

99SWC-S1820 SCOPE OF WORK

1. OVERVIEW

- 1.1. Each Scope of Work category will be evaluated separately by the Evaluation Committee. Committee members will score each category independently. Awards will be made in the best interest of the Lead State and the NASPO ValuePoint cooperative purchasing program.
- 1.2. Multistate use of an award is subject to the approval of the NASPO ValuePoint Executive Council. Awards not approved by NASPO ValuePoint may, at the option of the Lead State, result in a contract for use by the Lead State only.
- 1.3. Vendors may submit a proposal for any or all categories listed but may not submit for less than an entire category. Vendors must clearly identify in their proposal the category or categories, the section number(s), and geographic location for which they are proposing.

1.4. UNIVERSAL REQUIREMENTS

- 1.4.1. Vendor shall ensure facilities are in compliance with all existing Participating Entities' rules and regulations.
- 1.4.2. Vendor shall comply with current National Fire Protection Association (NFPA) Standards, Participating Entities Contractor's Board Licensing, and Participating Entities State and Local Fire regulations at the time supplies or systems are delivered pursuant to an order under the Master Agreement.
- 1.4.3. Vendor shall ensure services are conducted by a State Certified/Licensed Technician.
- 1.4.4. Vendor services are conducted in accordance with any certification requirements within Participating Entities.
- 1.4.5. All equipment shall be compatible to best industrial standards and must function as designed after installation.
- 1.4.6. Vendor shall not apply surcharges for transportation, fuel, energy, insurance, or any other reason.
- 1.4.7. Vendor shall ensure permits must be current and remain current.
- 1.4.8. When providing services, vendor must discuss findings with the Purchasing Entity point of contact prior to leaving site and submit a report to the Purchasing Entity including the findings no later than 24 hours after inspection.
- 1.4.9. Inspections performed shall include the cost of the initial inspection, any required maintenance, and any needed follow-up inspections (at no additional cost for the follow up inspection).
- 1.4.10. Vendor must be an authorized reseller of any manufacturer brand offered. Certification must be made available to the Lead State and Participating Entities upon request
- 1.4.11. Vendor must not allow any part of the resulting contract from this solicitation be performed offshore of the United States by persons located offshore of the United State or by means, methods, or communications that, in whole or in part, take place offshore of the United States.
- 1.4.12. Vendor may offer additional services as related to awarded categories.

1.5. CONTRACT USAGE

- 1.5.1. All services performed under these contracts should have an executed service agreement, purchase order, or similar between Purchasing Entity and vendor prior to performance of work.
- 1.5.2. Use of a contract does not require further competition. However, a Purchasing Entity may, and are encouraged to, conduct informal competition by request a project specific technical and cost proposal from multiple qualified contractors prior executing a service agreement for a project or on-going support.
- 1.5.3. In developing an informal request, service agreement, or other project document, a Purchasing Entity can request firm-fixed-fee deliverable based pricing for a project. In providing a quote or estimate vendor must document how project pricing is determined based on the Master Agreement pricing. Once a service agreement, purchase order, or similar has been executed between Purchasing Entity and vendor the fixed project pricing applies.
- 1.5.4. When requesting project specific proposals, a Purchasing Entity is not required to select the lowest priced proposal, but can select a proposal in the best interest of the Purchasing Entity.
- 1.5.5. There is no guarantee of contract usage or distribution across awarded contracts.
- 1.5.6. Contracts are not exclusive. Purchasing Entities reserve the right to solicit separately for an individual project that otherwise would be covered under these contracts using any legally authorized procurement method.
- 1.5.7. Vendor may enter an agreement with a Purchasing Entity under resultant contract, so long as the effective date of such agreement is prior to the expiration of the contract.
- 1.5.8. If vendors will require agencies to sign a subordinate agreement, such agreement terms must be approved by each Purchasing Entity prior to signing.
- 1.5.9. Contractors shall provide separate quotes within 48 hours of request (unless otherwise approved by Purchasing Entity) for each new or replacement installation as required by a Purchasing Entity. Quotes should offer price differences for lease and purchase options as requested by the Purchasing Entity.
- 1.5.10. Contractors shall provide separate quotes within 48 hours of request (unless otherwise approved by Purchasing Entity) for maintenance of new and existing systems as required by each Purchasing Entity. Quotes should offer price differences for lease and purchase options as requested by the Purchasing Entity.

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- 1.5.11. Purchasing Entity may have proprietary equipment. Vendor is responsible for working with or notifying a Purchasing Entity regarding maintenance and repair of proprietary equipment.
- 1.5.12. Vendor shall designate a single point of contact to be liaison for Participating Entity information technology staff to handle day-to-day operations.

1.6. CATEGORIES

- A. **Category 1:** Backflow Prevention System
- B. **Category 2:** Sandpiper Inspections – Fire Hose
- C. **Category 3:** Automatic Fire Pumps
- D. **Category 4:** Fire Sprinkler Systems
- E. **Category 5:** Fire Detection – Fire Alarm Systems
- F. **Category 6:** Emergency Lighting
- G. **Category 7:** Special Hazard Fire Suppression Systems
- H. **Category 8:** Portable Fire Extinguisher Inspection – Service and Testing
- I. **Category 9:** New Portable Fire Extinguishers
- J. **Category 10:** Kitchen Fire Suppression Commercial Hood System
- K. **Category 11:** Commercial Hood System Cleaning
- L. **Category 12:** Access Control Systems
- M. **Category 13:** Burglar Alarm Systems
- N. **Category 14:** Surveillance Services and Equipment
- O. **Category 15:** High Security Controls Systems
- P. **Category 16:** Inspections & Monitoring
 - 1. Fire Extinguishing Systems
 - 2. Fire Sprinkler Systems
 - 3. Alarm Monitoring
 - 4. Fire Alarm/Protective Signaling Systems

