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Geneva, Illinois 60134
630/463-3000
630/463-3020
Fax: 630/463-3029



Scott K. Ney
Director, Facility Operations

**Community Unit
School District 304**

TO: Dr. Kent Mutchler

FROM: Scott Ney

RE: 2022-27– HVAC Planned Maintenance Services Agreement –
Johnson Controls, Inc. Sourcwell Contract #030817-JHN

DATE: June 6, 2022

The Facilities Task Force is requesting approval from the Geneva CUSD #304 Board of Education to proceed with the Heating Ventilation and Air Conditioning (HVAC) Planned Maintenance Services Agreement through the Sourcwell Purchasing Cooperative (formerly the National Joint Powers Alliance (NJPA)).

Cost is as follows:

Year	Total Annual Dollar Amount
07/2022 – 06/2023	\$548,783
07/2023 – 06/2024	\$537,324
07/2024 – 06/2025	\$519,515
07/2025 – 06/2026	\$536,639
07/2026 – 06/2027	\$567,779

The attached HVAC Planned Maintenance Services Agreement is for five (5) years and has a cost of \$2,710,040.

Johnson Controls planned service proposal

Prepared for GENEVA SD 304

Customer
GENEVA SD 304

Local Johnson Controls Office
3007 MALMO DR
ARLINGTON HEIGHTS, IL 600054727

Agreement Start Date:
07/01/2022

Proposal Date
06/3/2022

Estimate No:
1-1FFR977N



Partnering with you to deliver value-driven solutions

Every day, we transform the environments where people live, work, learn and play. From optimizing building performance to improving safety and enhancing comfort, we are here to power your mission.

A Planned Service Agreement with Johnson Controls provides you with a customized service strategy designed around the needs of your facility. Our approach features a combination of scheduled, predictive and preventative maintenance services that focus on your goals.

As your building technology services partner, Johnson Controls delivers an unmatched service experience delivered by factory-trained, highly skilled technicians who optimize operations of the buildings we work with, creating productive and safe environments for the people within.

By integrating our service expertise with innovative processes and technologies, our value-driven planned service solutions deliver sustainable results, minimize equipment downtime and maximize occupant comfort.

With more than a century of healthy buildings expertise, Johnson Controls leverages technologies to successfully deliver smart solutions to facilities worldwide.



Johnson Controls was recognized by Frost & Sullivan as the 2020 North American Company of the Year for innovation in the Smart connected Chillers market

Executive summary

Planned service proposal for GENEVA SD 304

Dear Scott,

We value and appreciate your interest in Johnson Controls as a service provider for your building systems and are pleased to provide a value-driven maintenance solution for your facility. The enclosed proposal outlines the Planned Service Agreement we have developed on your facility.

Details are included in the Planned Service Agreement summary (Schedule A), but highlights are as follows:

- In this proposal we are offering a service agreement for 5 Years starting 07/01/2022 and ending 06/30/2027.
- The agreement price for first year is \$548,783; see Schedule A, Supplemental Price and Payment Terms, for pricing in subsequent years.
- The equipment options and number of visits being provided for each piece of equipment are described in Schedule A, Equipment list.

As a manufacturer of both mechanical and controls systems, Johnson Controls has the expertise and resources to provide proper maintenance and repair services for your facility.

Again, thank you for your interest in Johnson Controls and we look forward to becoming your building technology services partner.

Please contact me if you have any questions.

Sincerely,

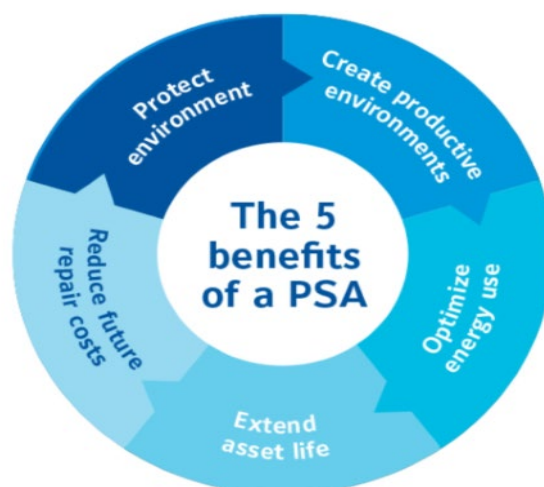
Debra Gable
Service Manager
(866) 854-4768

