



GENERAL SERVICES ADMINISTRATION
Federal Supply Service
Authorized Federal Supply Schedule Price List

On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order are available through GSA Advantage!®, a menu-driven database system. The INTERNET address GSA Advantage!® is: GSAAdvantage.gov

Schedule Title Facilities Maintenance and Management
Federal Supply Class MAS
Solicitation 6FEC-E6-030292-B
NAICS Codes 561621; 561210; 238990
Contract Number GS-21F-0056X

For more information on ordering from Federal Supply Schedules click on the FSS Schedules button at fss.gsa.gov.

Contract Period January 10, 2016 – January 9, 2021
Business Size Small
Business Name Life Safety Services, LLC (DBA: LSS Life Safety Services®)
Address (Corporate/Central Regional Office)
908 S. 8th Street
Suite 500
Louisville, KY 40203-3360
Phone (502) 213.0431 / Toll Free: (888) 675.4519
Fax (502) 964.1337 / Toll Free: (888) 258.6481
Website LifeSafetyServices.com
GSA Information LifeSafetyServices.com/GSAfiredamperinspection

Corporate Contacts (See page 4 for contacts by region)

Name: Craig Rutledge
Email: CRutledge@LifeSafetyServices.com

Name: Marc Linden
Email: MLinden@LifeSafetyServices.com

Corporate Office:
908 S. 8th Street, Suite 500
Louisville, KY 40203
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Customer Information

1a. Awarded Special Item Number(s) (SIN): NEW – Introduction of New Products and Services

1b. Lowest Price: Due to variation in services, please refer to price list.

1c. Job Descriptions for Hourly Rates:

Project Managers have five-plus years of experience. They are largely responsible for customer service/satisfaction, maximization of technician production, and achieving overall company goals. In addition, work entails inspection of fire and smoke dampers, fire doors, and fire and smoke walls/barriers; repair of fire and smoke dampers; and installation of firestopping and photoluminescence markings and signs.

Supervisors have three to five years of experience. Work primarily entails inspection of fire and smoke dampers, fire doors, and fire and smoke walls/barriers; repair of fire and smoke dampers; and installation of firestopping and photoluminescence markings and signs.

Technicians have at least one year of experience. Work primarily entails inspection of fire and smoke dampers, fire doors, and fire and smoke walls/barriers; repair of fire and smoke dampers; and installation of firestopping and photoluminescence markings and signs.

2. Maximum Order: \$250,000

3. Minimum Order: \$100

4. Geographic Coverage: Domestic

5. Points of Production: National; Corporate office is located at 908 S. 8th St., Ste. 500, Louisville, KY 40203 (See page 4 for additional regional contacts)

6. Basic Discount: Due to variation in prices, please refer to price list (discount is already deducted)

7. Quantity Discounts: Outlined in price list by category

8. Prompt Payment Terms: N/A

9a. Government Purchase Cards (at or below the micro-purchase threshold): Accepted

9b. Government Purchase Cards (above the micro-purchase threshold): Accepted

10. Foreign Items: None

11a. Time of Delivery: TBD at task order

11b. Expedited Delivery: TBD at task order

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11c. Overnight and 2-day delivery: N/A

11d. Urgent Requirements: TBD at task order

12. F.O.B. Points: Destination

13a. Ordering Address: LSS Life Safety Services®
908 S. 8th Street, Suite 500
Louisville, KY 40203

13b. Ordering Procedures: For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's) are found in Federal Acquisition Regulation (FAR) 8.405-3.

14. Payment Address: LSS Life Safety Services®
Attn: Accounts Receivable
908 S. 8th Street, Suite 500
Louisville, KY 40203

15. Warranty Provision: N/A

16. Export Packing Charges: N/A

17. Terms and Conditions of Government Purchase Card Acceptance (any thresholds above the micro purchase level): Will be considered on a case by case basis

18. Terms and Conditions of Rental, Maintenance, and Repair: See attached statement of work

19. Terms and Conditions of Installation: See attached statement of work

20. Terms and Conditions of Repair Parts Indicating Date of Parts Price Lists and Any Discounts from List Prices:
See attached price list

20a. Terms and Conditions for Any Other Services: N/A

21. List of Service and Distribution Points: See page 4 for list of regional contacts

22. List of Participating Dealers: N/A

23. Preventive Maintenance: Contact vendor

24. Special Attributes, such as environmental attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants): N/A

25. Data Universal Number System (DUNS) Number: 16-602-6596

26. Notification Regarding Registration in Central Contractor Registration (CCR) Database:
LSS Life Safety Services® is registered with CCR and SAM (Cage Code 30MG1).

