



ARLINGTON COUNTY, VIRGINIA  
OFFICE OF THE PURCHASING AGENT  
2100 CLARENDON BOULEVARD, SUITE 500  
ARLINGTON, VA 22201

**AGREEMENT NO. 21-DES-SFA-663  
AMENDMENT NUMBER 3**

This **Amendment Number 3** is made on the date of execution by the County and amends **Agreement Number 21-DES-SFA-663** ("Main Agreement") dated June 1, 2021, between **Havtech Service Division, LLC** ("Contractor") and the County Board of Arlington County, Virginia ("County").

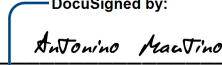
The County and the Contractor agree to amend the Main Agreement as follows:

1. **ADD THE WALTER REED RECREATION CENTER AS A NEW LOCATION AND ITS MAINTENANCE SCHEDULE TO EXHIBIT A: SCOPE OF WORK PER ATTACHMENT 1 ATTACHED.**
2. **REPLACE EXHIBIT B: CONTRACT PRICING WITH THE REVISED EXHIBIT B: CONTRACT PRICING IN ATTACHMENT 1 ATTACHED.**
3. **REMOVE PARAGRAPH 58. COVID-19 VACCINATION POLICY FOR CONTRACTORS.**
4. **REMOVE EXHIBIT C: CONTRACTOR COVID-19 VACCINATION CERTIFICATION.**
5. **REMOVE EXHIBIT D: CONTRACTOR COVID-19 VACCINATION QUARTERLY COMPLIANCE CERTIFICATION.**

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

WITNESS THESE SIGNATURES:

THE COUNTY BOARD OF ARLINGTON  
COUNTY, VIRGINIA

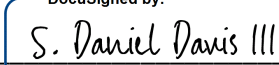
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PRINT: Antonino Mautino

TITLE: Buyer

DATE: 12/6/2023

HAVTECH SERVICE DIVISION, LLC

SIGNATURE:   
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PRINT: S. Daniel Davis III

TITLE: Service Sales Leader

DATE: 12/5/2023

## ATTACHMENT 1

### Equipment Covered and Maintenance Schedule

Service location: Walter Reed Recreation Center located at 2909 16<sup>th</sup> Street, S, Arlington, VA

Manufacturer	Location	Model
Daikin/McQuay	Roof	AGS140C

### Maintenance Schedule

Chiller – start up on April 15<sup>th</sup> or the following Monday with a comprehensive, mid-season running in July and August and shut down on October 15<sup>th</sup> or the following Monday

