

It is the intent of this specification to provide **FIRE ALARM SERVICES** (Installation, Inspection, Testing and Repair) at various County owned or leased properties. The COUNTY OF UNION reserves the right to reject any or all bids or any part thereof, and to waive any minor technicalities. A contract will be awarded to the bidder submitting the lowest responsible and responsive bid meeting the requirements of this specification pursuant to N.J.S.A. 40A:11-13.

1. CONTRACTORS QUALIFICATIONS

- ♦All bidders will be experienced in servicing, repairing, replacing the equipment of the same manufacture, type, and size installed in the County's building and facilities.
- ♦Each bidder will submit with their bid an experience statement naming facilities presently under contract with similar equipment along with the names and phone numbers of the main contact person at each facility.
- ♦Bidders will provide with their bid documentation as to their expertise in the fields of service specified. This shall include Certificates of Training, NICET Certifications, Levels 2 and 3, Education and Authorized Dealership.
- ♦Bidders must hold at time of bid and should provide proof of a **Fire Alarm System Certification and Fire Protection Equipment Contractor Business Permit** from the State of New Jersey Department of Community Affairs, Division of Fire Safety.
- ♦Bidders must hold at time of bid and should provide proof of a **Fire Special Hazard Fire Suppression System Certification** from the State of New Jersey Department of Community Affairs, Division of Fire Safety.
- ♦Bidders will show evidence of operations within the life safety protection industry for a minimum of fifteen (15) years.
- ♦Bidders will provide, maintain, and demonstrate liability coverage, workman's compensation, etc. consistent with the requirements of the County of Union.
- ♦Bidders will provide at the time of bid, copies of certifications and must maintain a service staff minimum of ten (10) trained technicians with at least 5 technicians at NICET level 2, and 1 technician with NICET level 3.
- ♦Bidders will be authorized Siemens Fire Safety distributor certified company, must have a minimum of 5 years experience with hybrid network maintenance and programming with a system that has at least 37 nodes over a wide area communications bridge that consist of NIM.1W and NIM/IM networks. The successful vendor must be able to maintain the software for the NCC graphics and all MXLV, MXL, MXLIQ, XLS, Sinorex, FM 200, and Halon systems FACP. Bidder must be factory trained, authorized and certified to work on Siemens Fire Safety MXL, MLXIQ and XLS based systems, and certified for Siemens NCC Graphics network programming and service. Bidders must provide a letter from Siemens Fire Safety Regional Representative certifying Factory Authorization. Provider must also be authorized and certified to service, program and perform changes to Siemens NCC graphics and all MXLV, MXL, MXLIQ, and XLS FACP Voice systems. The County of Union reserves the right to release software to successful bidder.

2. GENERAL SPECIFICATIONS: FIRE ALARM SYSTEMS & PANELS

- ♦Service contractor will email the County and /or sign a service log book for each visit to a County of Union site, and must verify the site visit with a County representative. Notification will be made to Stephen Caruso at the Union County Department of Public Safety, Division of Emergency Service at (908) 347-5296.

♦Service contractor will be required to maintain a service staff minimum of ten (10) trained technicians prior to performing working on County facilities Fire Alarm Systems. Only authorized employees of the contractor, who have been pre-approved through background checks and issued a contractor badge by the Office of The Union County Sheriff, will be allowed to access any Union County facility, or the ability to perform any services pertaining to this bid. All contractor employees will wear their County ID badge, with photograph at all times while servicing the County of Union.

Buildings Include but are Not Limited To: Administration Building, New Annex Courthouse, Parking Garage/Detention Center (Elizabeth) , Courthouse Complex including Rotunda, Tower, Old Annex, Old Jail, County Clerk, Andrew K. Ruotolo Justice Center, Ralph Oriscello Correctional Facility (New Jail), Board of Elections and Taxation, Child Advocacy Center, Cultural & Heritage, Children’s Shelter, Warinanco Park Concession Stand, Union County Juvenile Detention Center (Linden), Fire Training Academy, Rahway River Park Ulrich Pool, Rahway River Park Concession Stand, Rahway River Park Maintenance Facility, Union County Performing Arts Center, Ralph Froehlich Public Safety Building, Colleen Fraser Building, Engineering Building, John H. Stamler Police Academy, Echo Lake Park Boat House, Trailside Nature and Science Center, Trailside Nature Museum, Watchung Stables Main Barn, Watchung Stables Isolation Barn, Watchung Stables Administrative Building & Storage Garages, 50 Progress Street, Deserted Village Church Building, Deserted Village Maskers Barn, K-9 Search and Rescue Facility, Galloping Hill Golf Course Club House, Galloping Hill Golf Course Learning Center, Galloping Hill Golf Course Maintenance Facility, Ash Brook Golf Course Maintenance Facility, Cedar Brook Park Maintenance Facility.

♦Service contractor will verify a functioning operational fire alarm system, for all County owned and leased facilities of automatic fire control panels and detectors per manufacturer’s specifications, and will note **in writing** all deficiencies to authorized County representative.

♦Records of all inspections, tests, and maintenance shall be supplied to the County in PDF format and kept for at least five years for review by the authority having jurisdiction. (NFPA 72E, CH8-1.6)

♦Service contractor will perform system operational training once per year, at least four (4) hours, to eight (8) County Police and Sheriff Personnel responsible for system operation. This is inclusive in the bid.

♦Records of all inspections, tests, and maintenance repairs shall be supplied to the County representative and kept for at least five years for review by the authority having jurisdiction and the Division of Fire Safety for the State of New Jersey (NFPA 72E, CH8-1.6)

♦All Fire Detection inspections will be in conjunction with the County’s Sprinkler Service Contractor for proper monitoring of switches from the Sprinkler system to the fire alarm system panels. This will be tested in accordance with NFPA Guidelines and **INTERNATIONAL FIRE CODE 2006 NEW JERSEY EDITION**.

♦All sprinkler system devices attached to fire alarm panels will be 100% tested in accordance with the **INTERNATIONAL FIRE CODE 2006 NEW JERSEY EDITION**. This includes manual sprinkler pull stations, tamper switches, high & low pressure switches, drip drums, backflow preventers and water flow devices.

♦Inspect general occupancy environment, operations and conditions related to fire detection and protection.

