintenance; and maintain system in operable condition	Per Month \$579.50	\$6,954	Per Month \$460.58	\$5,527	Per Month \$1,063.83	\$12,766	\$12,766
6	FIRE DRILLS (Two per year)							
7	FIRE HYDRANT TESTING (Annually per calendar year)							
8	FIRE PUMP CHURN (Monthly) One Jockey Pump & One Fire Pump							
9	FIRE PUMP TEST (Annually per calendar year)							
10	STAIRWELL PRESSURIZATION TESTING (Annually per calendar year)							
11	EXHAUST EVACUATION TEST (Annually per calendar year)							
12	SPECIAL HAZARDS FM200 OR HALON SYSTEM OR PRE-ACTION (Semi-Annually)							
13	Leak Detection Inspect/Test (Annually per calendar year)							
14	TEST HOOD SUPPRESSION SYSTEM (semi-annually)							
15	DOOR INSPECTION (Roll Down Fire Door Inspection)							
	ANNUAL TOTAL FOR PREDETERMINED SERVICES		\$9,283		\$6,555		\$19,941	

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A	Pricing - Fire Alarm Maintenance and Repair	43. Youth Leadership Academy 3155 W. Justice Center Way Santa Ana		44. Probation 23271 Verdugo Drive Laguna Hills		45. Rossmoor Pump Station 7500 E. Willow St. Long Beach	
		OTHER	YEARLY	OTHER	YEARLY	OTHER	YEARLY
1	INSPECT/TEST - FIRE ALARM Inspect and test 100% of the fire alarm system - Annually per calendar year. Clean smoke detectors- 1st of the year. Test smoke detector sensitivity (Annually per calendar year)				\$2,157		
2	INSPECT/TEST - FIRE SPRINKLER SYSTEM Inspect and test fire sprinkler system (Quarterly per calendar year) [100% of system/test-four (4) tests/year]					Per Test/ Quarterly \$211.75	\$847
3	SPRINKLER SYSTEM (5 year inspection)						\$1,813
4	FIRE ALARM PANEL BATTERY TESTING (Quarterly)			Per Test/Quarterly \$215	\$645		
5	MANTENANCE - GENERAL - MONTHLY Inspect, test, adjust, clean and lubricate; preventative maintenance; and maintain system in operable condition			Per Month \$600.08	\$7,201		
6	FIRE DRILLS (Two per year)						
7	FIRE HYDRANT TESTING (Annually per calendar year)				\$229		
8	FIRE PUMP CHURN (Monthly) One Jockey Pump & One Fire Pump						
9	FIRE PUMP TEST (Annually per calendar year)						
10	STAIRWELL PRESSURIZATION TESTING (Annually per calendar year)						
11	EXHAUST EVACUATION TEST (Annually per calendar year)						
12	SPECIAL HAZARDS FM200 OR HALON SYSTEM OR PRE-ACTION (Semi-Annually)						
13	Leak Detection Inspect/Test (Annually per calendar year)						
14	TEST HOOD SUPPRESSION SYSTEM (semi-annually)		Per Test/ Semi-Annual \$347.50	\$695			
15	DOOR INSPECTION (Roll Down Fire Door Inspection)						
	ANNUAL TOTAL FOR PREDETERMINED SERVICES		\$695		\$10,232		\$2,660

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TOTAL FOR ALL PREDERTIMEND SERVICES	\$747,488 per year
ADDITIONAL SERVICES SHALL NOT EXCEED	\$427,414 per year
CONTRACT SHALL NOT EXCEED	\$3,524,706