



**ARLINGTON COUNTY, VIRGINIA**

**AGREEMENT NO. 22-DES-SLA-608  
AMENDMENT NUMBER 1**

This Amendment Number 1 is made on the date of execution by the County and amends Agreement Number 22-DES-SLA-608 ("Main Agreement") dated 2/4/2022 between Boland Trane Services, Inc. ("Contractor") and the County Board of Arlington County, Virginia ("County").

The County and the Contractor agree to amend the Main Agreement as follows:

- I. PURSUANT TO PARAGRAPH 4. CONTRACT TERM, CONTRACT ISA HEREBY RENEWED FROM 2/1/2024 UNTIL 1/31/2025.**
- II. CONTRACT NUMBER IS HEREBY AMENDED TO 22-DES-SLA-608.**
- III. EXHIBIT A – SCOPE OF WORK IS HEREBY DELETED IN ITS ENTIRETY AND REPLACED WITH THE ATTACHED REVISED EXHIBIT A.**
- IV. EXHIBIT B – PRICING IS HEREBY DELETED IN ITS ENTIRETY AND REPLACED BY THE ATTACHED REVISED EXHIBIT B.**
- V. EXHIBIT D – EQUIPMENT LIST & MAINTENANCE SCHEDULE IS HEREBY DELETED IN ITS ENTIRETY AND REPALCED WITH THE ATTACHED REVISED EXHIBIT D.**
- VI. PARAGRAPH 52. COVID-19 VACCINATION POLICY FOR CONTRACTORS IS HEREBY DELETED IN ITS ENTIRETY.**
- VII. PARAGRAPH 64. SERVICE WAGE CONTRACT REQUIREMENTS IS HEREBY DELETED IN ITS ENTIRETY.**
- VIII. EXHIBIT E – LIVING WAGE FORMS IS HEREBY DELETED IN ITS ENTIRETY.**
- IX. EXHIBIT F – LIVING WAGE QUARTERLY COMPLIANCE REPORT IS HEREBY DELETED IN ITS ENTIRETY.**
- X. EXHIBIT G – CONTRACTOR COVID-19 VACCINATION CERTIFICATION IS HEREBY DELETED IN ITS ENTIRETY.**

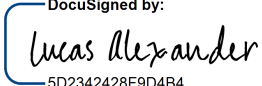
**XI. EXHIBIT H – CONTRACTOR COVID-19 VACCINATION QUARTERLY COMPLIANCE CERTIFICATION IS HEREBY DELETED IN ITS ENTIRETY.**

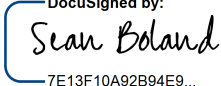
All other terms and conditions of the Main Agreement remain in effect.

WITNESS these signatures:

THE COUNTY BOARD OF ARLINGTON  
COUNTY, VIRGINIA

BOLAND TRANE SERVICES, INC.

AUTHORIZED SIGNATURE:    
5D2342428F9D4B4

AUTHORIZED SIGNATURE:    
7E13F10A92B94E9...

NAME: Lucas Alexander

NAME: Sean Boland

TITLE: Procurement Officer

TITLE: President

DATE: 2/29/2024

DATE: 2/29/2024

DATE: \_\_\_\_\_

DATE: \_\_\_\_\_

## SCOPE OF WORK

### TECHNICIAN INSPECTIONS

- Perform focused maintenance activities based on data backed recommendations.

### CENTRIFUGAL CHILLER – MAINTENANCE COVERAGE

#### OPERATING INSPECTION of your unit.

- Check and record operating temperatures, pressures and amperages.
- Verify proper operation of safety controls.
- Verify operation of purge, if applicable.
- Verify proper operation of control circuit.
- Review operating log with engineer.
- Report any uncorrected deficiencies noted.
- Recommend upgrades to improve efficiency.
- Advise engineer on tower operation.
- Take oil sample once per year and have analyzed for acid and metal content.

### COMPREHENSIVE ANNUAL INSPECTION

- Inspect purge system, if applicable.
- Change purge filter driers/cores.
- Inspect & calibrate safety controls.
- Meg CenTraVac motor and oil pump motor.
- Tighten motor terminals.
- Change oil filter.
- Tighten oil heater leads.
- Report any uncorrected deficiencies noted.

### CONDENSER TUBES (Included) (Not Included)

- Cleaning occurs once per year, provided machine is flanged so that heads can be readily removed and valves are in good operating condition. (Labor only for rodding). If tubes need to be chemically cleaned, it will be done on a T&M basis. If Boland is the Water Treatment provider, there will be no fee for the chemical cleaning of the Condenser Tubes if needed.