♦Inspect for any changes in building status that may affect the performance or reliability of fire alarm systems.

♦Inspect and determine if fire alarm system(s) are in service and satisfactory condition.

♦Inspect changes or modifications of fire alarm systems.

- ♦ Inspect and determine if new building additions or changes are properly protected by fire detection equipment, and report in writing noted changes to County of Union's representative.
- ♦ Inspect general storage and stock arrangements in relation to fire alarm system protection.
- ♦ Compile complete report of tests **five days after conclusion** and discuss any deficiencies with designated County representative.

3. GENERAL SPECIFICATIONS: FIRE ALARM SYSTEMS & PANELS

- ♦ All automatic fire alarm system panels will be tested in accordance with NFPA Guidelines as set forth in NFPA 72E, 8-3.1; 72H-3, 72H-4
- ♦ All Inspections will comply with the International Fire Code 2006, New Jersey Edition
- ♦ All fire alarm panels will be tested 100% at least 1 (one) time per year. Except for the Fire Extinguishing panels, FM-200, Halon, and Sinorex ,which are scheduled for a bi-annual inspection, in accordance with NFPA 96, 17, AND 17a.
- ♦ All devices attached to fire alarm panels will be 100% tested at least 1 (one) time per year. This includes smoke detectors, heat detectors, manual pull stations, duct detectors, tamper and water flow devices. Successful bidder will check all sprinkler switches tamper switches, pressure switches, accelerator devices, to make sure that they signal the Fire Alarm Control Panel, and complete inspection with the County's Sprinkler system vendor.
- ♦ All Smoke detectors will be tested in place ANNUALLY to ensure smoke entry into the sensing chamber and an alarm response. Testing with smoke or aerosol acceptable to the detector manufacturer will be permitted.
- ♦ All smoke detectors will be cleaned one time ANNUALLY. Sensitivity levels must also be checked, Serial numbers of devices will be recorded.
- ♦ All heat or thermal detectors will be tested at 100% of System detectors ANNUALLY to comply with (NFPA 72E, Ch 8-3.3) and International Fire Code 2006, New Jersey Edition
- ♦ All manual pull stations will be 100% tested ANNUALLY, and checked for clearance from obstructions.
- ♦ All extinguishing system alarm switches will be tested ANNUALLY.
- ♦ Inspect systems for changes or modifications, which will affect system performance, and note such changes to the County of Union.
- ♦ Check all systems for code compliance.
- ♦ Check all system panels for proper operation and responses to devices.
- ♦ Test all system appliances for operation and physical condition, IE: clearances, code compliance, obstructions, and cleanliness.
- ♦ All annunciator panels will be tested 1 (one) time per year.
- ♦ Perform functional test of NCC graphics and all MXLV, MXL, MXLIQ, and XLS FACP Voice systems,

warden phones and NCC Graphics controls. Verify software functions and test viability of system network.

♦All fire alarm system batteries will be tested yearly under full load condition with battery charger disconnected. Check operation of battery charger. **All batteries shall be tested annually and replaced if necessary.**

♦All tests will be documented completely by Fire vendor, and a PDF shall be emailed to the representative for the County of Union.

♦All software programming of the HVAC Controls for facilities having HVAC shutdown will be inspected to include this function. All Fan/ACU/AHU Relays are mapped to a single Bi-stable Logic Function. The function is configured to trigger on "Any Alarm" and will remain active through a System Reset. Following the Reset, if no Alarms are present, the Relays can be restored to their quiescent (normal) state by depressing FI Key on the Annunciator/Display (MKB). This will be tested in conjunction with the annual inspection.

♦Contractor will confirm and test the Fiber Optic modules for the Elizabeth Campus Fire Configuration.

4. BUILDING LOCATIONS & DESCRIPTION OF INSPECTIONS & PREVENTIVE MAINTENANCE

All inspections and preventative maintenance charges will include all travel time. No additional travel will be honored.

The County reserves the right to add buildings under mutually agreed change order.

UNION COUNTY ADMINISTRATION BUILDING

10 Elizabethtown Plaza, Elizabeth, NJ 07207

Inspect and tag two (2) times per year **Sinorix™ Fire Extinguishing System**, inspect and clean 2 times per year smoke detectors, release modules and control panel Tanks and audible devices. (**Network Operations Center only**). (**Building**) Inspect and tag one (1) time per year MXLV Fire Alarm Control Panel, clean all smoke and heat detectors, manual pull stations, and audible devices. Inspect and clean one (1) time per year all duct detectors. Inspect all PT 304 Warden Phone Jacks. Inspect and tag one (1) time per year fire alarm audible devices. Inspect, (in conjunction with the elevator company) phase I phase II elevator recall, clean and inspect smoke detectors in elevator shaft and pits. (refer to Elevator list). Also verify elevator speaker audible.

NEW ANNEX COURTHOUSE

9 Elizabethtown Plaza, Elizabeth, NJ 07207

Inspect and tag one (1) time per year MXLV Fire Alarm Control Panel. Clean smoke and heat detectors one (1) time per year. Inspect and clean one (1) time per year all duct detectors. Inspect one (1) time per year manual pull stations and audible devices. Inspect all PT 304 Warden Phone Jacks. Inspect, (in conjunction with the elevator company) phase I phase II elevator recall, clean and inspect smoke detectors in elevator shaft and pits. (refer to Elevator list). Also verify elevator speaker audible. Inspect and tag two (2) times per year FM-200 extinguishing system, inspect and clean two (2) times per year, smoke detectors, release modules and audible devices. (**Network Operations Center only**.)

PARKING GARAGE/DETENTION CENTER

7 Elizabethtown Plaza, Elizabeth, NJ 07207

Inspect and tag one (1) time per year MXLV Fire Alarm Control Panel, Inspect and clean all smoke detectors and annunciator panel, pull stations, heat detectors, and audible devices. Inspect and clean all duct detectors. Inspect all PT 304 Warden Phone Jacks. Confirm that the system is monitoring all nodes that are on the life link

network. Inspect and test the NCC Graphics Fire Finder System Determine if the system is functioning alarms, troubles, security, supervisory and system events. Inspect, (in conjunction with the elevator company) phase I phase II elevator recall, clean and inspect smoke detectors in elevator shaft and pits. (refer to Elevator list). Also verify elevator speaker audible.