The power behind your mission

Benefits of planned service

A Planned Service Agreement with Johnson Controls will allow you to optimize your building's facility performance, providing dependability, sustainability and energy efficiency. You'll get a value-driven solution that fits your specific goals, delivered with the attention of a local service company backed by the resources of a global organization.

With this Planned Service Agreement, Johnson Controls can help you achieve the following five objectives:



- 1. Identify energy savings Opportunities**

Since HVAC equipment accounts for a major portion of a building's energy usage, keeping your system performing at optimum levels may lead to a significant reduction in energy costs.

- 2. Reduce future repair costs**

Routine maintenance may maximize the life of your equipment and may reduce equipment breakdowns.

- 3. Extend asset life**

Through proactive, factory-recommended maintenance, the life of your HVAC assets may be extended, maximizing the return on your investment.

- 4. Ensure productive environments**

Whether creating a comfortable place where employees can be productive or controlling a space to meet specialized needs, maintenance can help you achieve an optimal environment for the work that is being accomplished

- 5. Promote environmental health and safety**

When proper indoor conditions and plant requirements are maintained, business outcomes may be improved by minimizing sick leave, reducing accidents, minimizing greenhouse gas emissions and managing refrigerant requirements.

All of the services we perform on your equipment are aligned with "The 5 Values of Planned Maintenance" and our technicians understand how the work they perform can help you accomplish your business objectives.

Our partnership

Personalized account management

A Planned Service Agreement also provides you with the support of an entire team that knows your site and can closely work with you on budget planning and asset management. Your local Johnson Controls account management team can help guide planned replacement, energy retrofits and other building improvement projects. You'll have peace of mind that an entire team of skilled professionals will be looking out for what is best for your facility and budget.

A culture of safety

Johnson Controls technicians take safety seriously and personally, and integrate it into everything they do. All of our technicians participate in regular and thorough safety training. Because of their personal commitment, we are a leader in the HVAC service industry for workplace safety performance. This means that you do not have to worry about us when we are on your site.

Commitment to customer satisfaction

Throughout the term of your Planned Service Agreement, we will periodically survey you and use your feedback to continue to make improvements to our service processes and products. Our goal is to deliver the most consistent and complete service experience possible. To meet this goal, we've developed and implemented standards and procedures to ensure you receive the ultimate service experience – every time.

Energy & sustainability

A more sustainable world one building at a time – Johnson Controls is a company that started more than 125 years ago with a product that reduced energy use in buildings. We've been saving energy for customers ever since. Today, Johnson Controls is a global leader in creating smart environments where people live, work and play, helping to create a more comfortable, safe and sustainable world.

The value of integrity

Johnson Controls has a long, proud history of integrity. We do what we say we will do and stand behind our commitments. Our good reputation builds trust and loyalty. In recognition for our commitment to ethics across our global operations, we are honored to be named one of the World's Most Ethical Companies by Ethisphere Institute, a leading think tank dedicated to business ethics and corporate social responsibility. In addition, Corporate Responsibility Magazine recognizes Johnson Controls as one of the top companies in its annual "100 Best Corporate Citizens" list.

Service delivery

As part of the delivery of this Planned Service Agreement, Johnson Controls will dedicate a local customer service agent responsible for having a clear understanding of the agreement scope, and your facility procedures and protocols.

A high-level overview around our service delivery process is outlined below including scheduling, emergency service, on-site paperwork, communication and performing repairs outside of the agreement scope.

Scheduling

Preventative maintenance service will be scheduled using our automated service management system. In advance of the scheduled service visit, our technician is sent a notice of service to a smartphone. Once the technician acknowledges the request, your customer service agent will call or e-mail your on-site contact to let you know the start date and type of service scheduled.