### HELICAL ROTARY – MAINTENANCE COVERAGE

#### OPERATING INSPECTION of your unit.

- Check and record operating temperatures, pressures and amperages.
- Adjust operating safety controls.
- Check operation of control circuit.
- Check load and unload operation.
- Review operating pressures and temperatures.
- Check fans for clearance and for obstructions.
- Check and verify separate 120 volts is present for evaporator heaters.
- Report any uncorrected deficiencies noted.
- Recommend upgrades to improve efficiency.



**ANNUAL ROUTINE MAINTENANCE SERVICE** which includes the following:

- Perform all operating inspection tasks.
- Meg compressor motor.
- Tighten motor terminals.
- Test AFD cooling fluid Ph level. (if applicable)
- Take TKO Test once per year.
- Report any uncorrected deficiencies noted.
- Recommend upgrades to improve efficiency.

**AIR COOLED CONDENSER**  (Included)  (Not Included)

- To be performed (1) time per year, if additional cleaning is required this will be performed at T&M rate.

**WATER COOLED CONDENSERS**  (Included)  (Not Included)

- To be performed (1) time per year, if piping doesn't have to be removed (Labor for rodding only). If additional cleaning is required, this will be performed at T&M rate. If Boland is the Water Treatment provider, there will be no fee for the chemical cleaning of the Condenser Tubes if needed.

**MODULAR CHILLERS – MAINTENANCE COVERAGE**

**OPERATING INSPECTION** of your unit.

- Check and log all operating pressures, temperatures, electrical loads, and refrigerant levels to ensure maximum efficiency level.
- Check refrigerant and oil levels.
- Check thermal expansion valve and adjust as needed.
- Check and adjust safety and operating controls.
- Check overall system operation.
- Review operation and maintenance procedures with the owner's operator.

**COMPREHENSIVE ANNUAL INSPECTION** which includes the following:

- Check and calibrate safety and operating controls.
- Meg test compressor motor.
- Check and tighten all electrical terminals and check contacts for wear.
- Tighten motor terminals and control panel terminals.
- Check crankcase heater.
- Check external interlocks, flow switches, and pumps.
- Review operation and maintenance procedures with owner's operator and report any operating deficiencies.

**HEAT EXCHANGER CLEANING**  (Included)  (Not Included)

- Modular Chillers utilize heat exchangers that differ greatly in design, constructions, and performance from other types of heat exchangers (e.g. shell and tube design) and have completely different fouling characteristics. Chemical Cleaning is recommended each year by the current Water Treatment Vendor.



## **PACKAGED ROOFTOP UNIT – MAINTENANCE COVERAGE**

### **OPERATING INSPECTION** of your unit.

- Check operation controls, safety controls, proper pressure and temperatures.
- Check economizer and exhaust fan operation. (if applicable)
- Check operation of heating control.
- Check filters.
- Lubricate fan bearings.
- Actuate inlet vanes and linkage for movement. (if applicable)
- Check Variable Frequency Drive. (if applicable)
- Check air filters and change as required.
- Check coils for obstruction and dirt.
- Confirm proper condensate flow.
- Check belts and change as required.
- Confirm proper oil level.
- Check thermal expansion valve for proper superheat.
- Check pilot flame current (gas fired).
- Check gas operation.
- Clean any dust and debris from the combustion fan wheel.
- Check all power fuses in electric heat section.
- Check all heating contactors.

### **COMPREHENSIVE ANNUAL INSPECTION**

- Review past year operation (log and lock box).
- Perform all items listed in operating inspections.
- Meg compressor motors.
- Tighten set screws on fan assembly locking collars.
- Clean condensate pan.
- Clean variable frequency drive heat sink. (if applicable)
- Verify proper operation of inlet vane assembly. (if applicable)
- Inspect fan and motor controls.
- Check thermal expansion valve sensing bulb for proper security and insulation.
- Inspect contactor surfaces and connections.

## **AIR HANDLER UNITS – MAINTENANCE COVERAGE**

### **OPERATING INSPECTION** of your unit.

- Inspect the filters; clean or replace if necessary.
- Inspect spray coil sump for corrosion or scale.
- Verify integrity of fan bearing grease lines and grease fittings.
- Adjust fan belt tension if necessary.
- Verify motor lubrication.
- Inspect the unit coils to assure that they are clean.
- Report all uncorrected deficiencies to owner/chief engineer.

### **COMPREHENSIVE ANNUAL INSPECTION** which includes the following:

- Inspect unit casing and accessories.



- Inspect the filters; clean or replace if necessary.
- Check valve actuator operation.
- Clean fan wheels and fan shaft if possible.
- Inspect drain pan for sludge or other foreign material.
- Verify proper operation and integrity of damper linkage, set screws and blade adjustment.
- Change fan belt if required.
- Report all uncorrected deficiencies to owner/chief engineer.