COURTHOUSE COMPLEX:

2 Broad Street, Elizabeth, NJ 07201

1. Rotunda/Tower: Inspect and tag one (1) time per year MXLV Fire Alarm Control Panel, clean smoke detectors, manual pull stations, and audible devices. Inspect and clean all duct detectors. Inspect and tag one (1) time per year fire alarm audible devices. Inspect and clean one (1) time per year all duct detectors. Inspect, (in conjunction with the elevator company) phase I phase II elevator recall, clean and inspect smoke detectors in elevator shaft and pits. (refer to Elevator list). Also verify elevator speaker audible.

2. Old Annex/Old Jail: Inspect and tag one (1) time per year all smoke detectors, manual stations and audible devices, clean smoke detectors, duct detectors Inspect and tag two (2) times per year HALON system. (Second floor Surrogate's file room), and all detectors, release modules and control panel and clean smoke detectors. Inspect and tag one (1) time per year fire alarm audible devices. Inspect, (in conjunction with the elevator company) phase I phase II elevator recall, clean and inspect smoke detectors in elevator shaft and pits. (refer to Elevator list). Also verify elevator speaker audible.

3. County Clerk Office

Inspect and tag two (2) times per year FM-200 extinguishing system, County Clerk Data Room, and all detectors, release modules and control panel and clean smoke detectors and tanks.

ANDREW K. RUOTOLO JR. JUSTICE CENTER

32 Rahway Avenue, Elizabeth, NJ 07207

Inspect and tag one (1) time per year Siemens XLS Voice FACP, smoke detectors, manual pull stations, audible devices and clean smoke detectors. Inspect and tag one (1) time per year fire alarm audible devices. Inspect, (in conjunction with the elevator company) phase I phase II elevator recall, clean and inspect smoke detectors in elevator shaft and pits. (refer to Elevator list). Confirm its fiber connection to the NCC command Centers. Also verify elevator speaker audible.

RALPH ORISCELLO CORRECTIONAL FACILITY (NEW JAIL)

15 Elizabethtown Plaza, Elizabeth, NJ 07207

Inspect and tag two (2) times per year HALON tank in main electrical room, inspect tag two (2) times per year. Confirm that the solenoid trip is communicating to the Fenwal control panel. Inspect all smoke detectors, nozzles, pipes and fittings, control equipment and automatic release to the solenoid connected to the system. Inspect bi-annual the Fenwal Control Panel is a two-zone local control unit which meets the requirement of NFPA 72 or a two -zone releasing device panel approved in accordance with NFPA 72, 12A, 13, and 2001 for cross zone protection. When the Fenwal Control Panel is used as a releasing device, two Class A or Class B detection circuits are arranged so that both zones must be activated in order to discharge the agent automatically into the protected area. Confirm and inspect that this action occurs during alarm activation, without releasing the agent. Inspect cylinder, diffuser nozzle. Inspect the hydrostatic date on the agent cylinder, hydro test if applicable.

BOARD OF ELECTIONS & TAXATION

271 N. Broad Street, Elizabeth, NJ 07207

Inspect and tag one (1) time per year MXLV Fire Alarm Control Panel, inspect and clean smoke detectors, heat detectors, manual pull stations, and audible devices. Inspect and clean one (1) time per year all duct detectors. Inspect all PT 304 Warden Phone Jacks. Inspect and tag one (1) time per year fire alarm audible devices. Inspect, (in conjunction with the elevator company) phase I phase II elevator recall, clean and inspect smoke detectors in elevator shaft and pits. (refer to Elevator list). Also verify elevator speaker audible.

CHILD ADVOCACY CENTER

240 W. Jersey Street, Elizabeth, NJ 07207

Inspect and tag one (1) time per year Siemens XLS- advance protection Fire Alarm system, inspect and clean smoke detectors, heat detectors, manual pull stations, and audible devices. Inspect and clean one (1) time per year all duct detectors. Check the connection to the NCC Command Center.

CULTURAL & HERITAGE

633 Pearl Street, Elizabeth, NJ 07202

Inspect and tag one (1) time per year Siemens XLS- advance protection Fire Alarm system, inspect and clean smoke detectors, heat detectors, manual pull stations, and audible devices. Inspect and clean one (1) time per year all duct detectors. Check the connection to the NCC Command Center.

CHILDREN'S SHELTER

114 Acme Street, Elizabeth, NJ 07202

Inspect and tag the Siemens MXL IQ Alarm panel one (1) time per year, clean and inspect all smoke detectors manual stations and audible devices. Check Sensitivity of Smoke Detectors.

WARINANCO PARK - CONCESSION STAND

Thompson Avenue, Roselle, NJ 07203

Inspect and tag one (1) time per year Siemens XLS- advance protection Fire Alarm system, inspect and clean smoke detectors, heat detectors, manual pull stations, and audible devices. Inspect and clean one (1) time per year all duct detectors. Check the connection to the NCC Command Center. Check connection to micro switch of hood range system.

UNION COUNTY JUVENILE DETENTION CENTER

1075 Edwards Road, Linden, NJ 07036

Inspect and tag one (1) time per year MXLV Fire Alarm Control Panel, all remote panels, clean all smoke detectors, duct detectors, inspect pull stations, heat detectors, and audible devices. Inspect. Inspect and test the NCC Graphics Fire Finder System. Confirm that the system is monitoring all nodes that are on the life link network. Determine if the system is functioning alarms, troubles, security, supervisory and system events.

FIRE TRAINING ACADEMY

710 Lower Road, Linden, NJ 07036

Inspect and tag one (1) time per year the Napco Gemini Fire Alarm systems in Trailers B & C, Garage and Compressor Sheds# 10 & 11. Clean smoke detectors one (1) time annually.

RAHWAY RIVER PARK - ULRICH POOL

St. Georges Avenue, Rahway, NJ 07065

Inspect and tag one (1) time per year Siemens XLS- advance protection Fire Alarm system, inspect and clean smoke detectors, heat detectors, manual pull stations, and audible devices. Inspect and clean one (1) time per year all duct detectors. Check the connection to the NCC Command Center.