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LIFE SAFETY SERVICES
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LSS Life Safety Services®'s Regional Offices

NC, SC, VA

Contact: Chad Russell
Email: CRussell@lifesafetyservices.com
Phone: (704) 430.0525
Fax: (888) 258.6481

MI, OH

Contact: Adam Traylor
Email: ATraylor@lifesafetyservices.com
Phone: (502) 213.0431
Fax: (888) 258.6481

TX, OK

Contact: Adam Traylor
Email: ATraylor@lifesafetyservices.com
Phone: (502) 213.0431
Fax: (888) 258.6481

ID, KS, MT, ND, NE, NM, SD, UT, WY

Contact: Adam Traylor
Email: ATraylor@lifesafetyservices.com
Phone: (502) 213.0431
Fax: (888) 258.6481

IA, IL, IN, MN, MO, WI

Contact: Adam Traylor
Email: ATraylor@lifesafetyservices.com
Phone: (502) 213.0431
Fax: (888) 258.6481

AL, FL, GA

Contact: Stu Anderson
Email: SAnderson@LifeSafetyServices.com
Phone: (407) 902.7183
Fax: (888) 258.6481

AR, KY, MS, TN, WV

Contact: Ozzy Garner
Email: OGarner@LifeSafetyServices.com
Phone: (502) 213.0431
Fax: (888) 258.6481

CO, Northern CA, OR, WA

Contact: Juan Gonzalez
Email: JGonzalez@lifesafetyservices.com
Phone: (502) 213.0431
Fax: (888) 258.6481

AZ, NV, Southern CA

Contact: Juan Gonzalez
Email: JGonzalez@lifesafetyservices.com
Phone: (502) 213.0431
Fax: (888) 258.6481

NY, NJ

Contact: Steve Schell
Email: SSchell@lifesafetyservices.com
Phone: (502) 213.0431
Fax: (888) 258.6481

ATTACHMENTS:

- Price List (Page 5)
- Statement of Work — Fire/Smoke Damper Inspection (Pages 6-7)
- Statement of Work — Fire/Smoke Damper Repair / Replacement (Pages 8-9)
- Statement of Work — Fire/Smoke Door Inspection (Pages 10-11)
 - o Exhibit A (Page 12)
- Statement of Work — Fire and Smoke Barrier Survey and Inspection (Pages 13-14)