## **BOILERS – MAINTENANCE COVERAGE**

### **OPERATING INSPECTION** of your unit.

- Check boiler operation. Adjust as required.
- Check and record proper operating temperatures, pressures, and amperages.
- Check and adjust operating safety controls.
- Check and adjust all linkages as required.
- Check burner and burner nozzles.
- Check all electrical terminations and tighten.
- Check relief valves.
- Review operating log with engineer.
- Report to you any uncorrected deficiencies noted. Recommend updates to improve efficiency.

### **COMPREHENSIVE ANNUAL INSPECTION**

- Perform all Operating Inspections items.
- Check all limits, flame failure control programmer, and low water.
- Check flue gas temperature at boiler outlet to determine if boiler needs cleaning.
- Check operation of Condensate Neutralization System. (if applicable)
- Make necessary adjustments to maintain combustion efficiency.
- Check CO, O<sub>2</sub>, CO<sub>2</sub>, NOX. Give written Report.
- Make necessary adjustments to maintain combustion efficiency.
- Check all electrical connections; tighten as required.
- Leak check gas train and report findings.
- Report to you any uncorrected deficiencies noted. Recommend updates to improve efficiency.

## **VARIABLE REFRIGERANT FLOW SYSTEM – MAINTENANCE COVERAGE**

### **OPERATING INSPECTION** of your unit.

- Record operational runtime capture of equipment and assess the system's overall condition.
- Visual inspection of outdoor unit for signs of leaks or electrical component failure.
- Visual inspection of indoor unit for signs of leaks or electrical component failure.
- Provide electronic leak detection inspection of outdoor unit valves, indoor unit connections, Mode Control Unit connections. (BS/BC/MCU/etc.)
- Pull and replace all disposable filters.
- Blow out condensate lines for all indoor units.
- Connect to all system controllers/gateways and ensure stable communication, review history logs for faults.
- Create program backup of controller, if applicable.

### **COMPREHENSIVE ANNUAL INSPECTION**

- Record operational runtime capture of equipment and assess the system's overall condition.



- Provide electronic leak detection inspection of outdoor unit valves, indoor unit connections, Mode Control Unit connections.
- Pull and clean with vacuum all lifetime filters.
- Pull and replace all disposable filters.
- De-energize Outdoor unit and clean coils.
- Connect to all system controllers/gateways and ensure stable communication, review history logs for faults.
- Create program backup of controller.

**NOTE:** Free and clear accessibility required for maintaining and servicing all indoor units.

## **REFRIGERANT MONITORS – MAINTENANCE COVERAGE**

### **COMPREHENSIVE ANNUAL INSPECTION**

- Review Control Panel Set Point.
- Correct Date and Time.
- Review Alarm Log.
- Clean Optical Bench.
- Replace Internal and External Filters.
- Check voltage output/input for main PC board.
- Check voltage output/input for control PC board.
- Calibrate monitor per specs.
- Check Unit's Calibration with Sample Gas.
- Simulate an Alarm Condition and Check all External Alarms.

## **TRANE BUILDING AUTOMATION SYSTEM**

### **TRACER SUMMIT & SC – MAINTENANCE & COVERAGE SUMMARY**

#### **SCOPE OF WORK – GENERAL TASKS & VISIT SCHEDULE**

Under the unique Boland concept of a 'physical touch' and a 'digital touch' for maintaining control system operation at its optimum state, both site visits and remote monitoring will be utilized.

Site visits will be scheduled and coordinated with the building operator to allow for controls service of the appropriate systems at the appropriate time. For example, it probably makes sense to schedule the controls service review of the hot water system at the beginning of the heating season. This helps make sure that the system will be functional and ready to operate when required, while also minimizing any maintenance downtime required when the system is needed most. Likewise, physical touch maintenance may be coordinated to coincide with any mechanical system maintenance being performed and staggered throughout the agreement life.

Digital Touch maintenance is somewhat more flexible since it can be performed either on or off site (where remote communications capability is available). Even with this flexibility, the Boland technician will coordinate with the building operator to make sure that scheduling is appropriate, and that any special areas of concern receive the attention deserved.

During these site visits, and the coordination contacts for remote monitoring, the technician will dedicate time to spend with the building operator. This time will be dedicated to reviewing building operation, discussing any areas of special concern, limited training, and general communications.

Following each site or remote visit, the building owner will receive a written log of the actions undertaken, the results, and any recommended actions.



## **SCOPE OF WORK – TRACER SC™ OPERATOR TRAINING – LEVEL 1**

Boland realizes that a facility operator's best chance for success in running an efficient and comfortable building comes about when they understand both their HVAC and lighting systems, and the controls that operate them. By gaining an understanding of their system capabilities, the building operator is in the best position to make minor adjustments, and to adequately communicate problems and areas for improvement with their Boland technician.

Boland has developed various levels of operating training with these goals in mind. By participating in operator training, the building operator will gain an understanding of their system and be better prepared to make minor adjustments for efficient, comfortable operation, and also to interface with their Boland technician in maintenance and improvement of the system. With a local understanding, the building operator will be able to minimize occupant comfort complaints by making minor adjustments, and also to assist in saving operating and maintenance costs by improving building efficiency.