RAHWAY RIVER PARK - CONCESSION STAND

St. Georges Avenue, Rahway, NJ 07065

Inspect and tag one (1) time per year Siemens XLS- advance protection Fire Alarm system, inspect and clean smoke detectors, heat detectors, manual pull stations, and audible devices. Inspect and clean one (1) time per year all duct detectors. Check the connection to the NCC Command Center.

RAHWAY RIVER PARK - MAINTENANCE FACILITY

St. Georges Avenue, Rahway, NJ 07065

Inspect and tag one (1) time per year Siemens XLS- advance protection Fire Alarm system, inspect and clean smoke detectors, heat detectors, manual pull stations, and audible devices. Inspect and clean one (1) time per year all duct detectors. Check the connection to the NCC Command Center.

UNION COUNTY PERFORMING ARTS CENTER

1601 Irving Street, Rahway, NJ 07065

Inspect and tag one (1) time per year MX-IQ advance protection Fire Alarm system, inspect and clean smoke detectors, heat detectors, manual pull stations, and audible devices. Inspect and clean one (1) time per year all duct detectors. Inspect, (in conjunction with the elevator company) phase I phase II elevator recall, clean and inspect smoke detectors in elevator shaft and pits. (refer to Elevator list). Also verify elevator speaker audible.

RALPH FROEHLICH PUBLIC SAFETY BUILDING

300 North Avenue East, Westfield, NJ 07090

Inspect and tag one (1) time per year MXLV Fire Alarm Control Panel, all remote panels, clean all smoke detectors, duct detectors, inspect pull stations, heat detectors, and audible devices. Inspect. Inspect and test the NCC Graphics Fire Finder System. Confirm that the system is monitoring all nodes that are on the life link network. Determine if the system is functioning alarms, troubles, security, supervisory and system events. Inspect, (in conjunction with the elevator company) phase I phase II elevator recall, clean and inspect smoke detectors in elevator shaft and pits. (refer to Elevator list). Also verify elevator speaker audible.

NOC, FM-200: Inspect bi- annual the clean fire suppression agent in the computer room and the radio room. Confirm that the solenoid trip is communicating to the Fenwal 2320 control panel. Also confirm that the system is integrated with the MXLV and NCC Graphics system. Inspect all smoke detectors, nozzles, pipes and fittings, control equipment and automatic release to the solenoid connected to the system.

Radio Room, Fenwal 2320: Inspect bi-annual the Fenwal Control Model 2320 is a two-zone local control unit which meets the requirement of NFPA 72 or a two -zone releasing device panel approved in accordance with NFPA 72, 12A, 13, and 2001 for cross zone protection. When the Fenwal Control Model 2320 control Panel is used as a releasing device, two Class A or Class B detection circuits are arranged so that both zones must be activated in order to discharge the agent automatically into the protected area. Confirm and inspect that this action occurs during alarm activation, without releasing the agent.

Inspect cylinder, diffuser nozzle. Inspect the hydrostatic date on the agent cylinder, hydro test if applicable.

COLLEEN FRASER BUILDING (Office Building and Garage)

300 North Avenue East, Westfield, NJ 07090

Inspect and tag one (1) time per year Siemens XLS 500 R- advance protection Fire Alarm system, inspect and clean smoke detectors, heat detectors, manual pull stations, and audible devices. Inspect and clean one (1) time per year all duct detectors. Check the connection to the NCC Command Center. Inspect, (in conjunction with the elevator company) phase I phase II elevator recall, clean and inspect smoke detectors in elevator shaft and pits. (refer to Elevator list). Also verify elevator speaker audible. Inspect all Carbone monoxide detectors in the Vehicle Storage area. Inspect and Tag Bi-Annually the FM-200 extinguishing system in the NOC Network Operations Center. Check smoke detector sensitivity levels.

ENGINEERING BUILDING

2325 South Avenue, Scotch Plains, NJ 07076

Inspect and tag one (1) time per year MX-IQ advance protection Fire Alarm system, inspect and clean smoke detectors, heat detectors, manual pull stations, and audible devices. Inspect and clean one (1) time per year all duct detectors. Inspect, (in conjunction with the elevator company) phase I phase II elevator recall, clean and inspect smoke detectors in elevator shaft and pits. (refer to Elevator list). Also verify elevator speaker audible.

JOHN H. STAMLER POLICE ACADEMY

1776 Raritan Road, Scotch Plains, NJ 07076

Inspect and tags one (1) time per year the Siemens XLS voice FACP fire alarm control panel, clean smoke detectors and related devices. Clean and inspect one (1) time per year all air duct detectors. Inspect and tag one (1) time per year all heat detectors, fix temperature single poll normally open contacts Inspect and tag one (1) time per year fire alarm audible devices. Inspect, (in conjunction with the elevator company) phase I phase II elevator recall, clean and inspect smoke detectors in elevator shaft and pits. (refer to Elevator list). Also verify elevator speaker audible. Inspect manual Pull Stations. Check Detector Sensitivity. Inspect and clean the Vespa Air Sampling system.

ECHO LAKE PARK - BOAT HOUSE

1000 Springfield Avenue, Mountainside, NJ 07092

Inspect and tag one (1) time per year Siemens XLS- advance protection Fire Alarm system, inspect and clean smoke detectors, heat detectors, manual pull stations, and audible devices. Inspect and clean one (1) time per year all duct detectors. Check the connection to the NCC Command Center. Check connection to micro switch of hood range system.

TRAILSIDE NATURE AND SCIENCE CENTER - VISITORS CENTER

452 New Providence Road, Mountainside, NJ 07092

Inspect and tag one (1) time per year MX-IQ advance protection Fire Alarm system, inspect and clean smoke detectors, heat detectors, and manual pull stations. Inspect and clean one (1) time per year all duct detectors. Inspect and tag one (1) time per year fire alarm audible devices. Inspect, (in conjunction with the elevator company) phase I phase II elevator recall, clean and inspect smoke detectors in elevator shaft and pits. (refer to Elevator list). Also verify elevator speaker audible.

Inspect and tag **FM-200**: Inspect bi-annual the clean fire suppression agent in the two downstairs rooms. Confirm that the solenoid trip is communicating to the Fenwal control panel. Also confirm that the system is integrated with the MXLV and NCC Graphics system. Inspect all smoke detectors, nozzles, pipes and fittings, control equipment and automatic release to the solenoid connected to the system.