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Life Safety Services, LLC — GSA Schedule Contract Number: GS-21F-0056X			
Schedule MAS Facilities Maintenance and Management — Solicitation 6FEC-E6-030292-B			
SIN NEW	Authorized Federal Supply Schedule Price List		
	Quantity of Dampers to Inspect	Per Damper to Survey & Inspect	
Fire and Smoke Damper Inspection	1-300 Fire and/or Smoke Dampers to Inspect	\$36.15	
	301-600 Fire and/or Smoke Dampers to Inspect	\$34.30	
	601-1000 Fire and/or Smoke Dampers to Inspect	\$32.44	
	1001-1500 Fire and/or Smoke Dampers to Inspect	\$30.59	
	1501 or more Fire and/or Smoke Dampers to Inspect	\$28.74	
	Size of Access Door	Per Door (Labor & Material)	
Access Door Installation	Cam-Lock Door (8" x 8")	\$63.96	
	Cam-Lock Door (12" x 12")	\$73.23	
	Cam-Lock Door (Larger than 12" x 12")	\$82.50	
	Round Sandwich Door (8")	\$8.06	
	Round Sandwich Door (12")	\$97.33	
		Round Sandwich Door (Larger than 12")	\$106.60
	Type of Actuator to Install	Per Installation (Labor & Material)	
Fire and Smoke Damper Actuator Installation	Fire and Smoke Actuator 133 in-lb Min. Torque 24 VAC/DC	\$695.21	
	Fire and Smoke Actuator 133 in-lb Min. Torque 120VAC	\$787.91	
	Fire and Smoke Actuator 70 in-lb Min Torque 24 VAC only	\$602.52	
	Fire and Smoke Actuator 70 in-lb Min Torque 120 VAC	\$602.52	
	Fire and Smoke Actuator 30 in-lb Min Torque 24 VAC only	\$556.17	
	Fire and Smoke Actuator 30 in-lb Min Torque 120 VAC	\$556.17	
	Fire and Smoke Actuator - Pneumatic	\$556.17	
	Damper Repair Services	Per Repair	
Fire and Smoke Damper Repair	Damper Repair	\$208.56	
	Damper Size for Installation	Per Installation (Labor & Material)	
Fire and Smoke Damper Installations	Fire Damper ≤ 8" x 6"	\$463.48	
	Fire Damper ≤ 16" x 14"	\$556.17	
	Fire Damper ≤ 32" x 28"	\$695.21	
	Fire Damper ≤ 48" x 40"	\$1,390.43	
	Smoke Damper ≤ 8" x 6"	\$88.06	
	Smoke Damper ≤ 16" x 14"	\$926.95	
	Smoke Damper ≤ 32" x 28"	\$1,390.43	
	Smoke Damper ≤ 48" x 40"	\$2,317.38	
	Combination Fire/Smoke Damper ≤ 8" x 6"	\$741.56	
	Combination Fire/Smoke Damper ≤ 16" x 14"	\$1,390.43	
	Combination Fire/Smoke Damper ≤ 32" x 28"	\$1,853.90	
Combination Fire/Smoke Damper ≤ 48" x 40"	\$2,502.77		
	Quantity of Doors to Inspect	Per Door to Survey & Inspect	
Fire Door Inspections	1- 100 Doors	\$19.14	
	101-200 Doors	\$17.23	
	201- 400 Doors	\$14.36	
	401 or more Doors	\$11.49	
	Firestopping Survey	Per Square Foot (Labor & Material)	
Firestop Survey Without Minor Repairs	Square Foot Price of Building Being Inspected	\$0.0363	
Firestop Survey With Minor Repairs	Square Foot Price of Building Being Inspected	\$0.0499	
	Firestopping Installation	Per Installation (Labor & Material)	
Openings	1/2"-4" Through-the-wall openings (Both Sides, Per Installation)	\$54.4050	
	6"-10" Through-the-wall openings (Both Sides, Per Installation)	\$64.8326	
	12"-16" Through-the-wall openings (Both Sides, Per Installation)	\$74.8069	
	18"-24" Through-the-wall openings (Both Sides, Per Installation)	\$94.7554	
	24"-40" Through-the-wall openings (Both Sides, Per Installation)	\$179.5365	
	1/2"-4" Floor Opening	\$27.4292	
	6"-10" Floor Opening	\$32.4163	
	12"-16" Floor Opening	\$37.4034	
	18"-24" Floor Opening	\$47.3777	
	24"-40" Floor Opening	\$89.7683	
Construction Joints (Head or Top of Wall)	1-1/2" Flute Deck Per Linear Foot (Two Sides)	\$9.0675	
	2" Flute Deck Per Linear Foot (Two Sides)	\$9.9743	
	3-1/2" Flute Deck Per Linear Foot (Two Sides)	\$13.6013	
	1-1/2" Flute Deck Per Linear Foot (One Side)	\$5.4405	
	2" Flute Deck Per Linear Foot (One Side)	\$6.3473	
PVC Pipe Collars	3-1/2" Flute Deck Per Linear Foot (One Side)	\$8.1608	
	3" PVC Pipe Collar (Two Sides)	\$85.2345	
	4" PVC Pipe Collar (Two Sides)	\$109.7168	
	5" PVC Pipe Collar (Two Sides)	\$145.0800	
	8" PVC Pipe Collar (Two Sides)	\$175.0028	
	3" PVC Pipe Collar (One Side)	\$42.6173	
	4" PVC Pipe Collar (One Side)	\$55.3118	
	5" PVC Pipe Collar (One Side)	\$72.5400	
8" PVC Pipe Collar (One Side)	\$87.5014		
	Hourly Rate	Per Hour (plus Material)	
Job Category	Project Manager	\$100.75	
	Supervisor	\$71.97	
	Technician	\$43.18	

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Statement of Work — Fire/Smoke Damper Inspection