Operator training is divided into various levels to reflect the desired involvement and advancing talents of the building operator. Level 1 training includes:

### **Tracer SC Overview of System Capabilities**

This training is targeted toward owner operators to familiarize them with the Tracer product line and its features such as system architecture, literature, applications, acronyms and terminology. The training will give an in-depth overview of system expansion capabilities for unit control applications. The product line consists of operator workstations, building control panels, and microprocessor-based unit controls for HVAC units, which together, create the Trane Integrated Comfort™ System (ICS).

### **Tracer SC Software Operations / Database**

This interactive training is designed to instruct the owner operator to perform daily operations on the Tracer SC system workstation, including logon, logoff, using tool bars and menus, alarm acknowledgement, how to display and print event logs. The operator will learn to use the graphical interface to monitor and control the HVAC mechanical system, control lighting and other building systems.

## **SCOPE OF WORK – TRACER SC™ OPERATOR TRAINING – LEVEL 2**

Operator training is divided into various levels to reflect the desired involvement and advancing talents of the building operator. Level 2 training includes:

### **Tracer SC Site Setup Functions**

The set-up functions training will enable the owner/operator to make changes to the database on a regular basis. Tracer SC building operators will be taught to perform the following advanced functions by a Boland technician. The building operators will learn how to perform daily operations including:

- Adding operators and changing security access for an operator
- Deciding where to route messages and alarms.
- Changing temperature set points for building areas and mechanical equipment.

## **SCOPE OF WORK – TRACER SC™ WORKSTATION EVALUATION**

The Tracer SC workstation is the window into the performance of the Boland building automation system and ultimately the facility. The workstation allows the building operator to monitor all of the vital operating parameters in a building from a single location, including temperatures, pressures, schedules, trend logs, programs, etc.

The Tracer SC Workstation evaluation is designed to allow the Boland technician to regularly inspect the Tracer SC database to help ensure proper operation. Time-of-day scheduling, dates and time settings, program backups, etc. will also be checked. The BCU panel and Tracer SC workstation databases will be checked for proper synchronization and software versioning. The event log will be checked and reviewed with owner and non-critical information will be cleared out. In addition, a backup of the database will be





performed to allow for ease in restoration in the event of catastrophic system failure. The Technician will also cycle the power to the PC and verify proper system restart, check the system time and date and the hardware status.

By conducting a regular maintenance review, the Boland technician can ensure that the displayed data accurately reflects the status of the building, helping to minimize troubleshooting and maintenance time. In addition, proper database management and system restart capabilities help ensure that the system can be restored to operation quickly after any system failures, thus minimizing occupant discomfort and complaints.

**Scheduled Review Tasks:**

- Confirm appropriate software versioning, anti-virus, anti-spy ware, and other general system maintenance routines are appropriate and functioning.
- Visually inspect all computers and monitors for capacity, operation and damage.
- Confirm external communications capabilities if equipped.
- Make minor adjustments.
- Back-up system data and give to system operator for safe storage.

# BOLAND

*We Are Not Comfortable Until You Are*

## REVISED EXHIBIT B:

2/1/2024 - 2/1/2025 - 2/1/2026 -  
1/31/2025 1/31/2026 1/31/2027

Asbestos Worker	\$195.42	\$201.28	\$207.32
Boilermaker	\$215.85	\$222.32	\$228.99
Bricklayers; Masons	\$144.75	\$149.09	\$153.57
Carpenter /Case worker	\$140.62	\$144.84	\$149.19
Carpet Layers/Floor Installers	\$133.59	\$137.59	\$141.72
Concrete Finishers	\$154.45	\$159.08	\$163.85
Data Comm/Telecom Installer	\$136.59	\$140.69	\$144.91
Delivery personnel	\$75.68	\$77.95	\$80.29
Drywall Installers; Ceiling Installers	\$140.62	\$144.84	\$149.19
Electricians	\$217.99	\$224.53	\$231.26
Elevator Mechanics	\$241.12	\$248.35	\$255.81
Glaziers	\$149.70	\$154.19	\$158.82
Heavy Equipment Operators	\$168.04	\$173.08	\$178.27
HVAC Journeyman	\$252.31	\$260.00	\$269.00
HVAC Apprentice	\$201.83	\$207.00	\$213.00
HVAC Field Supervisor	\$277.53	\$285.86	\$294.43
HVAC Refrigeration technician	\$252.31	\$259.88	\$267.68
HVAC Duct installer	\$219.30	\$225.88	\$232.65
HVAC Filter technician	\$168.20	\$173.25	\$178.44
HVAC Building Automation technician	\$252.31	\$260.00	\$269.00
Insulators	\$195.42	\$201.28	\$207.32
Ironworkers	\$179.29	\$184.67	\$190.21
Laborers	\$112.20	\$115.56	\$119.03
Lathers	\$138.02	\$142.16	\$146.42
Light Equipment Operators	\$87.47	\$90.09	\$92.79
Metal Building Assembler	\$179.29	\$184.67	\$190.21
Millwrights	\$163.19	\$168.09	\$173.13
Operating Engineer	\$252.31	\$259.88	\$267.68
Painters/Wall Covering Installers	\$137.41	\$141.54	\$145.78
Pipefitters	\$220.72	\$227.34	\$234.16
Plasterers	\$138.02	\$142.16	\$146.42