The technician checks in, wears personal protective equipment, performs the task(s) as assigned, checks out with you and asks for a screen capture signature on the smartphone device. A work order is then e-mailed, faxed or printed for your records.

Emergency services

Emergency service can be provided 7 days a week, 24 hours a day, 365 days a year. During normal business hours, emergency service will be coordinated by the customer service agent. After hours, weekends and holidays, the emergency service number transfers to the Johnson Controls after-hours call center and on-call technicians are dispatched as needed.

Johnson Controls is committed to dispatching a technician within hours of receiving your call through the service line. A work order is e-mailed, faxed or printed for your records. Depending on the terms of your agreement, you may incur charges for after hour services.

Communication

A detailed communication plan will be provided to you so you know how often we will provide information to you regarding your Planned Service Agreement. The communication plan will also provide you with your main contacts at Johnson Controls.

Approval process for non-covered items

Johnson Controls will adhere to your procurement process. No work will be performed outside of the agreement scope without prior approval. Johnson Controls will work with you closely to ensure your procurement process is followed before any non-covered item work is started.

Summary of services and options

Comprehensive and operational inspections

During comprehensive and operational inspections, Johnson Controls will perform routine checks of the equipment for common issues caused by normal wear and tear on the equipment. Additional tests can be run to confirm the equipment's performance.

Routine maintenance, such as lubrication, cleaning and tightening connections, can be performed depending on the type of equipment being serviced. Routine maintenance is one of the keys to the five values of maintenance – it can help identify energy saving opportunities, reduce future repair costs, extend asset life, ensure productive environments, and promote health and safety.

Combustion Analysis

Combustion analysis and subsequent adjustments are critical to efficient boiler operation. Boiler fuel, whether natural gas or oil, must burn in the proper combination of fuel and air (oxygen). Poor combustion can create soot deposits on the tubes, impairing heat transfer. Incomplete combustion can also lead to the potential formation of CO (carbon monoxide); an odorless gas that can harm occupants in the mechanical room and/or building. Johnson Controls technicians will analyze the flue gas to determine if optimal fuel/air ratios are present.

Connected Services

Connected Services provides your local technician a 24/7 line of sight into your chiller via smartphone, PC or tablet. Using YORK® and Metasys® technology, we securely connect your chiller to our Remote Operations Center, which monitors critical alarms and alerts your local branch if there's an issue. Trend data is safely stored and securely accessed by your local technician to analyze tough issues or deteriorating conditions. This enhancement gives your local Johnson Controls service team access to the information they need to diagnose problems and provide you with information about the health of your chiller.

Oil Analysis

By examining the oil, we can determine what part of the chiller is experiencing the most significant and harmful wear. Johnson Controls has been collecting data to statistically derive acceptable limits. We can also determine if there is a breakdown in the oil or if contaminants are affecting chiller operation.

Refrigerant Sample

Refrigerant samples are carefully collected from the applicable HVAC equipment in accordance with Johnson Controls controlled documents to ensure accurate, uncontaminated sampling. Our qualified refrigerant testing laboratory uses Air Conditioning and Refrigeration Institute (ARI) and our own statistically generated standards to accurately and completely assess the condition of your refrigerant. Acidity, moisture, oxides and percent oil are monitored.

Vibration Analysis - Chiller

Johnson Controls maintains the world's largest database of vibration signatures based on more than 50,000 chiller analyses. Data from your chiller is collected by Johnson Controls personnel and uploaded to our predictive diagnostics team for analysis. It is then compared with vibration standards which have been statistically derived from 20 years of compiled data using patented formulas. This allows you to identify and correct potential issues before they cause unscheduled downtime.

Customer Portal / Service Information Access

The Johnson Controls customer portal is the online gateway to easily access various elements of your service information. This real-time, self-service mechanism is just one more way for you to stay in touch with our service within your facilities. Using the internet, you can view service call history by location, monitor agreements, as well as view asset and invoice information.