- 1. INSPECTION SERVICES TO BE PROVIDED.** Based on Customer's drawings and other information provided to Fire and Smoke Damper Inspection Contractor, Fire and Smoke Damper Inspection Contractor agrees to provide the following inspection services with respect to Customer's Dampers (collectively, "Inspection Services")
 - a. Use its commercially reasonable efforts to locate and, once located, operate (i.e., actuate) all Dampers in the Customer's facility or otherwise identify inoperable Dampers.
 - b. Remove and reset fusible links on Fire Dampers, to verify such Fire Damper fully closes and if necessary, replace any fusible link that is compromised (per National Fire Protection Association Code);
 - c. As necessary, lubricate all moving parts on each Damper;
 - d. Clear each Damper of any debris that would impede such Damper's normal operation;
 - e. Coordinate with Customer's representative and local fire department to place Customer's fire alarm system in "test mode" if necessary to conduct inspection of the smoke and/or combination Dampers;
 - f. Manually activate actuators on electric and pneumatic smoke and/or combination Dampers to verify proper operation of such Damper;
 - g. If there is no existing access to a Damper, then proper size access doors, as reasonably determined by Fire and Smoke Damper Inspection Contractor, will be installed to facilitate inspection; and
 - h. Identify on Customer's drawings the location of each Damper (Plotting on AutoCAD available for additional fee), along with placement by Fire and Smoke Damper Inspection Contractor of identification stickers on ceilings or other location to assist in locating such Dampers following inspection.

- 2. REPORT.** On conclusion of the performance of the Inspection Services, Fire and Smoke Damper Inspection Contractor will provide Customer with a report ("Report"), which is intended to provide Customer evidence of Damper inspection for submission to applicable agencies, such as The Joint Commission and Customer's local fire protection agencies. The Report shall include:
 - a. A listing of the location of each Damper, such Damper's number, and whether such Damper passed or failed; if a Damper failed, a detailed explanation of such failure shall be provided; and
 - b. Digital photographs of each Damper before and after performance of the Inspection Services (showing each Damper opened and, where operable, closed).

- 3. STANDARD OF INSPECTION SERVICES.**
 - 3.1 Infection Control Procedure.** Life Safety Services will perform the Inspection Services in a workmanlike manner. While performing such Inspection Services, Life Safety Services will utilize reasonable infection control procedures. Without limiting the foregoing, Life Safety Services will adhere to Customer's infection control risk assessments ("ICRAs"), provided such ICRAs have been provided to Life Safety Services.



3.2 Damper Accessibility.

- a. Reasonable efforts are made to provide accessibility to Dampers. However, Customer acknowledges that Life Safety Services adhere to the following guidelines printed in The Joint Commission's Environment of Care™ News, July/August 2000, Volume 3, Issue 4:
 - i. If a duct penetrating a fire/smoke wall is accessible, but has no access panel, cut and install an access panel and carry out damper inspection as far as possible.
 - ii. If the only access point is longer than an arm's reach away from the Damper, perform a visual inspection to the limit allowable. Look at the frame for signs of kinking or twisting. Look for rust or build-up of any kind that may keep the Damper from closing. Look for the obvious, such as wire or conduit running through the damper. Record your observations and have them available for review during your next survey.
 - iii. If the Damper is completely occluded by layers of utilities and is totally inaccessible, record that fact and have this available during your next survey.

Although these methods are not compliant as such, the attempt is being made to create some flexibility for organizations. For either 2 or 3 above, The Joint Commission would expect that any access deficiencies be addressed at the time of a major renovation in the affected areas. It goes without saying that an organization shall never allow any subsequent utility system construction to obstruct access to the dampers. Not only do organizations need to inspect these dampers for fire safety reasons, they also need access for air balance and comfort issues. Environment of care® News, July/august 2000, Volume 3, issue 4.

- b. If a Damper is inaccessible, the Damper will still be located, mapped on Customer's drawing, labeled at its physical location, and included in the Report. The Damper will be included in the final Damper count and reflected on the final invoice.