Plumbers	\$220.72	\$227.34	\$234.16
Project Manager	\$227.07	\$233.88	\$240.89
Project Administrator	\$126.15	\$129.93	\$133.83
Roofers	\$143.21	\$147.51	\$151.93
Sheet Metal Workers	\$219.30	\$225.88	\$232.65
Sprinkler Fitters	\$196.80	\$202.70	\$208.78
Terrazzo Workers	\$149.83	\$154.32	\$158.95
Tile Setters	\$146.66	\$151.06	\$155.60
Waterproofers/Caulkers	\$80.69	\$83.11	\$85.60
Geothermal Well Field Labor	\$168.20	\$173.25	\$178.44
Engineering Design	\$252.31	\$259.88	\$267.68
Energy Engineer	\$259.88	\$267.68	\$275.71
Project Engineering	\$227.07	\$233.88	\$240.89
Drafting	\$218.66	\$225.22	\$231.98
Architectural	\$185.02	\$190.57	\$196.28
Test & Balance Technician	\$235.48	\$242.55	\$249.82
Infrared Technician	\$252.31	\$259.88	\$267.68
Water Technologies Technician	\$252.31	\$260.00	\$269.00
Miscellaneous Material Margin	28.50%	28.50%	28.50%
1. ALL LABOR RATES ARE BASED ON STANDARD HOURS			
2. OVERTIME RATES (AFTERHOURS, SATURDAY): 1.50 X STANDARD RATES			
3. OVERTIME RATES (SUNDAY, HOLIDAYS): 2.00 X STANDARD RATES			

BOLAND LABOR RATES – February 1, 2024 to January 31, 2025

	Regular Time	Overtime	Double Time
Journeyman	\$252.31	\$378.47	\$504.62
Apprentice	\$201.83	\$302.75	\$403.66
Water Technologies	\$252.31	\$378.47	\$504.62

BOLAND LABOR RATES – February 1, 2025 to January 31, 2026

	Regular Time	Overtime	Double Time
Journeyman	\$260.00	\$390.00	\$520.00
Apprentice	\$207.00	\$310.50	\$414.00

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Water Technologies	\$260.00	\$390.00	\$520.00
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BOLAND LABOR RATES – February 1, 2026 to January 31, 2027

	Regular Time	Overtime	Double Time
Journeyman	\$269.00	\$403.50	\$538.00
Apprentice	\$213.00	\$319.50	\$426.00
Water Technologies	\$269.00	\$403.50	\$538.00

Revised Exhibit D



30 West Watkins Mill Road ● Gaithersburg, MD 20878  
Office: (240) 306-3000 ● Cell: ● Fax: (240) 306-3400  
www.boland.com ●

**DATE:** February 15, 2024

**PRESENTED TO:**  
Arlington County Government  
1400 N. Uhle Street, Suite 602  
Arlington, VA 22201  
Office: 703-228-7593  
Cell: 703-229-3861  
Tsehay Lightfoot  
[tlightfoot@arlingtonva.us](mailto:tlightfoot@arlingtonva.us)

**JOB LOCATION:**  
Arlington County Government

**TERM:** 12 Months from February 1, 2024 to January 31, 2025

**PRICE:** \$351,552.00 Per year

**PAYABLE IN INSTALLMENTS OF:** \$29,296.00 per Month

DESIGNATOR:	MANUFACTURER:	MODEL NUMBER:	SERIAL NUMBER:	COVERAGES:
See	Attached	Equipment	List	Various

**INTELLIGENT SERVICES OFFERING INCLUDED:** None

**CLARIFICATIONS:**

**CLIENT ACCEPTANCE**

Signature: Title:  
Print Name: PO: Date: \_\_\_\_\_

**BOLAND TRANE SERVICES, INC. CONTACT**

Signature: Title:  
Print Name:

*Proposal is valid for 30 days. The attached terms and conditions are a part of this proposal and hereby incorporated within.*