Summary

Thank you for considering Johnson Controls as your building technology services partner. The following agreement document includes all the details surrounding your Planned Service Agreement.

With planned service from Johnson Controls, you'll get a value-driven solution that can help optimize your building controls and equipment performance, providing dependability, sustainability and energy efficiency. You'll get a solution that fits your specific goals, delivered with the attention of a local service company backed by the resources of a global organization.

The power behind **your mission**

Planned Service Agreement

Customer Name : GENEVA SD 304
Address: 227 N 4TH ST GENEVA,IL 60134-1307
Proposal Date: 06/03/2022
Estimate #: 1-1FFR977N

Scope of Service

Johnson Controls, Inc. ("JCI") and the Customer (collectively the "Parties") agree Preventative Maintenance Services, as defined in Schedule A ("Services"), will be provided by JCI at the Customer's facility. This Planned Service Agreement, the Equipment List, Supplemental Price and Payment Terms, Terms and Conditions, and Schedules attached hereto and incorporated by this reference as if set forth fully herein (collectively the "Agreement"), cover the rights and obligations of both the Customer and JCI. This agreement is in accordance with the Johnson Controls Sourcewell contract #030817-JHN.

Building Automation Systems

- a. Provide premium covered to repair or replace failed or defective parts for all Headend Equipment, Field Panel Equipment, and Field Devices.
- b. Work must be performed by manufacturer's factory-trained and factory-employed service technicians.
- c. Provider shall be an OEM Certified Service Provider and OEM Parts Center for this equipment.
 - i. Technicians shall have the following certifications to work on Metasys:
 - a. Metasys FEC Operations/Troubleshooting 4703
 - b. Metasys Extended Architecture 388 or 389
 - c. Metasys System Extended Architecture Engineering
 - ii. Certification may be requested at the owner's option during post-bid scope review.
 - iii. OEM Parts Center must have access to all replacement parts required, including but not limited to CGM, CVM, and SNEnetwork controllers.
- d. The agreement shall include maintenance and repair parts and labor.
- e. Service technician shall be on site for one day every other week for troubleshooting, repairs, routine maintenance, and owner directed tasking.
- f. Hours of coverage shall be 24 hour coverage on weekdays.
- g. On each service visit, provider will check with customer for operational deficiencies to be addressed during the visit.
- h. Provider will provide software updates in years one (1) and three (3) of the agreement. Software upgrade shall cover:
 - a. Extended Application and Data Service (ADX) and all associated NxEs except NxE85s.
Software upgrade to engines will go as far as the existing models will allow

Customer Technical Support

- a. On an annual basis, provider shall provide unlimited phone and email support from the provider's national factory support center for one registered users.
- b. Phone support should be available Monday-Friday from 7:00 a.m. to 6:00 p.m. Central Time
- c. Responses to email support requests should be received within 2 business days

Field Controllers (ALL)

- a. On an annual basis, provider shall perform (1) operational inspections including the following activities:
 - iv. Check for overall condition of panel and visual inspection of unit and surrounding area
 - v. VAV controllers only: Run VAV box flow test
 - vi. Verification that the unit is controlling to set points
 - vii. Identification and customer notification of abnormal point communications, current overrides

- (e.g. out of service), and current alarms and any negative impacts of these conditions
- b. Provider shall perform one (1) annual comprehensive inspection including the following activities
 - i. Check for overall condition of panel and perform visual inspection of unit and surrounding area
 - ii. Creation of local back up of existing program and storage on on-site computer and on-site media
 - iii. OPTIONAL: Storage of backup on secure off-site media
 - iv. Verification that unit is controlling to set points
 - v. Identification and customer notification of abnormal point communications, current overrides (e.g. out of service), and current alarms and any negative impacts of these conditions
 - vi. For VAV controllers, perform VAV box flow test. Based on results of test:
 - 1. Visual validation of system outputs from the field controller on suspect boxes
 - 2. Validation of controls safety circuit and alarm verification on suspect boxes
 - 3. Tighten electrical connections on suspect boxes
 - 4. If provider cannot perform flow test, above activities must be performed on all boxes.
 - vii. For all other controllers:
 - 1. Visual validation of system outputs from the field controller
 - 2. Validation of controls safety circuit and alarm verification
 - 3. Tighten electrical connections