Statement of Work — Fire/Smoke Damper Repair / Replacement

1. **ACTUATOR REPLACEMENT SERVICES AND DAMPER REPAIR/REPLACEMENT SERVICES TO BE PROVIDED.** Based on Customer's drawings and other information provided to Life Safety Services, Life Safety Services agrees to provide the following replacement and repair services with respect to Customer's Dampers (collectively, "Repair Services").
 - a. Use its commercially reasonable efforts Life Safety Services' technician(s) will determine the appropriate Actuator to replace the old defective actuator. The replacement Actuator will be UL555S listed.
 - b. The following items will be verified for the replacement actuator:
 - i. Temperature: The replacement actuator shall operate at the rating of the original actuator.
 - ii. Torque: The replacement actuator shall have equal or greater torque than the failed actuator.
 - iii. Time: The replacement actuator shall drive open and spring closed at the same or faster speed than the original.
 - iv. Voltage: The Replacement actuator shall have the same voltage as the original.
 - v. Amperage: The replacement actuator(s) shall not draw more amperage than the original(s) and cause the total amperage to rise above that which the electrical circuit breaker is designed to carry.
 - c. With the assistance and guidance of Customer in locating the applicable source, disconnect power to the old actuator.
 - d. The old actuator will be removed and the damper will be cleaned.
 - e. Open and close the blades of the Damper that is having the actuator replaced to ensure they are operational.
 - f. Close the Damper and place Actuator on shaft in sprung closed direction.
 - g. Mark holes and install anti-rotation strap; set anti-rotation strap with one screw and rotate out of way of U-slot in actuator. Close tight, and then insert anti-rotation stud and second screw.
 - h. Test functions after installation of new actuator:
 - i. Power Actuator to open the damper, take digital photograph of open damper.
 - ii. Cut power to actuator to close damper; take digital photograph of closed damper providing proof of operational actuator.
 - iii. Power Actuator to reopen damper; take digital photograph of open damper to provide proof of operational actuator.
 - i. Additional Dampers not in need of Actuator Replacement Services, but in need of repair will also be repaired by Life Safety Services' technicians; as deemed within the scope of services offered by Life Safety Services on-site Project Manager. The list of dampers in need of repair will be provided to Life Safety Services by the Customer.
 - i. Dampers in need of complete replacement will be replaced with Dampers listed by Underwriters Laboratory as UL555 (Fire Dampers), UL555S (Smoke Dampers), UL555C (Ceiling Dampers).
 1. The proper rating (e.g. 1 ½ , 3 hours and Dynamic Rated or Static Rated) will be determined for replacement damper.



2. Standard Damper Installation issues will be considered prior to installation:
 - a. Damper Size
 - b. Where should damper be located
 - c. Expansion Clearance
 - d. Retaining Angle(s)
 - e. Sleeve requirements
 - f. Duct to Sleeve Connections
 - ii. The Dampers in need of repair that Life Safety Services' Project Manager deems is outside of Life Safety Services' scope of work will be provided to the Customer.
2. **REPORT.** On conclusion of the performance of the Repair Services, Life Safety Services will provide Customer with a report ("Report"), which is intended to provide Customer evidence of repair replacement for submission to applicable agencies, such as the Customer's local fire protection agencies, and to the Customer's Risk Management Department or Insurance Company. The Report shall include:
 - a. A field report listing each Damper that had a replacement actuator installed or damper repaired or replaced, the damper's location, and damper's identifier number.
 - b. The name and signature of the Life Safety Services' Service Technician that performed the Repair Service, as well as the date of the service.
 - c. A check list completed by the Service Technician that all post-installation Test Functions (See item h.) were completed.
 - i. The original of the field report will be left with the Customer.
 - d. A final report will be prepared that will list every damper that had a replacement actuator installed or damper repaired or replaced, a digital photograph of every damper with a replacement actuator or repaired damper "open", "closed", and "reopen" demonstrating the operability of the new actuator or repaired damper. The pictures will be accompanied by a detailed summary report listing the location of the damper(s) with replacement actuator(s), replacement damper(s), the date(s) of installation, the model of actuator(s) installed, and the identification number of the damper.



