

Prairie State College

Specifications for Fire Testing and Inspection

Proposals are being solicited for Fire System Testing and Inspection at Prairie State College, Main Campus 202 South Halsted, Chicago Heights, Illinois. The maintenance contract is for the following locations:

Main Campus: 202 South Halsted Street Chicago Heights, Illinois 60411

TWL: 191 South Halsted, Chicago Heights Illinois 60411

MAC: 4821 Southwick Drive, Matteson, Illinois 60443

The contract for this service will be for a three (3) year period beginning June 1, 2020 with an option to renew for two additional years if the college is satisfied with the year one service.

If during the term of this contract, Contractor violates any of the provisions of this contract or fails to properly provide the services required by this contract, Owner shall advise contractor of specific deficiencies and shall allow contractor reasonable period (30 calendar days unless otherwise agreed) to correct the deficiencies to Owners satisfaction.

In the event the contractor fails to correct the deficiencies in the allotted time, the owner shall have the right to terminate this contract on 30 days written notice to the contractor.

Provide a price for test and inspection including labor, materials and any other necessary work to complete this work. The maintenance contract proposal should be an annual yearly, unless noted below, service contract as stated below;

1. Clean and test all smoke detectors, heat detectors and duct detectors
2. Clean all manual pull stations
3. Check control panel input voltages
4. Check control panel output voltages
5. Check for electrical shorts and grounds
6. Check battery charge rate
7. Test releasing circuits (Door Holders, fans and etc)
8. Test Audio and Visual Circuits
9. Test all manual stations/stoppers
10. Test all tamper switches
11. Test all low temperature devices
12. Check City Tie-in/Central signal
13. Complete NFPA 72 and NFPA 25 certification of tests

14. E.O.L. Supervision on initiating & alarm circuits
15. Wet Sprinkler Test
16. Kitchen Hood Inspection and Test 2X
17. Fire pump Inspection and test
18. Sound checking and battery tests of the Mass Notification System at the Main Building
19. Exterior Hydrant Flow Testing (2 Only) Each Year
20. 5 Year Obstruction Test (3 Only) in the year 2021
21. Replace all panel batteries in year two of the contract

All tests and inspection will be documented in accordance with NFPA and NFPA 25. Electronic format shall be provided and hard copies sent to the local fire department and one for Prairie State College. The final report shall include the certificate for passing and be placed at each panel on campus. The final report shall have the following columns; Devise type, Building, Floor, Area Description, Address/Zone No, Service Performed and Test Results.

Work to be performed during regular working hours (7:00 am – 4:30 pm) Monday through Friday of the week, excluding holidays.

This contract is for testing and inspection only for the stated fire systems located on campus.

1. Repairs required because of negligence, accident or misuse of the equipment by anyone other than the contactor, his employees, subcontractors, servants or agents, or other causes beyond the Contractor's control except ordinary wear.
2. When during routine examination or testing of the equipment, corrective action is found to be required, a written report signed by the contractor shall be delivered to the owner. When the final report is delivered, a written proposal for corrective action noted in the report shall be delivered to the owner.
3. In performing the work indicated, contractor agrees to provide parts used by the manufacturers of the original equipment for replacement or repair, and to use lubricants obtained from and/or recommended by the manufactures of the equipment. Equivalent parts or lubricants may be used if approved in writing by the owner. Parts requiring repair shall be rebuilt to "like new" condition.
4. No parts or equipment covered under this contract may be permanently removed from the job site without written approval by the owner. This does not include renewal parts stocked on the job by contractor, which shall remain property until installed for use on the equipment.

5. Additional services included in the contract must also be clearly delineated.
6. Only factory trained and/or NICET Certified to install and/or test life safety systems personnel under the direct employment and supervision of the company awarded the contract will be allowed to perform work under this contract. Any and all employee's performing work under this contract shall be satisfactory to owner.
7. The college will purchase the upgrade part through a negotiated process that may include competitive bidding at the discretion of the college.
8. A list of references must be provided
9. Certificate of Insurance must be included in your proposal
10. The contractor agrees to maintain the necessary paperwork for all fire systems on campus.
11. If you wish to inspect the fire system before submitting a proposal, please contact Tim Kosiek, Executive Director of Facilities' and Operations at 708-709-3700.
12. A site visit is required to confirm the attached quantities.

List of Covered Equipment

ATOC/CLC – Building 4010 Panel with Remote Annunciator

202 South Halsted Chicago Heights Illinois 60411

| Device Type | Description | Total |
|-------------|--|-------|
| ASD | Analog Smoke Detector | 0 |
| DSD | Duct Smoke Detector | 6 |
| FTHD | Fixed Temp Heat Detector | 0 |
| PSD | Photo Smoke Detector | 48 |
| PSDA | Pull station – Double Action | 15 |
| PSSA | Pull station – Single Action | 0 |
| RRHD | Rate of Rise Heat Detector | 0 |
| A/V | Audio/Visual Signal Device | 11 |
| ANNC | Annunciator | 1 |
| Bell | Bell | 1 |
| Horn | Horn | 0 |
| RSSU | Remote Annunciator | 0 |
| VSIG | Visual Only Signal | 67 |
| KSW | Key Switch | 6 |
| SITV | Sprinkler Insp. Test Valve | 2 |
| STS | Sprinkler Tamper Switch | 4 |
| SWFV | Sprinkler Water Flow Valve | 2 |
| NAC | | 3 |
| KH | Ansul Fire – R102 – 3 gallon (Semi) | 1 |
| BF | ¾” – 4” backflow varies | 0 |
| FE | Fire Extinguisher ABC | 9 |
| | | |