Inspect bi-annual the Fenwal Control is a two-zone local control unit which meets the requirement of NFPA 72 or a two -zone releasing device panel approved in accordance with NFPA 72, 12A, 13, and 2001 for cross zone protection. When the Fenwal Control Model control Panel is used as a releasing device, two Class A or Class B detection circuits are arranged so that both zones must be activated in order to discharge the agent automatically into the protected area. Confirm and inspect that this action occurs during alarm activation, without releasing the agent. Inspect cylinder, diffuser nozzle. Inspect the hydrostatic date on the agent cylinder, hydro test if applicable.

TRAILSIDE NATURE – OLD MUSEUM

452 New Providence Road, Mountainside, NJ 07092

Inspect and tag the System Magnum Alert 850 fire Alarm panel one (1) time per year, clean and inspect all smoke detectors manual stations and audible devices.

WATCHUNG STABLE MAIN BARN

1160 Summit Lane, Mountainside, NJ 07092

Inspect and tag the Siemens XLS system Fire Alarm panel one (1) time per year, clean and inspect all smoke, heat detectors manual stations and audible devices. Heat detection must be activated once annually using a heat gun.

WATCHUNG STABLE ISOLATION BARN

1160 Summit Lane, Mountainside, NJ 07092

Inspect and tag one (1) time per year Siemens XLS Voice system, clean and inspect all smoke, heat detectors manual stations and audible devices. Heat detection must be activated once annually using a heat gun.

WATCHUNG STABLE ADMINISTRATION BUILDING & STORAGE GARAGES

1160 Summit Lane, Mountainside, NJ 07092

Inspect and tag one (1) time per year Siemens XLS Voice system, clean and inspect all smoke, heat detectors manual stations and audible devices. Inspect annunciator Panel.

50 PROGRESS STREET

Union, New Jersey 07083

See County representative must be contacted for access.

Inspect and tag one (1) time per year Siemens MXLIQ Fire Alarm Control Panel, smoke detectors, and manual pull stations, clean all smoke and heat detectors, duct detectors. Inspect and tag one (1) time per year fire alarm audible devices.

DESERTED VILLAGE - CHURCH BUILDING

2 Cataract Hollow Road, Berkeley Heights, NJ 07922

Inspect and tag one (1) time per year Siemens XLS- advance protection Fire Alarm system, inspect and clean smoke detectors, heat detectors, manual pull stations, and audible devices. Inspect and clean one (1) time per year all duct detectors. Check the connection to the NCC Command Center.

DESERTED VILLAGE – MASKERS BARN

2 Cataract Hollow Road, Berkeley Heights, NJ 07922

Inspect and tag one (1) time per year Siemens XLS- advance protection Fire Alarm system, inspect and clean smoke detectors, heat detectors, manual pull stations, and audible devices. Inspect and clean one (1) time per year all duct detectors. Check the connection to the NCC Command Center.

K-9 SEARCH AND RESCUE FACILITY

196 Glenside Avenue, Summit, NJ 07901

Inspect and tag one (1) time per year MX-IQ advance protection Fire Alarm system, inspect and clean smoke detectors, heat detectors, manual pull stations, and audible devices. Inspect and clean one (1) time per year all duct detectors.

GALLOPING HILL GOLF COURSE - CLUB HOUSE

3 Golf Drive, Kenilworth, NJ 07033

Inspect and tag one (1) time per year Siemens XLS- advance protection Fire Alarm system, inspect and clean smoke detectors, heat detectors, manual pull stations, and audible devices. Inspect and clean one (1) time per year all duct detectors. Check the connection to the NCC Command Center.

GALLOPING HILL GOLF COURSE - LEARNING CENTER

1 Golf Drive, Kenilworth, NJ 07033

Inspect and tag one (1) time per year Siemens XLS- advance protection Fire Alarm system, inspect and clean smoke detectors, heat detectors, manual pull stations, and audible devices. Inspect and clean one (1) time per year all duct detectors. Check the connection to the NCC Command Center.

GALLOPING HILL GOLF COURSE - MAINTENACE FACILITY

21 N. 31st Street, Kenilworth, NJ 07033

Inspect and tag one (1) time per year Siemens XLS- advance protection Fire Alarm system, inspect and clean smoke detectors, heat detectors, manual pull stations, and audible devices. Inspect and clean one (1) time per year all duct detectors. Check the connection to the NCC Command Center.

ASH BROOK GOLF COURSE - MAINTENANCE FACILITY

1600 Raritan Road, Scotch Plains, NJ 07076

Inspect and tag one (1) time per year Siemens XLS- advance protection Fire Alarm system, inspect and clean smoke detectors, heat detectors, manual pull stations, and audible devices. Inspect and clean one (1) time per year all duct detectors. Check the connection to the NCC Command Center.

CEDAR BROOK PARK - MAINTENANCE FACILITY

Park Avenue, Plainfield, NJ 07060

Inspect and tag one (1) time per year Siemens XLS- advance protection Fire Alarm system, inspect and clean smoke detectors, heat detectors, manual pull stations, and audible devices. Inspect and clean one (1) time per year all duct detectors. Check the connection to the NCC Command Center.

5. HOURLY LABOR RATES

Labor hours are shown in the proposal page for bid purposes only. We have attempted to accurately reflect a true picture of the approximate amount of labor hours that the County anticipates. The County does not guarantee any minimum number of hours and will pay only for the actual number of hours authorized and worked. **The labor charge should include all travel time. No additional travel charges will be honored.**

The State of New Jersey has decided that the Wage Determination for the field of service applicable to this bid falls under the title: **Electrician**. If and when the Wage Determination hourly rate is increased by the State, these specifications hereby declare that the wage of determination shall be considered a benchmark and if that benchmark is increased by the State, the contractor will have the ability to ask for an increase in the contracted hourly rate of this public bid in that exact same amount as the posted State increase and, if judged to be in the best interests of the County of Union, a new hourly contract rate will be allowed.

Although these pages include State required notation of the use of subcontractors due to the mandated use of Wage Determination, the service contractor will be solely capable of all specified serviced detailed herein.