Statement of Work — Fire/Smoke Door Inspection

1. **INSPECTION SERVICES TO BE PROVIDED.** Based on Customer's drawings and other information provided to LSS, LSS agrees to provide the following inspection services with respect to Customer's Doors (collectively, "Inspection Services").
 - a. LSS will use its commercially reasonable efforts to locate and, once located, inspect all Doors in the Customer's facility or otherwise identify "Compliant" and "Non-Compliant" Doors, as determined by the LSS' Inspector(s). The Guidelines for Door Compliance will be based on The National Fire Protection Association's (NFPA) Code "2007 NFPA 80, Standard for Fire Doors and Other Opening Protectives" (the "NFPA Code") Section 5.2.4.2 that states:
 - i. 5.2.4.2 As a minimum the following items shall be verified:
 1. No open holes or breaks exist in surfaces of either the door or frame;
 2. Glazing, vision light frames, and glazing beads are intact and securely fastened in place, if so equipped;
 3. The door, frame, hinges, hardware, and noncombustible thresholds are secured, aligned, and in working order with no visible signs of damage;
 4. No parts are missing or broken;
 5. Door clearances at the door edge to the frame, on the pull side of the door, do not exceed clearances listed in 4.8.4 and 6.3.1;
 - a. 4.8.4 – Minimum permitted undercut $\frac{3}{4}$ "
 - b. 6.3.1 – Clearances
 - i. Clearances between the door and the frame shall be $\frac{1}{8}$ " +/- $\frac{1}{16}$ " for steel doors.
 - ii. Clearances between the door and the frame shall not exceed $\frac{1}{8}$ " for wood doors.
 - iii. Clearances at the meeting edges of pairs of doors shall be $\frac{1}{8}$ " +/- for steel doors.
 - iv. Clearances at the meeting doors edges of pairs of doors shall not exceed $\frac{1}{8}$ " for wood doors.
 6. The self-closing device is operational, that is, the active door completely closes when operated from the full open position;
 7. If a coordinator is installed, the inactive leaf closes before active leaf.
 8. Latching hardware operates and secures the door when it is in the closed position.
 9. Auxiliary hardware items that interfere or prohibit operation are not installed on the door or frame.
 10. No field modifications to the door assembly have been performed that void the label.
 11. Gasketing and edge seals, where required, are inspected to verify their presence and integrity.



- b. The LSS Inspector(s) will utilize a multi-part inspection checklist comprising the components of the fire rated assembly to inspect the door. The components that will be inspected include: (1) Frame, (2) Door, (3) Hinges/Pivots, (4) Door Bolts, (5) Locks, (6) Door Closers, (7) Fire Exit Hardware, (8) Door Operational Testing, and (9) Miscellaneous Items. A complete listing of the items to be inspected can be reviewed in **Exhibit A** attached hereto.
 - c. The LSS Inspector(s) will survey the customer's facility to determine if the doors are installed in fire rated walls/partitions. Doors installed in non-rated walls/partitions will be noted on the drawings provided to LSS by the customer and in the final report.
 - d. LSS will Identify on Customer's drawings the location of each Door (Plotting on AutoCAD available for additional fee), along with placement by LSS of identification stickers on door frames or other location to assist in locating such Doors following inspection.
- 2. REPORT.** On conclusion of the performance of the Inspection Services, LSS will provide Customer with a report ("Report"), which is intended to provide Customer evidence of Door inspection for submission to applicable agencies, such as the customer's Authority Having Jurisdiction (AHJ), such as The Joint Commission, the Customer's local fire protection agencies, and the Customer's Insurance Company. The Report shall include:
- a. A Summary of the Inspection Services. The Summary will include, number of doors per floor, types of rated-door per floor, number of compliant and non-compliant per floor. The Summary Report will also list percentage results for reasons for non-compliance as well as non-compliance issues based on fire-rated assembly components;
 - b. A listing of the location of each Door, such Door's number, the Door's handing, the Door's fire rating, and whether such Door is compliant or non-compliant; if a Door is non-compliant, a detailed explanation of non-compliance shall be provided; and
 - c. Digital photographs will be provided only of non-compliant doors where the LSS Inspector(s) deem it beneficial to provide pictures to better illustrate the door's deficiency.

EXHIBIT A
LIFE SAFETY SERVICES' FIRE AND SMOKE DOOR INSPECTION CHECKLIST

The following are the components of the fire door assembly that will be inspected during Life Safety Services' Fire and Smoke Door Inspection and Survey.
The checklist items are subsets of NFPA's Eleven (11) Major Points of Inspection as described in 5.2.4.2 of NFPA 80,
Standard for Fire Doors and Other Opening Protectives.