2. CATEGORY DESCRIPTIONS AND DETAILS

2.1. BACKFLOW PREVENTION SYSTEM

- 2.1.1. Backflow prevention systems prevent contamination of the potable water distribution through infiltration of stagnant water or substances from industrial or fire protection piping. Regularly scheduled maintenance and service of backflow prevention devices helps prevent potential health issues due to water supply contamination. Certified inspection and testing services must include a written report of inspection findings, including any specific recommendations for corrective action where needed.
- 2.1.2. Inspections
 - A. Each backflow prevention device to determine whether it is in service and in satisfactory condition.
 - B. Site and identify any conditions that could potentially compromise the performance of mechanical and/or electronic components of the backflow preventers
 - C. Backflow preventer control valves for proper position, general condition, and accessibility
 - D. The general condition of backflow preventers, piping, hangers, drains, test ports and related equipment
- 2.1.3. Additional Requirements
 - A. Conduct required annual performance differential test
 - B. Tag devices as required and perform all required record-keeping/reporting
 - C. Provide a brief written report of the inspection to Purchasing Entity, detailing any deficiencies
 - D. Be sure Purchasing Entity is updated with proper operation of the equipment, as needed

2.2. STANDPIPE INSPECTIONS – FIRE HOSE

- 2.2.1. For ordering entities with existing standpipes and fire hose systems in-service, and in accordance with applicable codes, fire hose is to be taken from its rack, unrolled, and physically inspected at least once a year. Hose must be replaced on the rack so that folds do not occur at their former positions. Inspection and re-racking procedure are to identify any problems, maintain the functional condition of the hose and provide a measure of safety at the time of a fire until firefighters can arrive.

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- 2.2.2. Remove the hose from its rack, and check:
 - A. Last hydro-test date is within code requirements
 - B. Condition of couplings
 - C. Condition of the threads
 - D. Condition of gasket in the coupling, replace if necessary
 - E. Valve for damage, rot, or mildew
 - F. Hose for damage, rot, or mildew
 - G. Nozzle for damaged threads and damaged or blocked tip
 - H. Verify standpipe hose threads match type used by local Fire Department. If threads do not match, an adapter should be supplied
 - 2.2.3. Reattach coupling to valve
 - 2.2.4. Reposition the hose on the rack so that folds do not occur in previous positions
 - 2.2.5. Replace nozzle and attach it to the nozzle clip on the rack
 - 2.2.6. Tag the unit properly
 - 2.2.7. Check the cabinet for easy access and, where applicable, check that the glass is intact
 - 2.2.8. Observe the hazard area to confirm that there is sufficient hose to reach in any direction
 - 2.2.9. Check that the standpipe is visible and unobstructed. If it is obstructed, notify the Purchasing Entity representative, and have the area cleared
 - 2.2.10. Provide a brief written report of the inspection to Purchasing Entity, detailing any deficiencies
 - 2.2.11. Be sure Purchasing Entity is updated with proper operation of the equipment, as needed
- 2.3. AUTOMATIC FIRE PUMPS
- 2.3.1. Automatic fire pumps boost water pressure for high hazard areas and where water demand exceeds available pressure. In the event of pump failure, a sprinkler system will not perform at the required levels established for adequate protection of a facility and its occupants. To ensure proper operation of automatic pumps, a scheduled comprehensive inspection and test is required in accordance with local, state, and federal codes. Certified pump tests must include a written analysis addressing the current performance of inspected pump equipment. A report of the inspection findings must also include recommendations for corrective action where needed.
 - 2.3.2. Inspect
 - A. Automatic fire pumps to determine if they are in service and in satisfactory condition in accordance with NFPA standards
 - B. Site conditions and identify any issues that could compromise the performance of mechanical and/or electronic components of the pumps
 - C. Inspect automatic fire pump control valves for proper position, general condition, accessibility, and appropriate signage
 - D. Inspect automatic fire pump test header for satisfactory condition
 - E. Inspect automatic fire pump alarm components for satisfactory condition
 - 2.3.3. Additional Requirements
 - A. Check general condition of automatic fire pump piping, hangers, drain valves, check valves, gauges, and related equipment
 - B. Conduct required annual performance flow test
 - C. Tag devices as required and perform required record-keeping
 - D. Provide a brief written report of the inspection to Purchasing Entity, detailing any deficiencies
 - E. Be sure Purchasing Entity is updated with proper operation of the equipment, as needed
- 2.4. FIRE SPRINKLER SYSTEMS
- 2.4.1. Inspections shall be carried out in accordance with local, state, and federal codes. Each inspection shall include a report of the inspection results, and include recommendations for any corrective actions, where needed.
 - 2.4.2. Inspections
 - A. System to determine whether it is in service, and all components are in satisfactory condition in accordance with NFPA standards

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- B. Test fire sprinkler system alarm components
- C. Sprinkler heads for adequate clearance and condition to verify proper distribution and activation
- D. Sprinkler control valves for proper position, general condition, accessibility, and appropriate signage

2.4.3. As Needed

- A. Clean pilot lines and solenoid strainers thoroughly
- B. Disassemble the solenoid release and inspect and clean interior

2.4.4. Additional Requirements

- A. Discuss Agencies' general storage and stock arrangements for combustibles in relation to fire sprinkler system protection
- B. Tag devices as required and perform required record-keeping
- C. Identify site conditions that could compromise mechanical and/or electronic components of system
- D. Provide a brief written report of the inspection to Purchasing Entity, detailing any deficiencies
- E. Be sure Purchasing Entity is updated with proper operation of the equipment, as needed

2.4.5. Inspection and draining of low points will be ordered at intervals specified by the Purchasing Entity but will comply with NFPA requirements. Provide a written report of the inspection to Purchasing Entity. Services for inspection and draining of all low-point drains on a seasonal, as-needed basis are to avoid pipe breakage and accidental tripping of systems due to freezing.