It is the policy of the County of Union to avoid scheduling any work that exceeds 8 hours a day and to avoid scheduling work on Saturdays, Sundays and Holidays. Therefore, the successful bidder will be determined by the regular hourly rate bid. In the rare event that the County asks the service contractor to work after hours, the allowance of a time and a half rate charge and/or double-time rate charge will be in accordance with the Wage Determination of **Electrician** for Overtime.

The contractor shall be wholly responsible for any and all costs involved in the performance of the specified service, including, but not limited to: Travel expenses, cleanup materials, tools*, equipment*, and safety supplies.

*In the extraordinary event that a particular job needs a tool or piece of equipment outside the parameters of what a qualified contractor would have at his disposal, such as a crane or a specialized diagnostic tool, the contractor shall immediately notify the County employee in charge of the service. The County then may, according to its own best interest:

1. Rent or buy the necessary tool or equipment on quotation from a third party.
2. Instruct vendor to rent tool on the behalf of the County and pass along the charge AT COST to the County. The County shall pre-approve the rental as being of fair market value. No mark-up shall be allowed in this instance.

6. REQUESTS FOR REPAIR SERVICES

The service contractor shall have the capability of responding to a request for repair service within **two (2) hours ON SITE**, twenty-four (24) hours per day, seven (7) days per week including weekends and Holidays. Bidders with an office that is further than thirty (30) minutes traveling time from the County Courthouse Complex in Elizabeth shall submit a letter with their bid detailing how they propose to meet the required response time. Request for services affecting the jail, medical patient areas, powerhouse, and the safety of the general public shall be regarded as priorities and shall be responded to accordingly. A 24 hour manned phone number shall be indicated on the appropriate bid form page. Three documented failures to comply shall be considered cause for termination of contract. Emergency service calls shall be defined as safety hazards that cannot wait regular scheduling. Contractor shall respond to regular service calls by scheduling work to occur during regular work hours and within 48 hours of receipt of County purchase order number. Service contractor must sign a log book or e-mail County representative for each visit to a County of Union site, and must verify the site visit with a County representative. Service contractor must provide telephone numbers and/or a 24-hour answering service for this purpose.

The County of Union representative or his designee will be county personnel who will have the authority to make service calls after the bid is awarded.

The County has the right to validate the work performed by the service contractor through the use of phone calls and/or site visits.

The County of Union has existing service contracts for various trades, such as electrician. It would be a requirement of the successful bidder of this contract that he could work seamlessly with the other County contractors and/or County personnel if a repair project contained additional aspects to it other than fire detection service.

All work shall be performed by experienced Siemens certified technicians in a safe and workmanlike manner approved by the County and in compliance with the current local, state, federal and OSHA codes. The contractor must obtain all permits (if applicable) with the local authorities.

Quotes for any work shall include a cost breakdown submitted by the contractor as follows: labor rate, quantity of workers and their hours, intended use of apprentices or helpers, materials list, wholesale cost (with evidence of same) and mark up, at applicable contract rates. Each call shall generate a separate invoice detailing the labor charge and the parts/materials as outlined above. All invoices are required to include the proper purchase order number, which can be obtained by contacting the appropriate County representative responsible for requesting services.

7. FURNISHING REPAIR PARTS

The Contractor shall advise the County of any parts and/or materials required to perform the requested repairs or installation. The County shall furnish stock parts and/or materials required unless the Contractor is requested to furnish them. Where directed to furnish parts and/or material, the Contractor shall submit a cost estimate to the County for budgetary purposes.

The service contractor must be an authorized Siemens dealer in order to supply the County with Siemens repair parts at the lowest trade price available to an authorized dealer. In order to be reimbursed for Siemens repair parts, the service contractor must supply a Siemens invoice for the parts or a dated page from the current Siemens trade price listing indicating the current trade prices for Siemens repair parts.

The materials and supplies called for herein shall be the best of their grade and types, prepared according to the best available standards or accepted formulas, thoroughly tested and subjected to rigid examinations and standardization. Items not meeting these requirements shall be replaced at no cost to the County upon due notice of deficiency.

Materials, equipment and installation shall comply with all current rules and regulations of all applicable Federal, State, County and Local Laws, ordinances and regulations. All work shall be executed in a workmanlike manner and shall present a neat and professional appearance when completed.

8. WARRANTY

Repair parts shall be unconditionally guaranteed for a minimum of one (1) year beginning after the acceptance by the County, including all labor, materials, travel time and freight. Manufacturer's warranty shall apply if greater.

9. PAYMENT FOR REPAIR PARTS

The County estimates spending \$100,000 for parts and materials (excluding mark-up) as part of the service work throughout the term of the contract. Parts/Materials Prices: All materials shall be invoiced at actual wholesale cost plus a percentage (%) markup. Copies of the contractor's own purchase invoices reflecting actual costs shall accompany each invoice to the County. The contractor shall maintain an adequate inventory of applicable supplies, spare parts and replacement equipment within the service vehicles, or at contractor's place of business, in order that emergency repairs can be made to the using agency's equipment at once with a minimum of shut-down time.

10. INSTRUCTIONS FOR 1C ON BID FORM PAGE

For the purpose of this Bid: assume repair parts and materials estimate of \$100,000. Calculate percentage of mark up charges on wholesale cost of repair parts by multiplying \$100,000 by your standard markup %, add that product to \$100,000 and put that sum on the appropriate line of the bid form page.

e.g. $\$1,000 \times 1\% = \10 . Adding that to \$1,000 would give you a sum of \$1,010.

11. TERMS

Contract period shall be twenty-four (24) consecutive months upon the signing of the contract with the provision for one (1) twenty-four (24) month extension subject to the following limitations: the extension contract shall be awarded by resolution of the governing body (within 60 days prior to the expiration date) upon a finding by the governing body that the services are being performed in an effective and efficient manner.

Payment to Vendor is to be made within forty-five (45) days after receipt of Vendor's invoice and a signed County voucher attesting to the delivery of goods and services by some officer or duly designated employee of the using County entity and after approval of the appropriate Division/Department head. The Vendor shall prepare invoices and shall submit them to the office/designated employee of the using County entity.

It is the policy of the County of Union to avoid scheduling any work that exceeds 8 hours a day and to avoid scheduling work on Saturdays, Sundays and Holidays. Therefore, the formula used to award the contract will utilize the Rate per Hour-Regular Time price only.

