



Fire Alarm/Safety System Inspection and Maintenance Services for a Five-Year Period

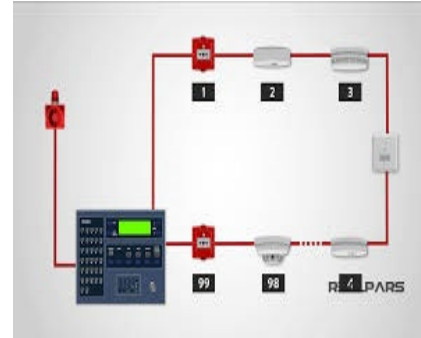
Presented to: Organizational, Services &
Performance Monitoring Committee

May 7, 2024

NFPA Requirements

- National Fire Protection Agency (“NFPA”)
- Semi-Annual inspection on Suppression Systems
- Annual inspection on fire alarm panels and peripherals
- Annual inspection on extinguishers
- Annual inspection on backflow prevention systems
- Quarterly inspection on Sprinkler System
- 5-year internal Sprinkler System inspection of all Sprinkler/Suppression systems

Systems Tested



Scope of Work

Fire Alarm Control Panels

- Common alarm functions
- Fuses, lamps and LED's
- Primary and Secondary power supplies
- Interface equipment, reporting of alarms to Transit Police at the Integrated Communication Center
- Output controls for required shut down of equipment associated with the Special Hazard System i.e. FM-200 and Halon

Scope of Work Cont:

Sprinkler Systems

- Visual inspection of all sprinkler heads as required by NFPA
- Activation of all water flow switches with actual flow of water
- Activation of tamper switches
- Backflow prevention inspection
- Wet and dry standpipes inspection and pressure testing as required by NFPA

Scope of Work Cont:

- Fire Pump inspection and flow testing, testing of interface point to the Fire Alarm Systems
- Jockey pump and compressor inspections
- Activation of all interlocks and valves
- Visual inspection of internal piping system

Scope of Work Cont:

Fire Alarm Peripherals

- Visual inspection of devices to assure that they are mechanically secure
- Activation/Testing of all initiating devices
- Activation/Testing of all notification devices
- Sensitivity check on all smoke detectors as required by NFPA

Life Safety System

- Transit Police acts as the proprietary central station for GCRTA pursuant to NFPA 72 sections 5-3. et. a.l.
- To achieve this requirement, GCRTA has the Integrated Life Safety System, which has approximately 1350 HID proximity card readers and supports over 3,000 cardholders. It also integrates 1300+ CCTV cameras and WEB Client Remote Access.

Procurement Overview

- Section 306.43 (H)(4) of the Ohio Revised Code provides political subdivisions, within the State of Ohio, the opportunity to participate in contracts executed by the State of Ohio, Department of Administrative Services.
- Johnson Controls has manufactured, maintained, inspected and supported all Life Safety and Security Systems installed at GCRTA for over the past 25 years. A significant portion of the systems parts are proprietary and can only be obtained from Johnson Controls.

Procurement Overview

- The fire alarm/life safety system testing service and preventative maintenance for the Authority will be performed by Johnson Controls Fire Protection LP through the State of Ohio, Department of Administrative Services, Cooperative Purchasing Program under State Contract No. OT903221. This contract is a result of a competitive solicitation.

Procurement Overview

Project Cost Breakdown

Year	Term	Maintenance Contract	Service Repairs	Total
1	7/1/2024 - 6/30/2025	\$134,039.12	\$95,000.00	\$229,039.12
2	7/1/2025 - 6/30/2026	\$134,039.12	\$95,000.00	\$229,039.12
3	7/1/2026 - 6/30/2027	\$134,039.12	\$95,000.00	\$229,039.12
Option Year 4	7/1/2027 - 6/30/2028	\$134,039.12	\$95,000.00	\$229,039.12
Option Year 5	7/1/2028 - 6/30/2029	\$134,039.12	\$115,000.00	\$249,039.12

- 3-year total
\$687,117.36
- 5-year total
\$1,165,195.60

Procurement Overview

Recommendation:

- Staff requests that the Organizational, Services & Performance Monitoring Committee recommend award to Johnson Controls Fire Protection LP for the fire alarm/life safety system testing service and preventative maintenance contract in an amount not to exceed \$687,117.36 for the base three years and in an amount not to exceed \$229,039.12 for option year one and in an amount not to exceed \$249,039.12 for option year two, for a total contract amount not to exceed \$1,165,195.60 for a five-year period.

Questions?