FRAME (F)

- F1- Damaged Frame
- F2- Missing Fire Rated Label
- F3- Improper Field Modification
- F4- Fire Rated Label Painted Over
- F5- Rusted Location(s) on Frame (Surface/Concealed)
- F6- Loose Frame / Not Secured
- F7- Missing Glazing Bead at Light
- F8- Glazing Bead Screws Missing
- F9- Frame out of Alignment
- F10- Improper or Broken Glass in Transom-light or Sidelight
- F11- Hardware Incorrectly Prepared/Installed
- F12- Items Not Listed Elsewhere
- F13- Silencers Missing
- F14- Improper Frame Installation

Door (D)

- D1- Damaged Door
- D2- Missing Fire Rated Door Label
- D3- Fire Rated Door Label Painted Over
- D4- Door Rusted
- D5- Improper Field Modification
- D6- Incorrect or Broken Glass in Light(s)
- D7- Light(s) Incorrectly Sized (e.g. too large)
- D8- Hardware Incorrectly Prepared/Installed
- D9- Door Missing
- D10- Door Skin or Face Delaminating
- D11- Missing or Loose Light Kit Screws
- D12- Improper Plant-Ons
- D13- Unused Fastener Hole(s)
- D14- Complete Door Replacement
- D15- Items Not Listed Elsewhere
- D16- Hole In Door
- D17- Improper Light Kit
- D18- Door Not Rated
- D19- Hinge Filler Missing

HINGES/PIVOTS (H)

- H1- Hinge(s) Missing
- H2- Incorrect Hinge(s)
- H3- Screws Missing
- H4- Loose Hinge(s)
- H5- Replace Hinge(s)
- H6- Items Not Listed Elsewhere
- H7- Hinge Pin Loose
- H8- Continuous Hinge Not Rated / Labeled
- H9- Screws Loose

DOOR BOLTS (B)

- B1- Missing Screws
- B2- Damaged Strike
- B3- Top Flush Bolt Missing
- B4- Bottom Flush Bolt Missing
- B5- Strike Missing (Top Bolt)
- B6- Strike Missing (Bottom Bolt)
- B7- Bolt Head Missing (Top Bolt)
- B8- Bolt Head Missing (Bottom Bolt)
- B9- Bolt Does Not Engage Strike (Top)
- B10- Bolt Does Not Engage Strike (Bottom)
- B11- Rub Plate(s) Missing
- B12- Incorrect Flush Bolt Type
- B13- Items Not Listed Elsewhere

LOCKS (L)

- L1- Lock Missing
- L2- Latch Bolt Not Fire Rated
- L3- Latch Bolt Missing
- L4- Strike Plate Missing
- L5- Screw(s) Missing Flush Bolt
- L6- Flush Bolt Not Working
- L7- Missing Scalp
- L8- Flush Bolt Missing
- L9- Flush Bolt Strike Missing
- L10- Latch Bolt Binding
- L11- Knob(s)/Lever(s) Loose
- L12- LB Not Engaging Strike
- L13- Items Not Listed Elsewhere
- L14- Screws Missing On Lock

DOOR CLOSERS (C)

- C1- Door Closer Missing
- C2- Arm(s) Missing
- C3- Door Closer(s) Leaking
- C4- Arm(s) Broken
- C5- Door Does Not Close Completely
- C6- Screw(s) Missing
- C7- Coordinator Missing
- C8- Carry Bar Missing
- C9- Coordinator Broken
- C10- Carry Bar Broken
- C11- Missing Drop and/or Adapter Plate
- C12- Overhead Hold-Open
- C13- Wrong Screws / Mounting

FIRE EXIT (E)

- E1- Fire Exit Device Missing
- E2- Strike Missing
- E3- Broken Latch
- E4- Fire Rated Label Missing
- E5- Screws Missing
- E6- LB Assembly Missing (Bottom)
- E7- LB Assembly Missing (Top)
- E8- Vertical Rod Missing (Bottom)
- E9- Vertical Rod Missing (Top)
- E10- Panic Hardware Non-Fire Rated
- E11- Hardware (Dogging) Missing Lever/Knob
- E12- Push Bar Does Not Extend 1/2 Way Across Door
- E13- Items Not Listed Elsewhere
- E14- Missing Panic Hardware
- E15- Missing Floor Strike
- E16- Replace Exit Device
- E17- Missing End Cap
- E18- Wrong Screws

OPERATIONAL TEST (O)

- O1- Door Does NOT Close Completely
- O2- Door Does NOT Latch Securely
- O3- Door Does NOT Swing Freely
- O4- Electronic Door Release Does NOT Allow Door to Close
- O5- Coordinator Does NOT Work Properly
- O6- Edges of Paired Doors Overlap
- O7- Door Rubs Against Frame
- O8- Bottom of Door Drags Against Floor