In the rare event that the County asks the service contractor to work after regular hours, the allowance of time and a half and double-time will be accordance to the Wage Determination of Electricians.

The County reserves the right to terminate this agreement with written notice to the contractor thirty (30) days prior to such action.

PLEASE NOTE THAT THE ENSUING CONTRACT IS INTENDED TO BE OPEN END CONTRACT AS ALLOWED UNDER N.J.A.C. 5:30 ET SEQ. AND, IN ACCORDANCE WITH THE RULES, THE MINIMUM NUMBER SET ON THE BID SHALL BE ZERO (0) HOURS AND THE MAXIMUM SHALL BE 1400 HOURS AND THE PROVISION FOR PARTS SHALL BE SET AS ZERO (0) DOLLARS AND THE MAXIMUM SHALL BE 100,000.00 DOLLARS.

12. ESTIMATE OF WORK HOURS

TO ASSIST BIDDERS IN PREPARING PROPOSALS, THE FOLLOWING HISTORICAL DATA IS PROVIDED AS TO THE AMOUNT OF WORK HOURS SUPPLIED BY / REQUIRED OF PREVIOUS VENDORS:

2012: 575 HOURS

2013: 625 HOURS

First 24 Months of Contract: **1,400** HOURS (ESTIMATED)

THE COUNTY DOES NOT AND WILL NOT WARRANT OR GUARANTEE THE AMOUNT OF WORK HOURS TO BE SUPPLIED / REQUIRED IN ANY GIVEN DAY, WEEK, MONTH OR YEAR OR IN THE AGGREGATE PURSUANT TO ANY CONTRACTUAL AGREEMENT AWARDED UNDER THESE BID SPECIFICATIONS. NOTHING CONTAINED IN ANY OF THE BID DOCUMENTS SHALL BE CONSTRUED TO GUARANTEE OR WARRANT ANY AMOUNT OF WORK HOURS. THE WORK HOURS SET FORTH HEREIN CONSTITUTE EITHER HISTORIC INFORMATION OR ESTIMATES OF FUTURE NEEDS AND MAY NOT BE INDICATIVE OF THE ACTUAL WORK HOURS TO BE EXPERIENCED IN THE FUTURE.

NOTHING HEREIN SHALL ENTITLE THE SUCCESSFUL BIDDER TO ANY CLAIM TO AN HOURLY PRICE INCREASE FOR LOST PROFITS OR FOR ANY OTHER COMPENSATION WHATSOEVER IN THE EVENT THAT THE ACTUAL WORK HOURS SUPPLIED/ REQUIRED UNDER THIS AGREEMENT ARE MORE OR LESS THAN HISTORICAL WORK HOURS OR ANY PROJECTION OF FUTURE WORK HOURS THAT MAY BE CONTAINED HEREIN.

BID FORM PAGE
(Page 1 of 4)

Having carefully read the Notice to Bidders, specifications and instructions to bidders, the undersigned hereby agrees to provide **FIRE ALARM SERVICE** at various locations within the County of Union in accordance to the specifications. **DO NOT ALTER THE FORMAT OF THE BID FORM PAGE IN ANY MANNER UNDER THE PENALTY OF DISQUALIFICATION.**

INSPECTIONS & PREVENTIVE MAINTENANCE OF FIRE ALARM SYSTEMS

(One (1) year charges need to be itemized for billing purposes)

<u>Location</u>	<u>Yearly Charge for Inspections & Preventative Maintenance</u>	<u>Charges for (2) Years Subtotal for (24) months</u>
1. Union County Administration Building	\$ _____ x 2 =	\$ _____
2. New Annex Courthouse	\$ _____ x 2 =	\$ _____
3. Parking Garage/Detention Center	\$ _____ x 2 =	\$ _____
4. Courthouse Complex - Rotunda/Tower	\$ _____ x 2 =	\$ _____
5. Old Annex/Old Jail/County Clerk Office	\$ _____ x 2 =	\$ _____
6. Andrew K. Ruotolo Jr. Justice Center	\$ _____ x 2 =	\$ _____
7. Ralph Oriscello Correctional Facility (New Jail)	\$ _____ x 2 =	\$ _____
8. Board of Elections & Taxation	\$ _____ x 2 =	\$ _____
9. Child Advocacy Center	\$ _____ x 2 =	\$ _____
10. Cultural & Heritage	\$ _____ x 2 =	\$ _____
11. Children's Shelter	\$ _____ x 2 =	\$ _____
12. Warinanco Park Concession Stand	\$ _____ x 2 =	\$ _____
13. Union County Juvenile Detention Center	\$ _____ x 2 =	\$ _____

NAME OF BIDDER: _____

BID FORM PAGE
(Page 2 of 4)

INSPECTIONS & PREVENTIVE MAINTENANCE OF FIRE ALARM SYSTEMS - Continued

(One (1) year charges need to be itemized for billing purposes)

<u>Location</u>	<u>Yearly Charge for Inspections & Preventative Maintenance</u>	<u>Charges for (2) Years Subtotal for (24) months</u>
14. Fire Training Academy	\$ _____	x 2 = \$ _____
15. Rahway River Park Urlich Pool	\$ _____	x 2 = \$ _____
16. Rahway River Park Concession Stand	\$ _____	x 2 = \$ _____
17. Rahway River Park Maintenance Facility	\$ _____	x 2 = \$ _____
18. Union County Performing Arts Center	\$ _____	x 2 = \$ _____
19. Ralph Froehlich Public Safety Building	\$ _____	x 2 = \$ _____
20. Colleen Fraser Building	\$ _____	x 2 = \$ _____
21. Engineering Building	\$ _____	x 2 = \$ _____
22. John H. Stamler Police Academy	\$ _____	x 2 = \$ _____
23. Echo Lake Park Boat House	\$ _____	x 2 = \$ _____
24. Trailside Nature & Science Center	\$ _____	x 2 = \$ _____
25. Trailside Nature – Old Museum	\$ _____	x 2 = \$ _____
26. Watchung Stable Main Barn	\$ _____	x 2 = \$ _____
27. Watchung Stable Isolation Barn	\$ _____	x 2 = \$ _____
28. Watchung Stable Administration Building & Storage Garages	\$ _____	x 2 = \$ _____
29. 50 Progress Street	\$ _____	x 2 = \$ _____
30. Deserted Village Church Building	\$ _____	x 2 = \$ _____
31. Deserted Village Maskers Barn	\$ _____	x 2 = \$ _____