CC– Building 4020 Panel with Remote Annunciator
 202 South Halsted Chicago Heights Illinois 60411

| Device Type | Description | Total |
|-------------|--------------------------------------|-------|
| ASD | Analog Smoke Detector | 0 |
| DSD | Duct Smoke Detector | 4 |
| FTHD | Fixed Temp Heat Detector | 0 |
| PSD | Photo Smoke Detector | 7 |
| PSDA | Pull station – Double Action | 6 |
| PSSA | Pull station – Single Action | 0 |
| RRHD | Rate of Rise Heat Detector | 0 |
| A/V | Audio/Visual Signal Device | 8 |
| ANNC | Annunciator | 1 |
| Bell | Bell | 0 |
| Horn | Horn | 0 |
| RSSU | Remote Annunciator | 4 |
| VSIG | Visual Only Signal | 7 |
| KSW | Key Switch | 0 |
| SITV | Sprinkler Insp. Test Valve | 0 |
| STS | Sprinkler Tamper Switch | 2 |
| SWFV | Sprinkler Water Flow Valve | 1 |
| NAC | | 0 |
| FE | Fire Extinguisher ABC | 7 |
| FE | Fire Extinguisher CG | 1 |
| BF | Backflow $\frac{3}{4}$ " – 4" varies | 0 |

Health Tech Center– Building 4020 Panel with Remote Annunciator
 202 South Halsted Chicago Heights Illinois 60411

| Device Type | Description | Total |
|-------------|---------------------------------------|-------|
| ASD | Analog Smoke Detector | 0 |
| DSD | Duct Smoke Detector | 4 |
| FTHD | Fixed Temp Heat Detector | 2 |
| PSD | Photo Smoke Detector | 0 |
| PSDA | Pull station – Double Action | 9 |
| PSSA | Pull station – Single Action | 0 |
| RRHD | Rate of Rise Heat Detector | 0 |
| A/V | Audio/Visual Signal Device | 16 |
| ANNC | Annunciator | 2 |
| Bell | Bell | 1 |
| Horn | Horn | 0 |
| RSSU | Remote Annunciator | 0 |
| VSIG | Visual Only Signal | 18 |
| KSW | Key Switch | 0 |
| SITV | Sprinkler Insp. Test Valve | 2 |
| STS | Sprinkler Tamper Switch | 5 |
| SWFV | Sprinkler Water Flow Valve | 2 |
| NAC | | 1 |
| FE | Fire Extinguisher ABC | 9 |
| BF | Back Flow $\frac{3}{4}$ " – 4" varies | 0 |

K Building 4010 ES

202 South Halsted Chicago Heights Illinois 60411

| Device Type | Description | Total |
|-------------|------------------------------|-------|
| ASD | Analog Smoke Detector | 0 |
| DSD | Duct Smoke Detector | 2 |
| FTHD | Fixed Temp Heat Detector | 0 |
| PSD | Photo Smoke Detector | 20 |
| PSDA | Pull station – Double Action | 13 |
| PSSA | Pull station – Single Action | 4 |
| RRHD | Rate of Rise Heat Detector | 19 |
| A/V | Audio/Visual Signal Device | 21 |
| ANNC | Annunciator | 0 |
| Bell | Bell | 0 |
| Horn | Horn | 5 |
| RSSU | Remote Annunciator | 0 |
| VSIG | Visual Only Signal | 10 |
| KSW | Key Switch | 2 |
| SITV | Sprinkler Insp. Test Valve | |
| STS | Sprinkler Tamper Switch | |
| SWFV | Sprinkler Water Flow Valve | |
| NAC | | |
| FE | Fire Extinguisher ABC | 26 |
| FE | Fire Extinguisher CO2 | 2 |
| FE | Fire Extinguisher H2O | 2 |
| BF | 1 ½” – 3” Various | 0 |
| HFT | Hydrant Flow Test | 2 |
| DS | Dry System | 1 |