2.5. FIRE DETECTION – FIRE ALARM SYSTEM

2.5.1. The reliability of fire detection and fire alarm systems is crucial to providing safety to building occupants and protection of property. All inspection services will be performed in accordance with appropriate local, state, and federal codes. Each inspection service must test that those systems operate as designed, which minimizes the incidence of false alarms that interrupt business operations. All inspections must be conducted by certified fire detection and alarm inspection technicians. When specified, inspection services will include inspecting fire suppression system. A report of inspection findings will be prepared.

2.5.2. Category is for installed devices and equipment including, but not limited to, all smoke detectors, heat detectors, carbon monoxide detectors, flame detectors, water flow switches, pull stations, remote annunciators, horns, strobes, fuses, lamps, LEDs, control panels, control equipment, batteries, and wiring or cabling.

2.5.3. Inquire

- A. Regarding any changes or modifications of the fire detection and alarm system
- B. Regarding changes in the general occupancy environment, operations and conditions relating to the fire detection and alarm system in accordance with NFPA recommended procedures
- C. Regarding the Agencies general storage and stock arrangements for combustibles in relation to fire alarm and suppression systems

2.5.4. Inspections

- A. Each system to determine whether it is in service and in satisfactory condition in accordance with NFPA standards
- B. Site conditions and identify any issues that could compromise the performance of mechanical and/or electronic components of the system
- C. The general condition of the fire alarm panel and related equipment
- D. Test smoke and heat detectors in accordance with manufacturer specifications
- E. Fire alarm control panels and remote fire alarm panels
- F. All annunciators and zones physically and visually, and test by tripping a detector
- G. Add meter batteries
- H. Exercise flow switches, tamper switches and low-pressure alarms
- I. Output relays and test their activation
- J. Verify, if applicable, that all signals are received by designated alarm service provider
- K. All smoke detectors for cleanliness. Clean all detectors that require cleaning in accordance with manufacturer guidelines, as applicable
- L. Operability of non-restorable heat detector circuits by simulating electrical operation at the wiring connection
- M. Test functionality of all accessible heat-actuating devices, both electrically and pneumatically in accordance with manufacturer specification. When explosive conditions are present, hot water shall be used to heat-test accessible

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heat actuating devices

N. And exercise all supervised control valves and switches

2.5.5. Additional Requirements

- A. During testing of the fire detection system, activate outputs for the purpose of equipment shutdown, start-up, and HVAC/smoke control
- B. Tag devices as required and perform required record-updates
- C. Provide a brief written report of the inspection to Purchasing Entity, detailing any deficiencies
- D. Be sure Purchasing Entity is updated with proper operation of the equipment, as needed

2.6. EMERGENCY LIGHTING

2.6.1. In the event of power loss or fire, building occupants depend on emergency lighting and exit signs that guide evacuees to safety. Improperly maintained emergency lighting systems are unacceptable. Vendor is required to perform complete inspections of these systems in accordance with applicable codes. Vendor providing maintenance services for these systems are required to maintain an adequate inventory of replacement parts applicable to servicing a full range of system brands.

2.6.2. Inspections

- A. Each system to determine whether it is in service and in satisfactory condition in accordance with NFPA standards
- B. Site conditions and identify any issues that could compromise the performance of mechanical and/or electronic components of the emergency lighting system
- C. Test each unit to ensure that lighting systems will illuminate a minimum of 90 minutes (OSHA, NFPA and NEC minimum standards)
- D. Adjust the PC board float voltage, where applicable to ensure extended life of batteries and other key components
- E. All bulbs and lamp heads to ensure they are operational and meet code-specified lighting requirements.
- F. All exit signs for proper function
- G. Clean all battery terminals and leads
- H. Emergency lights and exit signs for appropriate placement

2.6.3. Additional Requirements

- A. Check energy efficiencies of all units, bulbs, and lamps
- B. Tag devices as required and perform required record-keeping
- C. Provide a brief written report of the inspection to Purchasing Entity, detailing any deficiencies
- D. Be sure Purchasing Entity is updated with proper operation of equipment, as needed

2.7. SPECIAL HAZARD FIRE SUPPRESSION SYSTEMS

2.7.1. Used where chemicals, flammables, equipment or processes require specialized fire suppression strategies. Such systems protect aircraft, computer rooms, fuel pump islands, clean rooms, rare documents, telecommunications centers, power plants, tire storage facilities and many other high-values and/or high-hazard assets. The suppression agents vary with the application, and may include CO₂, FM200, Inergen, Novec1230, FE25/ECARO 25, foam, dry chemical, or other special chemical formulations. A written report of findings from inspection must include recommendations for corrective action where needed.