# **BOLAND**

*We Are Not Comfortable Until You Are*

Location	Total
Arlington Arts	\$7,534.00
Art Bus	\$6,774.00
Aurora Hills	\$12,898.00
Court Square West	\$21,152.00
Tractor Barn - Ft Smith Musuem	\$6,260.00
Independence House	\$5,141.00
Courts Police	\$12,150.00
Central Library	\$11,999.00
Detention Center	\$9,728.00
Arlington Mill Community Center	\$16,996.00
Argus House	\$15,075.00
Fairlington Community Center	\$21,218.00
Fire Station #1	\$20,076.00
Fire Station #3	\$8,948.00
Fire Station #5	\$12,662.00
Fire Station #6	\$5,141.00
Fire Station #9	\$5,141.00
Fire Training	\$5,141.00
Glen Carlyn	\$5,141.00
Quincy II	\$8,784.00
PRCR	\$9,256.00
RPC	\$13,314.00
Shirlington Library	\$13,118.00
Westover Library	\$7,128.00
WETA	\$9,718.00
Dawson Terrace	\$8,279.00
Fire Station #4	\$6,008.00
2300 CHP Radio Site	\$5,141.00
Fire Station #2	\$14,224.00
Quincy I	\$8,783.00
Quincy III	\$13,040.00
Solid Waste	\$13,467.00
Water Sewer Streets Admin	\$6,677.00
Fire Station #8	\$5,440.00
<b>Total</b>	<b>\$351,552.00</b>

ARLINGTON ARTS					
Equipment	Qty	Manufacturer	Model Number	Serial Number	INSPECTIONS
AIR COOLED CHILLER	1	TRANE	CGAM060	U20G82060	5 + 1 annual
ART BUS					
Equipment	Qty	Manufacturer	Model Number	Serial Number	INSPECTIONS
RTU	1	TRANE	YHC036E4RXA1RDOB1A1	162610001L	3 + 1 annual
Tracer SC	1	TRANE	BMTS	TBD	5 + 1 annual
AURORA HILLS					
Equipment	Qty	Manufacturer	Model Number	Serial Number	INSPECTIONS
RTU-1	1	TRANE	YZH210	191810492D	3 + 1 annual
RTU-2	1	TRANE	YZH210	191810491D	3 + 1 annual
RTU-3	1	TRANE	YZH210	191810506D	3 + 1 annual
Tracer SC	1	TRANE	BMSC	TBD	5 + 1 annual
Boiler	1	VISSMANN	VISSMANN/Vitodens 200-W B2HA-112	Multiple	1 annual
Court Square West					
Equipment	Qty	Manufacturer	Model Number	Serial Number	INSPECTIONS
CHILLER	1	TRANE	RTWD	U20M08298	5 + 1 annual
CHILLER	1	TRANE	RTWD	U20M08297	5 + 1 annual
Boiler	1	Viessmann	Victrosal 300	7745191900049100	5 + 1 annual
Tracer SC	1	TRANE	BMSC	TBD	5 + 1 annual
			ANNUAL PIPING SWITCH OVER		Twice Per Year
FORT C SMITH MUSEUM - TRACTOR BARN					
Equipment	Qty	Manufacturer	Model Number	Serial Number	INSPECTIONS
Tracer SC	1	TRANE	BMSC	E14F60636	5 + 1 annual
VRF System	1	TRANE	TRV	172951006	3 + 1 annual

INDEPENDENCE HOUSE, 1723 FAIRFAX DRIVE					
Equipment	Qty	Manufacturer	Model Number	Serial Number	INSPECTIONS
Tracer SC	1	TRANE	BMSC	E 15E30694	5 + 1 annual
COURTS POLICE					
Equipment	Qty	Manufacturer	Model Number	Serial Number	INSPECTIONS
Tracer Chiller Control	1	TRANE	BMSC		5 + 1 annual
Chiller	1	TRANE	CVHE570	L18J04104	5 + 1 annual
Chiller	1	TRANE	CVHE570	L18J04105	5 + 1 annual
Refrigerant monitor	1	HALOGARD	171-113+ALS(3)	6652-6652	1 annual
CENTRAL LIBRARY					
Equipment	Qty	Manufacturer	Model Number	Serial Number	INSPECTIONS
CHILLER	1	ARCTICHILL	PWCCMV0500D4-MM	A139053712	5 + 1 annual
		ARCTICHILL	PWCCMV0500D4-MM	A138053212	
		ARCTICHILL	PWCCMV0500D4-MM	A139053612	
		ARCTICHILL	PWCCMV0500D4-MM	A139053412	
		ARCTICHILL	PWCCMV0500D4-MM	A139053512	
		ARCTICHILL	PWCCMV0500D4-MM	A139053312	
Boiler	1	Viessmann	CM2620	7.51367E+12	5 + 1 annual
Boiler	1	Viessmann	CM2620	7.51367E+12	5 + 1 annual
DETENTION CENTER					
Equipment	Qty	Manufacturer	Model Number	Serial Number	INSPECTIONS
Refrigerant monitor	1	Trane	RMWE		1 annual
Centrifugal chiller	1	TRANE	CVHE500	L22E01815	5 + 1 annual
Centrifugal chiller	1	TRANE	CVHE500	L22E01817	5 + 1 annual
ARLINGTON MILL COMMUNITY CENTER					