Main Building 4020 Panel with Remote Annunciator
 202 South Halsted Chicago Heights Illinois 60411

| Device Type | Description | Total |
|-------------|------------------------------|-------|
| ASD | Analog Smoke Detector | 56 |
| DSD | Duct Smoke Detector | 29 |
| FTHD | Fixed Temp Heat Detector | 1 |
| PSD | Photo Smoke Detector | 27 |
| PSDA | Pull station – Double Action | 0 |
| PSSA | Pull station – Single Action | 33 |
| RRHD | Rate of Rise Heat Detector | 122 |
| A/V | Audio/Visual Signal Device | 82 |
| ANNC | Annunciator | |
| Bell | Bell | 1 |
| Horn | Horn | |
| RSSU | Remote Annunciator | 29 |
| VSIG | Visual Only Signal | 40 |
| KSW | Key Switch | |
| SITV | Sprinkler Insp. Test Valve | 2 |
| STS | Sprinkler Tamper Switch | 2 |
| SWFV | Sprinkler Water Flow Valve | 5 |
| NAC | | 3 |
| IO | | 4 |
| FE | Fire Extinguisher ABC | 46 |
| FE | Fire Extinguisher CG | 16 |
| FE | Fire Extinguisher CO2 | 7 |
| KH | Ansul R102-3 gallon (Semi) | 1 |
| DPV | Dry Pipe Valve System | 1 |
| ELAI | Elevator | 2 |
| ELPR | Elevator | 2 |
| DH | Door Holder | 43 |
| DHC | Door Closure | 1 |
| BF | 1 ½” – 3” varies | 0 |

Tech Building 4020 Panel with Remote Annunciator
 202 South Halsted Chicago Heights Illinois 60411

| Device Type | Description | Total |
|-------------|------------------------------|-------|
| ASD | Analog Smoke Detector | 7 |
| DSD | Duct Smoke Detector | 24 |
| FTHD | Fixed Temp Heat Detector | |
| PSD | Photo Smoke Detector | |
| PSDA | Pull station – Double Action | |
| PSSA | Pull station – Single Action | 11 |
| RRHD | Rate of Rise Heat Detector | 40 |
| A/V | Audio/Visual Signal Device | 14 |
| ANNC | Annunciator | 1 |
| Bell | Bell | |
| Horn | Horn | |
| RSSU | Remote Annunciator | |
| VSIG | Visual Only Signal | 7 |
| KSW | Key Switch | 25 |
| SITV | Sprinkler Insp. Test Valve | |
| STS | Sprinkler Tamper Switch | |
| SWFV | Sprinkler Water Flow Valve | 1 |
| NAC | | |
| IO | | |
| FE | Fire Extinguisher ABC | 23 |
| DH | Door Holder | 6 |
| | | |
| | | |
| | | |

MAC Center 4020 Panel with Remote Annunciator
 4821 Southwick Drive, Matteson, Illinois 60443

| Device Type | Description | Total |
|-------------|------------------------------|-------|
| ASD | Analog Smoke Detector | |
| DSD | Duct Smoke Detector | |
| FTHD | Fixed Temp Heat Detector | |
| PSD | Photo Smoke Detector | 21 |
| PSDA | Pull station – Double Action | |
| PSSA | Pull station – Single Action | 2 |
| RRHD | Rate of Rise Heat Detector | 1 |
| A/V | Audio/Visual Signal Device | 6 |
| ANNC | Annunciator | 1 |
| Bell | Bell | |
| Horn | Horn | |
| RSSU | Remote Annunciator | |
| VSIG | Visual Only Signal | |
| KSW | Key Switch | |
| SITV | Sprinkler Insp. Test Valve | 1 |
| STS | Sprinkler Tamper Switch | 2 |
| SWFV | Sprinkler Water Flow Valve | 1 |
| NAC | | |
| IO | | |
| FE | Fire Extinguisher ABC | 6 |
| BF | 3/4" – 2 1/2" Varies | |
| | | |

TWL Fire Lite MS-4424B13 Panel

191 South Halsted, Chicago Heights Illinois 60411

| Device Type | Description | Total |
|-------------|------------------------------|-------|
| ASD | Analog Smoke Detector | 1 |
| DSD | Duct Smoke Detector | 2 |
| FTHD | Fixed Temp Heat Detector | |
| PSD | Photo Smoke Detector | |
| PSDA | Pull station – Double Action | |
| PSSA | Pull station – Single Action | 3 |
| RRHD | Rate of Rise Heat Detector | |
| A/V | Audio/Visual Signal Device | 4 |
| ANNC | Annunciator | |
| Bell | Bell | |
| Horn | Horn | |
| RSSU | Remote Annunciator | |
| VSIG | Visual Only Signal | 3 |
| KSW | Key Switch | |
| SITV | Sprinkler Insp. Test Valve | |
| STS | Sprinkler Tamper Switch | |
| SWFV | Sprinkler Water Flow Valve | |
| NAC | | |
| IO | | |
| FE | Fire Extinguisher ABC | 7 |
| BF | ¾” – 4” varies | 0 |
| | | |
| | | |

Music In Motion

168 North Halsted, Chicago Heights Illinois 60411

| Device Type | Description | Total |
|-------------|----------------|-------|
| BF | ¾” – 4” varies | 0 |
| | | |
| | | |

Beste Property

19834 S Halsted, Chicago Heights Illinois 60411

| Device Type | Description | Total |
|-------------|----------------|-------|
| BF | ¾” – 4” varies | 0 |
| | | |
| | | |

Mass Notification System (Throughout Main Campus)

309 A/V

141 Visual Devices

30 Batteries

Testing Dates

Fire Panel, Devices, Sprinkler: May 18 through July 15

Mass Notification System: December 23 through January 3

Kitchen Hood: July 1 & January 1