2.7.2. Inspections

- A. System to determine whether it is in service and in satisfactory condition, in accordance with NFPA standards
- B. Site conditions, and identify any issues that could compromise the performance of mechanical and/or electronic components of the system
- C. Discharge devices for adequate condition and clearance to allow for proper distribution and activation
- D. Each release control device for proper position, general condition, accessibility, and appropriate signage
- E. Each special hazard system, and conduct required tests, weather permitting. (In case of inclement weather, technician will need to reschedule for earliest possible date)
- F. Fire Department connection couplings, caps, threads, clappers, check valves and drains
- G. General condition of visible and accessible piping, hoses, hangers, drain valves, gauges, and related equipment
- H. Cylinders, straps, and outlet fittings connected to the discharge manifold for tightness and bracing
- I. Agent storage devices for the proper quantity of extinguishing agent, check storage pressure, and record the last hydro-test date for agent cylinders and hoses

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2.7.3. Additional Requirements

- A. Changes in building status that may affect the performance or reliability of the special hazard system, including obstructions
- B. Changes or modifications made to the special hazard fire suppression system
- C. General storage and stock arrangements for combustibles in relation to special hazard fire suppression
- D. Tag devices as required and perform all required record-keeping
- E. Provide a brief written report of the inspection to Purchasing Entity
- F. Be sure Purchasing Entity is updated with proper operation of the equipment, as needed

2.8. PORTABLE FIRE EXTINGUISHER INSPECTION, SERVICE, and TESTING

2.8.1. Portable extinguishers must be tested to be certain that they are charged and in proper working order, and suitably located according to their potential hazard environment. All fire extinguisher inspections, service, selection and placement, will be conducted annually in compliance with all applicable codes, and each extinguisher use class must be clearly identified, properly positioned and appropriate to location. Following inspection, a written report of findings shall be provided noting inspection date, time, and service technician. The report will also identify equipment type/class or placement discrepancies and offer recommendations, if applicable.

2.8.2. Inspections

- A. Each unit to be sure it is properly hung with the proper manufacturer hanger
- B. Gauge pressure
- C. Condition of gauge and its compatibility with extinguisher
- D. Weight of extinguisher
- E. Last hydro-test test date is within code requirements
- F. Last 6-year maintenance inspection, if applicable
- G. Valve and shell for damage or corrosion
- H. Hose and inspect it for cracks or splits (remove hose to inspect closely)
- I. Hose threads for signs of wear
- J. Condition of discharge horn
- K. For obstructions that may interfere with access to the extinguisher.
- L. Additionally, by breaking extinguisher seal and remove locking pin
- M. Upper and lower handles

2.8.3. Additional Requirements

- A. Replace locking pin and reseal extinguisher
- B. Inspect valve opening for powder or any foreign matter
- C. For dry extinguishers, fluff the powder by turning the unit
- D. Clean extinguisher shell with spray cleaner
- E. Return hose to its proper position
- F. Check condition of hose/horn retention band at the side of the extinguisher
- G. Verify that each unit classification is properly identified with the appropriate decal
- H. Check that all operating instructions are clean and legible
- I. Properly tag each extinguisher
- J. Survey the area around the unit to verify that the unit classification corresponds properly with all potential hazards
- K. Verify unit is properly located within normal travel pathways and positioned at a conspicuous and accessible height
- L. Ensure unit is visible and unobstructed
- M. Replace extinguisher on its hanger
- N. Provide a brief written report of the inspection to Purchasing Entity, detailing any deficiencies

2.9. NEW PORTABLE FIRE EXTINGUISHER SALES

2.9.1. Minimum requirements of all new fire extinguishers:

- A. All fire extinguishers, including all component hardware, charge, and propellant, shall be new
- B. Must have a minimum six-year factory warranty, which shall begin upon Purchasing Entity's Acceptance of the Product
- C. Must meet all organizational (UL, DOT, NFPA, OSHA, FEMA, etc.) standards
- D. Must be corrosion resistant and be painted red, except water spray-type (class A), which shall be stainless steel
- E. Valve assemblies must be metal

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- F. Purchasing Entity must be made aware when the next inspection will require the current extinguisher to be replaced, and at what cost

2.9.2. Additional Requirements

- A. Extinguishers must be delivered with a current inspection tag
- B. Packaging and shipping must conform to applicable federal and state regulations
- C. Deliveries must have HM-126C MSDS sheets for proper extinguishing agents
- D. A 24-hour toll free 800 number must appear on all copies of the invoice/packing slip. 8. All invoiced shipments must be delivered in accordance with all state and federal regulations
- E. Vendor is required to replace defective, incorrect contents, incorrectly sized or incorrectly placed fire extinguishers at no charge, and within 12 hours of notification

2.10. KITCHEN FIRE SUPPRESSION – COMMERCIAL HOOD SYSTEM

2.10.1. Most commercial kitchens use high-temperature appliances, cooking oils, and solid fuels. Kitchen fire suppression systems must be in peak working condition to ensure the safety of employees and patrons alike. In government and educational food service environs, safety considerations are especially important

2.10.2. Inspections must be performed in accordance with applicable standards, current codes and requirements for this equipment, including use of dry chemical extinguishing agents. All inspections must be scheduled and conducted with the goal of minimizing downtime

2.10.3. User personnel must be familiarized with the proper use and care of kitchen fire suppression systems to reduce the possibility of expensive, unnecessary discharges, resulting in safer, more productive working environments for staff. A detailed, written report of all inspection findings is required, including recommendations for any corrective actions where needed

2.10.4. Inspections

- A. System to determine whether it is in service, and all components are in satisfactory condition in accordance with NFPA standards
- B. Site conditions and identify any issues that could compromise the performance of mechanical and/or electronic components of system
- C. And test remote pulls for condition and operability
- D. Automatic trips perform a trip test of system
- E. Test manual release of system

