

COUNTY OF KENOSHA
REQUEST FOR BID (RFB) #2202
COUNTYWIDE FIRE INSPECTION –
2202B – SPRINKLERS, HYDRANTS, BACKFLOW PREVENTERS

WATER-BASED (SPRINKLER) WET AND DRY, FIRE PROTECTION SYSTEMS REQUIREMENTS

- The vendor shall perform periodic inspections, tests, and maintenance to ensure water-based fire protection system equipment to be in good operating condition and shall correct any defects or impairments revealed. Inspection, testing, and maintenance shall be at frequencies and in accordance with procedures meeting or exceeding those established in the latest NFPA 25, Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems, both wet pipe and dry pipe; and in accordance with the manufacturer's instructions.
- Tasks shall be performed by vendor personnel who have developed competence through training and experience.

Sprinkler Systems Inspection, Testing and Maintenance

- The vendor shall perform routine inspection, testing and maintenance of sprinkler systems according to the minimum requirements. Methods, procedures and acceptance criteria shall be in accordance with NFPA and appropriate references provided therein.

Inspection Dates

- All Kenosha County facilities are to have the sprinkler systems inspected annually in strict compliance with the latest NFPA code. Additionally, the sprinkler system located at the Brookside Care Center, which is a County run Nursing home, will have quarterly sprinkler system inspections, along with annual inspections 12 months to the date or sooner than the previous annual inspection and must adhere to all and latest NFPA codes.

Impairment Procedures

- The vendor shall follow the minimum or better requirements for any water-based fire protection system impairments. Measures shall be taken during the impairment to ensure that increased risks are minimized, and the duration of the impairment is limited.
- All pre-planned impairments shall be authorized by The County's designee for each facility.
- All necessary tools and materials will be assembled on the impairment site.
- The vendor shall notify The County's designee for each facility, who in conjunction will work with the bidder to notify the reporting agency or fire department, if required, the alarm-receiving facility and Kenosha County's insurance carrier before testing or shutting down a system or its supply. The notification shall include the purpose for the shutdown, the system or component involved, and the estimated time of shutdown.
- A tag shall be used to indicate that a system, or part thereof, has been removed from service.
- The tag shall be posted at each fire department connection and system control valve indicating which system, or part thereof, has been removed from service.
- The authority having jurisdiction may specify other locations for the tag to be placed.

- In the event of emergency impairments, the vendor shall take emergency action to minimize potential injury and damage. Emergency impairments include but are not limited to system leakage, interruption of water supply, frozen or ruptured piping, and equipment failure.

Repair of Deficiencies

- The bidder shall immediately report all system defects and malfunctions to the facility designee. The bidder will not make any repairs without authorization from the facility designee. The County reserves the right to bid out any repair at the sole discretion of Kenosha County. Qualified maintenance personnel shall perform corrections and repairs.

Restoring Systems to Service

- When all impaired equipment is restored to normal working order, the vendor shall verify that the following procedures are implemented:
- Any necessary inspections and tests have been conducted to verify that affected systems are operational.
- The County's designee for each facility is advised that protection is restored.
- The fire department has been advised that protection is restored.
- Kenosha County's insurance carrier and alarm company are advised that protection is restored.
- The impairment tag(s) are removed.

FIRE HYDRANT INSPECTION

- Exercise hydrant valve open and close to ensure hydrant valve fully re-seats.

BACKFLOW PREVENTERS

Perform annual backflow preventer testing per State of Wisconsin guidelines

Inspection Dates

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Repair of deficiencies

- The bidder shall immediately report all system defects and malfunctions to the facility designee. The bidder will not make any repairs without authorization from the facility designee. The County reserves the right to bid out any repair at the sole discretion of Kenosha County. Qualified maintenance personnel shall perform corrections and repairs.