MISCELLANEOUS (M)

- M1-
- M2- Astragal Missing
- M3- Astragal Broken
- M4- Incorrect Clearance/Gap (Top of Door to Frame)
- M5- Incorrect Clearance/Gap (Hinge Edge Frame)
- M6- Incorrect Clearance/Gap(Lock Edge to Frame)
- M7- Incorrect Clearance/Gap (Between Doors)
- M8- Protection Plate Too Large
- M9- Protection Plate Missing Screws
- M10- Signage Too Large
- M11- Signage Glued/Nailed to Door
- M12- Door Stop with Manual Hold Open
- M13- Gasketing/Smoke Seal Damaged or Missing
- M14- Kick-Down Door Holder/Door Wedge
- M15- Missing Threshold/Saddle
- M16- Items Not Listed Elsewhere
- M17- Label Painted on Frame
- M18 -Label Painted - Door
- M19 -Door Blocked



Statement of Work — Fire and Smoke Barrier Survey and Inspection

1. **INSPECTION SERVICES TO BE PROVIDED.** Based on Customer's life safety drawings identifying the rated barriers (e.g. walls, floors, ceilings) and other information provided to Life Safety Services, Life Safety Services agrees to provide the following inspection services with respect to Customer's Barriers (collectively, "Inspection Services")
 - a. Use its commercially reasonable efforts to locate and, once located, note non-fire rated protected through penetration/openings ("Penetrations") in the Customer's facility or otherwise identify penetrations in fire and smoke rated barriers.
 - b. Perform minor "Caulk and Walk" repairs as part of the survey process. Minor repairs will consist of sealing penetrations on steel pipes ranging from ½" – 8" in diameter with a maximum of 2" annular space, as well as on plastic and PVC Pipe up to 2" in diameter with a maximum of 2" annular space. STI's LCI Intumescent Sealant Firestop or comparable product will be used for the sealing of minor repairs unless instructed otherwise by the customer.
 - c. Prepare a schedule of repairs for the barriers. The repair schedule could include but may not be limited to:
 - i. Fire Rating, construction material, and type of barrier (e.g. 90 minute sheet rock wall, or 2 hour rated concrete floor);
 - ii. Description, and location, of the penetration;
 - iii. Approved UL System recommended for fire stopping the penetration;
2. **REPORT.** On conclusion of the performance of the Inspection Services, Life Safety Services will provide Customer with a report ("Report"), which is intended to provide Customer evidence of Barrier inspection for submission to the customer's Authority Having Jurisdiction (AHJ), such as The Joint Commission and Customer's local fire protection agencies. The Report shall include:
 - a. A Statement of Conditions (SOC) and Plan for Improvement (PFI). The SOC will detail the findings of the survey and the PFI will provide the customer with approved Fire Stopping UL Systems to repair the penetrations in the barriers located during the survey.
 - b. Digital photographs of each penetration discovered during the barrier survey (THIS EXCLUDES PICTURES OF MINOR REPAIRS PERFORMED DURING THE SURVEY).
3. **STANDARD OF INSPECTION SERVICES.**
 - 3.1 **Infection Control Procedure.** Life Safety Services will perform the Inspection Services in a workmanlike manner. While performing such Inspection Services, Life Safety Services will utilize reasonable infection control procedures. Without limiting the foregoing, Life Safety Services will adhere to Customer's infection control risk assessments ("ICRAs"), provided such ICRAs have been provided to Life Safety Services.



4. PRICE AND TERMS.

4.1 Base Bid. The Base Bid for Inspection Services is as follows (does not include cost of fire stop repair or installation except as specifically outlined in Section 1b).

Current insurance that is maintained by Life Safety Services, a copy of which can be provided to the Customer upon request.

5. SCOPE OF SERVICES. Customer acknowledges that the scope of the Inspection Services to be performed by LSS is limited to those described in Sections 1, 2 and 3 of this Exhibit. Except as otherwise specifically provided in such Sections or this Proposal, LSS is not being retained to provide any repairs or any other services with respect to the Barriers. The purpose of the Report to be delivered by LSS is set forth above as of the date of such Report, and is not intended to constitute a warranty as to the continued compliance of any Barrier beyond such date.