2.10.5. Additional Requirements

- A. Verify mechanical operation of system
- B. Check gas shutoff function, if applicable, or electrical shutoff function, if applicable
- C. Replace fusible links where required
- D. Inspect system components for cleanliness
- E. Restore system to normal operation
- F. Reset system
- G. Install new tamper seals
- H. Inspect suppression agent cylinder
- I. Verify cylinder/cartridge pressure, agent weight and condition
- J. Check that last hydro-test test date is within code requirements
- K. Inspect and verify piping/bracing to manufacturer specifications
- L. Inspect all nozzles and verify that they are properly aimed, free of any damage or blockages, and have proper blow-off caps intact
- M. Verify that system Owner's Manual is available on-site
- N. Verify that a proper portable fire extinguisher is available in an easily seen, accessible location, and a suitable type to the environment
- O. Ask Purchasing Entity about general occupancy relating to the kitchen fire suppression system in accordance with all applicable NFPA recommended procedures
- P. Inspect for any changes in the hazard area that may affect performance and reliability of fire suppression system
- Q. Tag devices as required and perform required record-keeping
- R. Compile a report of the inspection
- S. Familiarize the Purchasing Entity with proper operation of system equipment

2.11. COMMERCIAL HOOD SYSTEMS CLEANING

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2.11.1. The State desires that vendors incorporate, to the fullest extent possible, environmentally responsible business practices. To that end, the State expects all prospective contractors to demonstrate commitment to and experience in environmental sustainability and public health protection practices applicable to their line of services. In accordance with State EPP Policy, the cleaning products used for Commercial Hood Systems Cleaning should be in accord with the standards and recommendations of the United States Environmental Protection Agency EPP program, the Green Seal organization, and standards and practices specified by the U.S. Green Building Council. Hood cleaning products registered under NSF International are also acceptable.

2.11.2. Vendor to Provide

- A. High pressure spray unit(s) for cleaning commercial hoods
- B. Purchasing Entity representative with a cleaning schedule
- C. When cleaning multiple units, schedule off-peak hours for cleaning
- D. Prearrange with Purchasing Entity representative for kitchen key(s) and roof accessibility, as applicable
- E. Ladder(s) for buildings without roof access and all other ladder requirements
- F. Lighting accessories
- G. Tools and equipment necessary to perform hood cleaning & clean-up
- H. Grease bearings on blower shaft, (if noted on job order)
- I. Return all issued keys to agencies representative upon completion of job (if applicable)

2.11.3. Hood System Cleaning Scope of Work

A. Kitchen Setup

- 1. Turn off appliances and pilot lights
- 2. Remove or place boards over deep fat fryers
- 3. Place boards over range, cookers, etc.
- 4. Place polyurethane over all appliances and clip to troughs
- 5. Clip and drape polyurethane from the hood canopy, directing water to suitable drain or collection container

B. Remove grease filters

C. Clean filters, as noted on job order

D. Set-Up for Roof Fan Cleaning

2.12. ACCESS CONTROL SYSTEMS

2.12.1. Access Control System (TACACS) is a centralized access control system that requires users to send an ID and static (reusable) password for authentication. TACACS uses UDP port 49 (and may also use TCP). Reusable passwords are a vulnerability: the improved TACACS+ provides better password protection by allowing multifactor authentication.

2.12.2. The Access Control Systems category includes, but is not limited to the following services:

A. All aspects of access control system services

B. Installation of new systems

C. Replacement or upgrade of systems

D. Removal of existing systems

E. Integration of various types of systems

F. Provide and install all related equipment and any items necessary for operation and installation of equipment such as wires and fasteners that are needed to complete work

2.12.3. Maintenance and repair (including emergency repairs) of systems

A. Respond on site to trouble calls within four (4) hours, including weekends and holidays

B. Repair personnel must carry adequate hardware inventory to replace, repair, and/or maintain each system at the time dispatched

C. Repair personnel must be prepared to provide an immediate replacement for defective equipment and shall not remove a defective unit without an immediate replacement

D. Replacement and repair of equipment must be provided to a specific location, or within an assigned geographical area inside a location

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- 2.12.4. Provide programming and work individually with each Participating Entity information technology staff when installing new or maintaining previously installed systems.
- 2.13. BURGLAR ALARM SYSTEMS
 - 2.13.1. The Burglar Alarm Systems category includes, but is not limited to the following services:
 - 2.13.2. All aspects of burglar alarm system services
 - 2.13.3. System Monitoring:
 - A. Provide a 24-hour (UL) station
 - B. Provide backup communication, i.e., radio or cell phone
 - 2.13.4. Installation of new systems
 - 2.13.5. Replacement or upgrade of systems
 - 2.13.6. Removal of existing systems
 - 2.13.7. Maintenance and repair (including emergency repairs) of systems
 - A. Respond on site to trouble calls within four (4) hours, including weekends and holidays
 - B. Repair personnel must carry adequate hardware inventory to replace, repair, and/or maintain each system at the time dispatched
 - C. Repair personnel must be prepared to provide an immediate replacement for defective equipment and shall not remove a defective unit without an immediate replacement
 - D. Replacement and repair of equipment must be provided to a specific location, or within an assigned geographical area inside a location
 - 2.13.8. Integration to existing systems as requested
 - 2.13.9. Provide and install all related equipment and items that are needed to complete work
 - 2.13.10. The authorized Purchasing Entity representative and/or designee will identify the procedures by which work requests will be assigned
 - 2.13.11. Existing systems must be matched in any new additions or new construction. During renovations, the system in the renovated area being replaced must match the system that is currently in operation and must become an integral part thereof. Vendors must ensure complete connectivity and integration to each existing system in those instances where an addition or upgrade is warranted
 - 2.13.12. Designate a single point of contact who can address the programming needs of alarm systems in use throughout Purchasing Entity facilitates with a certified tech
 - 2.13.13. Vendors must possess the ability to provide for individual access codes
- 2.14. SURVEILLANCE SERVICES AND EQUIPMENT
 - 2.14.1. This category includes, but is not limited to the following services:
 - 2.14.2. All aspects of cloud-based and video surveillance systems, services, and equipment
 - 2.14.3. Installation of new systems
 - 2.14.4. Replacement or upgrade of systems
 - 2.14.5. Removal of existing systems
 - 2.14.6. Maintenance and repair (including emergency repairs) of systems
 - A. Respond on site to trouble calls within four (4) hours, including weekends and holidays
 - B. Repair personnel must carry adequate hardware inventory to replace, repair, and/or maintain each system at the time dispatched
 - C. Repair personnel must be prepared to provide an immediate replacement for defective equipment and shall not remove a defective unit without an immediate replacement
 - D. Replacement and repair of equipment must be provided to a specific location, or within an assigned geographical area inside a location
 - 2.14.7. Integration to existing systems as requested
 - 2.14.8. Provide and install all related equipment such as wires and fasteners that may be needed to complete work.
 - 2.14.9. Provide the option to use video cards for video surveillance
 - 2.14.10. Vendors must offer video cards with various capacity sizes to meet all potential needs. Capacity and specifications as determined by the Participating Entity.
 - 2.14.11. Provide the option for agencies to build their own stand-alone computer to run the system, or request that the vendor build it for them