NAME OF BIDDER: _____

BID FORM PAGE
(Page 3 of 4)

INSPECTIONS & PREVENTIVE MAINTENANCE OF FIRE ALARM SYSTEMS - Continued
(One (1) year charges need to be itemized for billing purposes)

<u>Location</u>	<u>Yearly Charge for Inspections & Preventative Maintenance</u>			<u>Charges for (2) Years Subtotal for (24) months</u>
32. K-9 Search and Rescue Facility	\$ _____	x 2	=	\$ _____
33. Galloping Hill Golf Course Club House	\$ _____	x 2	=	\$ _____
34. Galloping Hill Golf Course Learning Center	\$ _____	x 2	=	\$ _____
35. Galloping Hill Golf Course Maintenance	\$ _____	x 2	=	\$ _____
36. Ash Brook Golf Course Maintenance	\$ _____	x 2	=	\$ _____
37. Cedar Brook Park Maintenance	\$ _____	x 2	=	\$ _____

Total Price \$ _____
(1-37) For Inspections & Preventive Maintenance **Charges for Two (2) Years/All Locations**
(Enter this Total on Bid Form Page 4 of 4, Item# 1a)

NAME OF BIDDER: _____

THE PERIOD OF THE CONTRACT SHALL BE FOR TWENTY-FOUR (24) CONSECUTIVE MONTHS WITH PROVISION FOR ONE (1) TWENTY-FOUR (24) MONTH EXTENSION SUBJECT TO THE FOLLOWING LIMITATIONS: THE EXTENSION CONTRACT SHALL BE AWARDED BY RESOLUTION OF THE GOVERNING BODY (WITHIN 60 DAYS PRIOR TO THE EXPIRATION DATE) UPON A FINDING BY THE GOVERNING BODY THAT THE SERVICES ARE BEING PERFORMED IN AN EFFECTIVE AND EFFICIENT MANNER.

NJSA 40A: 11-15 PROVIDES THAT ANY PRICE CHANGES PURSUANT TO EXTENSIONS OF THE ORIGINAL TERM OF THIS AGREEMENT SHALL BE BASED UPON THE PRICE OF THE ORIGINAL AGREEMENT AS CUMULATIVELY ADJUSTED PURSUANT TO ANY PREVIOUS ADJUSTMENT OR EXTENSION AND SHALL NOT EXCEED THE CHANGE IN THE INDEX RATE FOR THE TWELVE (12) MONTHS PRECEDING THE MOST RECENT QUARTERLY CALCULATION AVAILABLE AT THE TIME THIS AGREEMENT IS RENEWED. THE INDEX RATE IS PROMULGATED BI-ANNUALLY BY THE STATE OF NEW JERSEY, DIVISION OF LOCAL GOVERNMENT SERVICES AND IS BASED ON THE ANNUAL PERCENTAGE INCREASE IN THE IMPLICIT PRICE DEFLECTOR FOR STATE AND LOCAL GOVERNMENT SERVICES, COMPUTED QUARTERLY BY THE US DEPT. OF COMMERCE, BUREAU OF ECONOMIC ANALYSIS.

ANY EXTENSION OF THE ORIGINAL TERM OF THIS AGREEMENT SHALL BE SUBJECT TO THE AVAILABILITY AND APPROPRIATION ANNUALLY OF SUFFICIENT FUNDS BY THE COUNTY OF UNION PURSUANT TO NJSA 40A: 11-15.

THE COUNTY RESERVES THE RIGHT TO TERMINATE THIS AGREEMENT WITH WRITTEN NOTICE TO THE CONTRACTOR THIRTY (30) DAYS PRIOR TO SUCH ACTION.

NAME OF BIDDER: _____

EXTENSION FORM FOR UNION COUNTY COOPERATIVE PRICING SYSTEM

ACCOMMODATION OF LOCAL CONTRACTING UNITS WITHIN THE COUNTY OF UNION:

[] **CHECK HERE** IF WILLING TO PROVIDE THE GOODS AND SERVICES HEREIN BID UPON TO LOCAL GOVERNMENTAL CONTRACTING UNITS LOCATED WITHIN THE COUNTY OF UNION, UNION COUNTY COOPERATIVE PRICING SYSTEM # **CK-06-UNION** WITHOUT SUBSTITUTION OR DEVIATION FROM SPECIFICATIONS, SIZE FEATURES, QUALITY, PRICE OR AVAILABILITY AS HEREIN SET FORTH. IT IS UNDERSTOOD THAT ORDERS WILL BE PLACED DIRECTLY BY THE CONTRACTING UNITS, SUBJECT TO THE OVERALL TERMS OF THE CONTRACT TO BE AWARDED BY THE COUNTY OF UNION, AND THAT NO ADDITIONAL SERVICE OR DELIVERY CHARGES WILL BE ALLOWED EXCEPT AS PERMITTED BY THESE SPECIFICATIONS.

[] **CHECK HERE** IF NOT WILLING TO EXTEND PRICES TO CONTRACTING UNITS LOCATED IN THE COUNTY OF UNION. IT IS UNDERSTOOD THAT THIS WILL NOT ADVERSELY AFFECT CONSIDERATION OF THIS BID WITH RESPECT TO THE NEEDS OF THE COUNTY OF UNION.

IF THE LOWEST RESPONSIBLE BIDDER DOES NOT EXTEND HIS PRICES TO THE REGISTERED MEMBERS, THE CONTRACT FOR THE STATED NEEDS OF THE UNION COUNTY WILL BE AWARDED TO SAID LOWEST RESPONSIBLE BIDDER AND SPECIFICALLY NOT MADE AVAILABLE TO CONTRACTING UNITS WITHIN THE COUNTY.

Initial

NAME OF BIDDER: _____

EXPERIENCE STATEMENT

Provide a list of facilities with addresses presently under contract with similar equipment along with the names and phone numbers of the main contact person and the number of years' service was provided.

NAME OF BIDDER: _____

EXPERTISE STATEMENT

Provide copies of the certificates requested on page 18 under Contractors Qualifications and attach to this page.

NAME OF BIDDER: _____