Supervisory Controllers

- a. On an annual basis, provider shall perform (2) operational inspections including the following activities:
 - i. Verify operation of CPU and case fans
 - ii. Identification and notification to customer of abnormal supervisory device communications and abnormal diagnostic results (e.g. unbound references, object count)
 - iii. Upload of all supervisory controllers and OWS/server devices
 - iv. Archiving object database for Metasys system
 - v. Ensure security database is consistent across devices and that default passwords have been changed
 - vi. Back up of all server repository databases (e.g. trends, alarms, etc.)
 - vii. OPTIONAL: Storage of backup on secure off-site media
- b. On an annual basis, provider shall perform the following additional services:
 - i. Verification of standard graphic data points to system summaries on up to 20 graphics per year
 - ii. Custom reporting verification and management on up to 20 reports

Mechanical Systems [Service Complete]

- i. Provide premium coverage to repair or replace failed or defective parts for all mechanical equipment that is less than 15 years of age and basic coverage for all equipment 15 years of age and older.
 - i. Basic coverage to include scheduled operation inspections, comprehensive maintenance, scheduled service parts, prioritization of unscheduled service (parts and labor additional), after hours emergency support.
 - ii. Premium coverage to include scheduled operation inspections, comprehensive maintenance, scheduled service parts, prioritization of unscheduled service parts, unscheduled repair parts coverage, unscheduled repair labor coverage, after hours emergency support.
 - 1. Premium coverage does not cover any refrigerant or hydronic leaks or “acts of gods” (i.e. lighting strike, flooding, dirty power, etc.).
- j. Work must be performed by trained and factory-employed service technicians.
- k. Provider shall be an Certified Service Provider and Parts Center for this equipment.
 - i. Technicians shall have the following certifications through Johnson Controls (or equivalent training provider):
 - 1. HVAC Maintenance 220

2. HVAC Mechanical System 210

- ii. Certification may be requested at the owner's option during post-bid scope review.
- l. Hours of coverage shall be 24 hour coverage on weekdays.
- m. On each service visit, provider will check with customer for operational deficiencies to be addressed during the visit.
- n. Provider shall provide Operational and Comprehensive visits for each piece of equipment as specified in the equipment list.
- o. During comprehensive and operational inspections perform routine checks of the equipment for common issues caused by normal wear and tear on the equipment. Additional tests can be run to confirm the performance
- p. Preventative maintenance shall be scheduled using an automated service management system

Extended Service Options for Premium Coverage

If Premium Coverage is selected, on-site repair services to the equipment will be provided as specified in this Agreement for the equipment listed in the attached Equipment List.

Equipment List

Only the equipment listed in the Equipment List will be covered as part of this Agreement. Any changes to the Equipment List must be agreed upon in writing by both Parties.

Term / Automatic Renewal

This Agreement takes effect on 07/01/2022 and will continue until 06/30/2027 ("Original Term"). The Agreement will automatically renew yearly during the 5 year and extend for successive terms equal to the Original Term unless the Customer or JCI gives the other written notice it does not want to renew prior to the end of the then-current term (each a "Renewal Term"). The notice must be delivered at least (90) days prior to the end of the Original Term or of any Renewal Term. The Original Term and any Renewal Term may be referred to herein as the "Term". Renewal price adjustments are discussed in the Terms and Conditions.

Refrigerant Charges

Refrigerant is not included under this Agreement and will be billed separately to the Customer by JCI.

Price and Payment Terms

The total Contract Price for JCI's Services during the first year of the Original Term is \$548,783.00. This amount will be paid to JCI monthly. Pricing for each subsequent year of a multiyear Original Term is set forth in the Supplemental Price and Payment Terms. Unless otherwise agreed to by the parties, All payments will be due upon receipt. Renewal price adjustments are set forth in the Terms and Conditions.