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2.14.12. Offer a wide variety of indoor and outdoor cameras and wireless transmitters to work in conjunction with video cards

2.15. HIGH SECURITY CONTROL SYSTEMS

2.15.1. The High Security Control Systems category includes, but is not limited to the following services:

2.15.2. Replacement or upgrade of systems

2.15.3. Testing, training

2.15.4. The DCS category custom-integrates HMI /SCADA operator interfaces with programmable logic controllers (PLCs), and various communication subsystems to create a single integrated security system. Custom tailor, program, and configure to remotely move and secure confined individuals in a specific detention, correctional, courts holding, mental health, or similar secure facility; generally, from a 24-hour central control room supported by distributed satellite stations. Representative subsystems may include, but is not limited to:

- A. Operator interfaces employing PC-based human-machine-interface (HMI) and supervisory control and data acquisition components (SCADA) software. Configure as client/server or peer systems. Representative pointing devices include mouse, touchscreen, or both
- B. Master-to-master staff intercommunications, typically on a full-duplex, dialup basis
- C. Door monitoring and control systems. Field device interfaces (relays, fuses, and terminals) to detention locking systems and door control programming
- D. Utility monitoring and control systems. Data interfaces or field device interfaces to lighting control panels and relays, power control relays and breakers, flushing control systems, water control valves, telephone cutoff relays, fan control relays, generator monitoring interfaces, transfer switch monitors and transfer relays, and similar utility monitoring and control systems
- E. Perimeter alarm systems. Data interfaces or field device interfaces to perimeter security and intrusion detection systems
- F. Duress alarm systems. Data interfaces or field device interfaces to fixed or mobile duress alarm systems, including body-worn transmitters, duress pushbuttons, and subsystems that provide locating technology

2.15.5. Maintenance and repair, including emergency repairs of system.

- A. Respond on site to trouble calls within four (4) hours, including weekends and holidays
- B. Adequate hardware inventory to replace, repair, and/or maintain each system at the time dispatched
- C. Vendor to be prepared to provide an immediate replacement for defective equipment and shall not remove a defective unit without an immediate replacement

2.16. INSPECTIONS & MONITORING

2.16.1. Vendor must:

- A. Guarantee system performance 99% uptime
- B. Perform inspections as required by the Purchasing Entity

2.16.2. Fire Extinguishing Systems. The Fire Extinguishing System category includes inspections of new extinguishing systems, including:

- A. Pre-engineered systems; and
- B. Engineered systems

2.16.3. Fire Sprinkler Systems. Awarded vendors will be required to perform the following annual services:

- A. Inspect installed equipment, including alarm devices, sprinkler heads, pipes, insulation, line pressure, unusual wear/corrosion, hose connections, hose racks, fire department connections, and other equipment in accordance with all rules and regulations within the Participating Entities
- B. Provide condition analysis report for all equipment inspected, highlighting any potential repairs needed, including any known rules and/or regulation infractions, noting specific location/equipment and specific rule and/or regulation violated prior to any repairs
- C. Ensure that systems are constantly operational

2.16.4. Fire Alarm/Protective Signaling Systems. Awarded vendors will be required to perform the following semiannual/annual inspection services:

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- A. Inspect installed equipment, including complete testing of all fire alarm initiating devices, supervisory devices, and notification appliances
- B. Inspect fuses, lamps, LEDs, control equipment including all wiring, connections, and insulation; and
- C. Provide the Participating Entities with a test report within 24 hours of completion, unless otherwise agreed upon in writing by both parties
- D. Some facilities may not accommodate one complete inspection per year of all fire alarm systems at one time. In this case, vendors will be required to service a portion of the alarm system each quarter until all systems have been inspected throughout the course the year

2.16.5. Alarm Monitoring

- A. Provide a 24-hour, 7 day per week UL listed station for monitoring alarm systems, including providing backup communication using a radio or cellular service.

3. GENERAL REQUIREMENTS

3.1. BACKGROUND CHECKS

- 3.1.1. All background checks as required by Participating and Purchasing Entities must be completed prior to any work being done.
- 3.1.2. All vendors and vendor employees providing on-site services under this contract must be required to submit to and pass background checks. Upon request from Purchasing Entities, vendors must provide copies of background checks or submit to additional security requirements.
- 3.1.3. All costs associated with background checks will be at vendor expense.
- 3.1.4. Vendor is responsible for ensuring the following.