Equipment	Qty	Manufacturer	Model Number	Serial Number	INSPECTIONS
AHU-6	1	TRANE	CSAA014UBC00	K12G67128	3 + 1 annual
AHU-7	1	TRANE	CSAA014UBC00	K12G67158	3 + 1 annual
Refrigerant monitor	1	TRANE	RMWERP411D0100	L12J03524	1 annual
Water cooled screw chiller	1	TRANE	RTWD	U12104145	5 + 1 annual
Water cooled screw chiller	1	TRANE	RTWD150F28	U12104144	5 + 1 annual
TRACER SC	1	TRANE	BMUC400A	E12166420	5 + 1 annual
<b>ARGUS HOUSE</b>					
Equipment	Qty	Manufacturer	Model Number	Serial Number	INSPECTIONS
VRF OUTDOOR UNIT	1	TRANE	4TVR0072B300NB	131751133x	5 + 1 annual
VRF OUTDOOR UNIT	1	TRANE	4TVR0072B300NB	150751019x	5 + 1 annual
VRF OUTDOOR UNIT	1	TRANE	4TVR0072B300NB	150251089x	5 + 1 annual
VRF INDOOR UNIT	4	TRANE	4TVR0072B300NB	TBD	5 + 1 annual
TRACER SC	1	TRANE	BMSC	TBD	5 + 1 annual
<b>FAIRLINGTON COMMUNITY CENTER</b>					
Equipment	Qty	Manufacturer	Model Number	Serial Number	INSPECTIONS
TRACER	1	TRANE	BMTX001AA8001	E07H0781	5 + 1 annual
RTU	1	TRANE	YCH600	C077E05242	11 + 1 annual
RTU	1	TRANE	YCH480	C077E05243	11 + 1 annual
RTU	1	TRANE	YCH330	C07E05244	11 + 1 annual
CONDENSING UNIT	1	TRANE	RAUC	TB	11 + 1 annual
AHU	1	TRANE	TBD	TB	11 + 1 annual
<b>FIRE STATION #1</b>					



Equipment	Qty	Manufacturer	Model Number	Serial Number	INSPECTIONS
TRACER SC	1	TRANE	BMSC	TBD	5 + 1 annual
RTU	1	TRANE	YCH067E3RHA	150413144L	5 + 1 annual
RTU	1	TRANE	YCH037E3RHA	150310082L	5 + 1 annual
RTU	1	TRANE	YCH047E3RHA	150412943L	5 + 1 annual
RTU	1	TRANE	YCH047E3RHA	15012963L	5 + 1 annual
RTU	1	TRANE	YCH047E3RHA	150412983L	5 + 1 annual
RTU	1	TRANE	YCH037E3RHA	150310066L	5 + 1 annual
RTU	1	TRANE	YCH037E3RHA	150310098L	5 + 1 annual
RTU	1	TRANE			5 + 1 annual
FIRE STATION # 3					
Equipment	Qty	Manufacturer	Model Number	Serial Number	INSPECTIONS
O/S Air Heat Recovery Unit	1	Innovent, 5000-1C-4600-AC/HG	N/A	N/A	3 + 1 annual
TRACER SC	1	TRANE	BMSC	E14F60636	5 + 1 annual
FIRE STATION # 5					
Equipment	Qty	Manufacturer	Model Number	Serial Number	INSPECTIONS
TRACER SC	1	TRANE	BMSC	E14F60637	5 + 1 annual
RTU-1	1	TRANE		48HGD016CC-5H5F	3 + 1 annual
RTU-2	1	TRANE		59016	3 + 1 annual
RTU-3	1	TRANE			3 + 1 annual
RTU-4	1	TRANE		HFP225TMRHN4002	3 + 1 annual
FIRE STATION # 6					
Equipment	Qty	Manufacturer	Model Number	Serial Number	INSPECTIONS
TRACER SC	1	TRANE	BMSC	TBD	5 + 1 annual
FIRE STATION # 9					
Equipment	Qty	Manufacturer	Model Number	Serial Number	INSPECTIONS
TRACER SC	1	TRANE	BMSC	TBD	5 + 1 annual