Chiller Refrigerant Monitor – on a semi-annual basis in July and August

	Screw / Rotary Chillers - Air and Water Cooled	<b>The Annual Inspection</b> <ul style="list-style-type: none"> <li>Check in with facility maintenance manager to discuss any operating issues or deficiencies.</li> <li>Check unit for proper operation, interlocks, controls, and excessive noise or vibration.</li> <li>Tighten all starter, motor, and control connections.</li> <li>Visually inspect condition of starter contacts and overloads for wear, pitting, and any signs of overheating.</li> <li>Meg compressor motor and record readings.</li> <li>Check operation of crankcase heater. *</li> <li>Check evaporator shell heaters and controls for freeze protection. *</li> <li>Check condition, operation, and proper liquid/air levels in expansion tank. *</li> <li>Inspect condition of motor, fan wheel. * (bent blades, debris, proper rotation and airflow)</li> <li>Check and Lubricate motor and fan bearings, screws, and motor mounts.</li> <li>Visually inspect coils for damage, obstructions, and cleanliness.</li> <li>Check relief valve(s) for leakage.</li> <li>Check operation of refrigerant cycle, pump-down cycle, controls, refrigerant charge and oil level. *</li> <li>Ensure all safety and operating controls are set within factory specifications.</li> <li>Check microprocessor for proper setup and operation. *</li> <li>Check operation of electronic expansion valve. *</li> <li>Check operation of load/unload solenoid valves.</li> <li>Test differential oil pressure switch for proper setting. *</li> <li>Check operation of compressor(s).</li> <li>Check the condition of thermometers, and gauges. Compare with operating controls.</li> <li>Check sight glass(es) for flashing / moisture and/or oil presence. *</li> <li>Inspect water piping and valves for leakage; check condition of unit and pipe insulation.</li> <li>Visually inspect units, piping, and accessories for any signs of oil or refrigerant leakage.</li> <li>Review all microprocessor diagnostic codes. *</li> <li>Check flow switch devices and external pump interlocks for proper operation.</li> <li>Check evaporator and condenser flow rates, temperatures, interlocks, and safeties. *</li> <li>Complete operating log of temperatures, pressures, voltages, amperages, and review all readings. Include chiller starts and run times. *</li> <li>Review services performed and report any uncorrected deficiencies to facility maintenance manager.</li> </ul>
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	Screw / Rotary Chillers - Air and Water Cooled	<b>The Operational Inspection</b> <ul style="list-style-type: none"> <li>• Check in with facility maintenance manager to discuss any operating issues or deficiencies.</li> <li>• Check unit for proper operation, interlocks, controls, and excessive noise or vibration.</li> <li>• Visually inspect condition of starter contacts and overloads for wear, pitting, and any signs of overheating.</li> <li>• Check operating and safety controls.</li> <li>• Check operation of lubrication system and crankcase heater.</li> </ul>
		<ul style="list-style-type: none"> <li>• Visually inspect coils for damage, obstructions, and cleanliness.</li> <li>• Check evaporator and condenser flow rates. *</li> <li>• Review all microprocessor diagnostic codes. *</li> <li>• Check operation of electronic expansion valve. *</li> <li>• Check operation of load/unload solenoid valves.</li> <li>• Check the condition of thermometers, and gauges. Compare with operating controls.</li> <li>• Check sight glass(es) for flashing / moisture and/or oil presence. *</li> <li>• Complete operating log of temperatures, pressures, voltages, amperages, and review all readings. Include chiller starts and run times. *</li> </ul> <p><b>* If Applicable!</b></p> <ul style="list-style-type: none"> <li>• NOTE #1: Adequate water treatment by a qualified water treatment firm should be furnished for the equipment covered under this agreement.</li> <li>• NOTE #2: Owner is responsible for checking and maintaining the self- contained breathing apparatus per the manufacturer's recommendations.</li> </ul> <p><b>Predictive Maintenance</b></p> <ul style="list-style-type: none"> <li>• Vibration analysis for rotational imbalance, record readings and compare against manufactures recommendations.</li> <li>• Thermo graphic infrared testing of electrical components.</li> </ul>
	Screw / Rotary Chillers - Air and Water Cooled	<b>Coils Services</b> <ul style="list-style-type: none"> <li>• Refrigerant moisture and acid test on each refrigerant circuit.</li> <li>• Clean coils.</li> <li>• Chemical cleaning of condenser coil(s).</li> <li>• Chemical cleaning of evaporator coil(s).</li> </ul>

**REVISED EXHIBIT B**  
**CONTRACT PRICING**

**Preventative Maintenance Pricing:**

Service Location	Equipment Bureau		Fire Station #6		Fire Station #10		Homeless Shelter		Walter Reed	
	Semi-Annual Rate	Annual Rate	Semi-Annual Rate	Annual Rate	Semi-Annual Rate	Annual Rate	Semi-Annual Rate	Annual Rate	Quarterly Rate	Annual Rate
Year 1 6/1/2021-5/31/22	\$1,889.00	\$3,778.00	\$2,494.00	\$4,988.00	\$2,044.00	\$4,088.00	\$5,117.00	\$20,468.00		
Year 2 6/1/2021-5/31/2023	\$1,950.00	\$3,900.00	\$2,570.00	\$5,140.00	\$2,107.00	\$4,214.00	\$5,272.00	\$21,088.00		
Year 3 6/1/2023-5/31/2024	\$2,011.00	\$4,022.00	\$2,649.00	\$5,298.00	\$2,172.00	\$4,344.00	\$5,432.00	\$21,128.00	\$2,305.50	\$9,222.00
Year 4 6/1/2024-5/31/2025	\$2,072.00	\$4,144.00	\$2,729.00	\$5,458.00	\$2,240.00	\$4,480.00	\$5,599.00	\$22,396.00	\$2,305.00	\$9,222.00
Year 5 6/1/2025-5/31/2026	\$2,137.00	\$4,274.00	\$2,813.00	\$5,626.00	\$2,310.00	\$4,620.00	\$5,770.00	\$23,080.00	\$2305.00	\$9,222.00

**On-Call HVAC System Repair and Maintenance Services at all County locations, the Contractor will furnish labor, overtime or emergency labor, repair parts and components, regulated material recovery and disposal services at the following rates:**

Straight Time	\$165.00
Overtime	\$225.00
Sunday's	\$280.00
Holiday	\$330.00
Truck Charges	\$35.00 per Service Call
Environmental Impact fee	\$15.00