- A. Vendor must not begin work until clearance has been issued by Purchasing Entity.
- B. Notification and access to facilities must be pre-authorized by Purchasing Entities.

3.2. PUBLIC WORKS PROJECTS

- 3.2.1. Any projects that are federally funded may be subject to the requirements of *Davis-Bacon Act and/or the Davis-Bacon Wage Decision*.
- 3.2.2. Labor prices for affected projects may be negotiated between the Purchasing Entity and the contractor, provided the contractor provides adequate documentation for any negotiated increase.

- A. Documentation may include payroll records, copies of wage decisions, and/or other information that establishes a clear difference between contractor standard wage and the prevailing Davis-Bacon wage for any affected employee for that project.
- B. Under no circumstances will that price be increased by an amount higher than the difference between the normal hourly rate and the hourly rate required by the applicable Davis-Bacon Wage Decision.

- 3.2.3. Vendors must include in job quotes the standard business hours and prevailing wage rate for the job location. Quotes should include shift differential, if any, for working nights and weekends.

- 3.2.4. Jobsites must be cleaned every day.

- 3.2.5. Awarded vendor(s) must complete any punch lists within five (5) days of receipt. Exceptions to this standard may be addressed on an individual project basis.

3.2.6. Asbestos

- A. Asbestos may be present in facilities and may be encountered in previously inspected buildings.
- B. Upon discovering asbestos or a suspected asbestos-containing material (ACM), all work shall immediately stop in the affected area and contractor will immediately contact the project manager and/or building owner;
- C. The project manager and/or building owner shall assume responsibility for taking material samples for testing; and
- D. The project manager/building owner will convey all pertinent information regarding asbestos test results to the vendor and, if necessary, conduct any required remediation prior to resuming work in the affected area.
- E. All remediation work must be performed by a contractor specifically licensed and/or certified to perform asbestos remediation.
- F. Vendors may be held liable for violations of any applicable federal, state and/or local environmental laws or regulations, whether committed through action or inaction.

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- 3.3.1. Vendor must guarantee workmanship at vendor expense for a period of twelve (12) months from date of installation.
- 3.3.2. Work shall be performed in accordance with manufacturers' recommendations and with all current local codes, regulations, and installation guidelines.
- 3.3.3. Vendor may be required to do some work after normal business hours (8am-5pm, unless otherwise specified by the Purchasing Entity); however, it is anticipated that most work will be completed during normal business hours.
- 3.3.4. Vendor staff is responsible for performing a standard site walk-through and providing competent personnel to perform the specific scope(s) required. Due to the nature of these scopes of work and the liability involved, each Purchasing Entity will have the final determination of competency in all matters regarding personnel provided by vendor.
- 3.3.5. Once vendor has possession of equipment to be installed, responsibility for all equipment, including storage during installation work, shall be at vendor expense when storage space is unavailable at a jobsite.

3.4. PENALTY FOR IMPROPER PRICING

- 3.4.1. Vendor is responsible for ensuring all prices proposed for all projects are accurate and consistent with the terms of the contract.
- 3.4.2. For all projects completed under this contract: if vendor submits an invoice containing incorrect pricing in favor of vendor, that vendor shall submit a new, corrected invoice with a 25% reduction in cost for each incorrectly priced item.
- 3.4.3. If vendor continues to provide incorrect invoicing each Purchasing Entity has the option to cancel their contract in its entirety without penalty.
- 3.4.4. Vendors are not allowed to charge fees above or in addition to pricing set forth in the MA after award has been made. Failure to comply may be grounds for cancellation of the contract.

3.5. STANDARD OF PERFORMANCE AND ACCEPTANCE

- 3.5.1. The Standard of Performance applies to all product(s) purchased under this Master Agreement, including any additional, replacement, or substitute product(s), as well as any product(s) which are modified by or with the written approval of the vendor and acceptance by the Purchasing Entity.
- 3.5.2. The Acceptance Testing period shall be seven (7) calendar days, or any other time period identified in the solicitation or the Participating Addendum, beginning with the day after the product is installed and/or certification is received that the product is ready for Acceptance Testing.
- 3.5.3. If the product does not meet the Standard of Performance during the initial period of Acceptance Testing, the Purchasing Entity may, at its discretion, continue Acceptance Testing on a day-to-day basis until the Standard of Performance is met.
- 3.5.4. Upon rejection, the vendor will have three (3) calendar days to cure any Standard of Performance issue(s).
- 3.5.5. If, after the cure period, the product still has not met the Standard of Performance, the Purchasing Entity may, at its option:
 - A. Declare the vendor to be in breach and terminate the order
 - B. Demand a replacement product from the vendor at no additional cost to Participating Entity or
 - C. Continue the cure period for an additional time period agreed upon by the Participating Entity and the vendor.
- 3.5.6. Vendor shall pay all costs related to the preparation and shipping of returned products.
- 3.5.7. No product shall be accepted, and no charges shall be paid until the Standard of Performance is met.
- 3.5.8. The warranty period will begin upon the Purchasing Entity acceptance.

3.6. TRAVEL. All travel will be negotiated within each Participating Addendum. Travel may be subject to limits of Participating Entity rules.

3.7. AUTHORIZATION TO WORK. Vendor is responsible for ensuring that all employees and/or subcontractors are authorized to work in the United States.