FIRE TRAINING					
Equipment	Qty	Manufacturer	Model Number	Serial Number	INSPECTIONS
TRACER SC	1	TRANE	BMSC	TBD	5 + 1 annual
GLEN CARLYN					
Equipment	Qty	Manufacturer	Model Number	Serial Number	INSPECTIONS
TRACER SC	1	TRANE	BMSC	TBD	5 + 1 annual
QUINCY II					
Equipment	Qty	Manufacturer	Model Number	Serial Number	INSPECTIONS
TRACER SC	1	TRANE	BMSC	TBD	5 + 1 annual
RTU	1	TRANE	YSH240	194210165D	3 + 1 annual
PRCR					
Equipment	Qty	Manufacturer	Model Number	Serial Number	INSPECTIONS
WATER COOLED SCREW CHILLER	1	TRANE	RTWA0704	U04L09082	5 + 1 annual
REFRIGERANT MONITOR	1	TRANE	RMWE	L05H03628	1 annual
TRACER SC	1	TRANE	BMTX	E05J73690	5 + 1 annual
RPC					
Equipment	Qty	Manufacturer	Model Number	Serial Number	INSPECTIONS
TRACER SC	1	TRANE	BMSC	E13G40997	5 + 1 annual
BOILER	1	VISSMANN	CM2-246	7499085400174.00	1 annual
BOILER	1	VISSMANN	CM2-246	7499085400176.00	1 annual
AIR COOLED CHILLER	1	TRANE	CGAM 052F	U18L71696	3 + 1 annual
			ANNUAL PIPING SWITCH OVER		Twice Per Year
SHIRLINGTON LIBRARY					
Equipment	Qty	Manufacturer	Model Number	Serial Number	INSPECTIONS

WATER COOLED CHILER	1	TRANE	RTWA1004YH	U05F01412	5 + 1 annual
WATER COOLED CHILER	1	TRANE	RTWA1004YH	U05F01413	5 + 1 annual
BOILER	1	VISSMANN	VSB-28	7459306	1 annual
BOILER	1	VISSMANN	VSB-28	7459405	1 annual
RIFRIGERANT MONITOR	1	TBD	TBD	TBD	1 annual
<b>WESTOVER LIBRARY</b>					
<b>Equipment</b>	<b>Qty</b>	<b>Manufacturer</b>	<b>Model Number</b>	<b>Serial Number</b>	<b>INSPECTIONS</b>
CONTROLS	1	TRANE	BMTX001AAB00	ED9C51845	5 + 1 annual
RTU	1	TRANE	YCH600A4H	C08J09339	11 + 1 annual
<b>WETA</b>					
<b>Equipment</b>	<b>Qty</b>	<b>Manufacturer</b>	<b>Model Number</b>	<b>Serial Number</b>	<b>INSPECTIONS</b>
CONTROLS	1	TRANE	BMTW	E01E07196	5 + 1 annual
RTU	1	TRANE	TCD180	201910862D	3 + 1 annual
RTU	1	TRANE	TCD150	201910859D	3 + 1 annual
RTU	1	TRANE	SAHFC60	C20D02602	3 + 1 annual
<b>DAWSON TERRACE</b>					
<b>2133 NORTH TAFT STREET</b>					
<b>Equipment</b>	<b>Qty</b>	<b>Manufacturer</b>	<b>Model Number</b>	<b>Serial Number</b>	<b>INSPECTIONS</b>
VRF Cassettes	7	Mitsubishi	PURY-	N/A	1 + 1 annual
VRF Condenser	1	Mitsubishi	PURY-P72TLMU-A	58W00087	1 + 1 annual
<b>FIRE STATION #4</b>					
<b>Equipment</b>	<b>Qty</b>	<b>Manufacturer</b>	<b>Model Number</b>	<b>Serial Number</b>	<b>INSPECTIONS</b>
Chiller	1	TRANE	CGAM 40A	U21A84664	5 + 1 annual
<b>2300 CHP Radio Site</b>					
TRACER SC	1	TRANE	BMSC		5 + 1 annual

Fire Station #2					
TRACER SC	1	TRANE	BMSC		5 + 1 annual
RTU	1	TRANE			5 + 1 annual
RTU	1	TRANE			5 + 1 annual
RTU	1	TRANE			5 + 1 annual
RTU	1	TRANE			5 + 1 annual

Quincy I					
TRACER SC	1	TRANE	BMSC		5 + 1 annual
RTU	1	TRANE	YCD180	Z41100501D	3 + 1 annual

Quincy III					
TRACER SC	1	TRANE	BMSC		5 + 1 annual
RTU	1	TRANE	YHD180	222810478D	3 + 1 annual
RTU	1	TRANE	YHD180	222810477D	3 + 1 annual
RTU	1	TRANE	YHC120	222321057D	3 + 1 annual

Solid Waste					
TRACER SC	1	TRANE	BMSC		5 + 1 annual
VRF Cassettes	6	TRANE	PURY	N/A	1 + 1 annual
VRF Condenser	1	TRANE	PURY	N/A	1 + 1 annual

Water Sewer Streets					
AIR COOLED CHILLER	1	TRANE	RAUJC40E	C11G04018	3 + 1 annual
AHU	1	TRANE	E2X082A/A	K11G77542	3 + 1 annual

Fire Station #8					
RTU	1	TRANE			5 + 1 annual