3.8. SYSTEM COMPLIANCE WARRANTY. Licensor represents and warrants: (a) that each Product shall be Date Compliant; will operate consistently, predictably and accurately, without interruption or manual intervention, and in accordance with all requirements of this Agreement, including without limitation the Applicable Specifications and the Documentation, during each such time period, and the transitions between them, in relation to dates it encounters or processes; (b) that all date recognition and processing by each Product will include the Four Digit Year Format and will correctly recognize and process the date of February 29, and any related data, during Leap Years; and (c) that all date sorting by each Product that includes a "year category" shall be done based on the Four Digit Year Format.

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4. TERMS AND CONDITIONS FOR GOODS

- 4.1. EXPRESS WARRANTIES. For the period specified on the face of the contract, contractor warrants and represents each of the following with respect to any goods provided under the contract, except as otherwise provided on incorporated attachments:
- 4.1.1. Fitness for Particular Purpose; The goods shall be fit and be sufficient for the particular purpose set forth in the solicitation documents.
 - 4.1.2. Fitness for Ordinary Use; The goods shall be fit for the purpose for which goods of a like nature are ordinarily intended, it being understood that the purpose for the goods covered by the contract are ordinarily intended is general government administration and operations.
 - 4.1.3. Merchantable; Good Quality, No Defects; The goods shall be merchantable, of good quality, and free from defects, whether patent or latent, in material and workmanship.
 - 4.1.4. Conformity: The goods shall conform to the standards, specifications and descriptions set forth in the incorporated attachments. If contractor has supplied a sample to the State, the goods delivered shall conform in all respects to the sample and if the sample should remain in State possession it shall be identified by the word "sample" and the signature of contractor sales representative.
 - 4.1.5. Uniformity: The goods shall be without variation, and shall be of uniform kind, quality, and quantity within each unit and among all units.
 - 4.1.6. Packaging and Labels; The goods shall be contained, packaged, and labeled so as to satisfy all legal and commercial requirements applicable to use by a government agency, including without limitation, OSHA material safety data sheets and shall conform to all statements made on the label.
 - 4.1.7. Full Warranty: The foregoing warranties are "full" warranties within the meaning of the Magnuson-Moss Warranty - Federal Trade Commission Improvement Act, 15 U.S.C. § 2301 et seq., and implementing regulations 16 C.F.R. pts. 700-703, if applicable to this transaction.
 - 4.1.8. Infringement Indemnity; Refer to NASPO ValuePoint Master Agreement Terms and Conditions, Section 33.
 - 4.1.9. Usage of Trade; Course of Dealings; Implied Warranties. contractor shall also be bound by any other implied warranty that, at the time of execution of the contract, prevails in the trade of government in the marketing area in and about the State of Nevada. contractor shall also be bound by any other implied warranty arising through course of dealings between contractor and the State from and after the execution of the contract. contractor shall also be bound by all warranties set forth in Nevada Uniform Commercial Code (NRS Title 8) in effect on the date of execution of the contract.
 - 4.1.10. Obsolete Equipment: Agencies or Entities will not be billed/invoiced for upgraded equipment due to obsolete equipment owned by the vendor.
 - 4.1.11. Warranties Cumulative: It is understood that warranties created by the contract, whether express or implied, as well as all warranties arising by operation of law that affect the rights of the parties under the contract, are cumulative and should be construed in a manner consistent with one another.
 - 4.1.12. Priority of Warranties; If it is held by a court of competent jurisdiction that there is an irreconcilable conflict between or among any of the warranties set forth in the contract and any warranties implied by law, the parties agree that the specifications contained in the contract shall be deemed technical and mere language of description.
 - 4.1.13. Beneficiaries of Warranties; Benefit of any warranty made in the contract shall be in favor of the State of Nevada and Participating Entities, any of their political subdivisions or agencies, and any employee or licensee thereof who uses the goods, and the benefit of any warranty shall apply to both personal injury and property damage.
- 4.2. DELIVERY: INSPECTION: ACCEPTANCE; RISK of LOSS. contractor agrees to deliver the goods as indicated in the contract, and upon acceptance by the Purchasing Entity, title to the goods shall pass to the Purchasing Entity unless otherwise stated in the contract. The Purchasing Entity shall have the right to inspect the goods on arrival and, within a commercially reasonable time, the Purchasing Entity must give notice to contractor of any claim or damages on account of condition, quality, or grade of the goods, and the Purchasing Entity must specify the basis of the claim in detail. Acceptance of the goods is not a waiver of UCC revocation of acceptance rights or of any right of action that the Purchasing Entity may have for breach of warranty or any other cause. Unless otherwise stated in the contract, risk of loss from any casualty, regardless of the cause, shall be on contractor until the goods have been accepted and title has passed to the Purchasing Entity. If given any, the Purchasing Entity agrees to follow reasonable instructions regarding return of the goods.
- 4.3. NO ARRIVAL; NO SALE. The contract is subject to provisions of no arrival, no sale terms, but proof of shipment is to be given by vendor, each shipment to constitute a separate delivery. A variation of ten days in time of shipment or delivery from that specified herein does not constitute a ground for rejection. The Purchasing Entity may treat any deterioration of the goods as entitling the Purchasing Entity to the rights resulting from a casualty to the identified goods without regard to whether there has been sufficient deterioration so that the goods no longer conform to the contract.
- 4.4. PRICE; TAXES; PAYMENT. The price quoted is for the specified delivery, and, unless otherwise specified in the

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contract, is F.O.B. to the delivery address specified above. Unless otherwise specified in a Participating Addendum, the price does not include applicable federal or State sales, use, excise, processing or any similar taxes, or duty charges, which shall be paid by the Purchasing Entity, or in lieu thereof, the Purchasing Entity shall provide vendor with a tax exemption certificate acceptable to the applicable taxing authority.