Invoices will be sent to the following location:

SCHOOL DISTRICT 304 GENEVA
 227 N FOURTH ST
 GENEVA,IL 60134

In lieu of paper invoices sent to the location above, invoices should be emailed to the following email address: _____

Please check the applicable box indicating Customer Purchase Order (PO) Requirements:

No PO Required Single PO Required for Initial Term Annual PO Required

This proposal is valid for thirty days from the proposal date.

JOHNSON CONTROLS Inc.

By:Debra Gable	By:
Signature:	Signature:
Title:Service Manager	Title:
Date:	Date:
Signature:	Customer PO#:
Title:	Date:

JCI Branch:JOHNSON CONTROLS CHICAGO ROCKFORD IL CB - 0N01
 Address:3007 MALMO DR
 ARLINGTON HEIGHTS,IL 600054727
 Branch Phone:(866) 854-4768
 Branch Email:_____

Schedule A - Equipment List

Admin Building Inventory									
Air Dryer									
Make	Serial #	Model #	Tag/Location	CFM	Voltage/Amperage	Refrigerant Type	Age	July 2022	
Johnson Controls		A-4412-1	N/A / Boiler Room	12 @ 80 PSI	115V	R-134A	24		
Air Compressor									
Make	Serial #	Model #	Tag/Location	Horsepower	Voltage/Amperage	Compressor	Part #	Age	July 2022
Quincy	5066266	MQC01503S	N/A / Boiler Room	< 5	200V/5.8A	(1) Baldor	127466F036	24	
Variable Frequency Drives									
Make	Serial #	Model #	Service	Horsepower				Age	July 2022
Magnetek			AHU-1 Supply Fan	7.5				16	
Motors									
Make	Serial #	Model #	Tag/Location	Horsepower	Voltage/Amperage			Age	July 2022
Baldor		127466F036	Air Compressor Motor	< 5	200V/5.8A			24	
Marathon		894-1365	Burner #1 Motor	½	120V			24	
Dayton		6K030G	Burner #1 Draft Fan Motor	½	120V			24	
Marathon		894-1365	Burner #2 Motor	½	120V			24	
Dayton		6K030G	Burner #2 Draft Fan Motor	½	120V			24	
Baldor		M3311T	AHU-1 Supply Fan Motor	7.5				24	
Unit Ventilators									
Total	Age							Age	July 2022
24	15+ years							24	
Cabinet Unit Heaters/Unit Heaters									
Total	Type	CFM	Age					Age	July 2022
2	Hanging	300-1200	15+ years					24	
Computer Room Unit Schedule									
Make	Serial #	Model #	Tag/Location	Service	Voltage/Amperage	Refrigerant Type	Age	Age	July 2022
Johnson Controls		DCMP24CSM42Q1A		Professional Development Room	208/230	R410A	< 1 year	7	
Johnson Controls		DCMP24CSM42Q1A		Professional Development Room	208/230	R410A	< 1 year	7	
Mitsubishi	72U00760B	PUYA36NHA2	CRU-1 / Roof	Server Room	208/230V/30A	R410A	10 years	17	
Condensing Units									
Make	Serial #	Model #	Tag/Location	Service	Voltage/Amperage	Refrigerant Type	Age	Age	July 2022
EMI	1-07-6-3617-29	S1CA9000A00	Roof	Intervention/Prevention Office	115V/9.8A	R22		16	
EMI	1-07-6-3616-29	S1CA9000A00	Roof	Intervention/Prevention Office	115V/9.8A	R22		16	
Heil	L960522375	CA5530VKD1	Roof	Work Room	208/230V/30A	R22		16	
Heil	L962025221	CA5536VHD1	Roof	Conference Room	208/230V/20A	R22		16	
Heil	L953870750	CA5518VKC1	Roof	Reception	208/230V/20A	R22		16	
Heil	L952055328	CA5548VHC1	Roof	Student Services Office	208/230V/30A	R22		16	
Heil	L961717141	CA5536VHD1	Roof		208/230V/20A	R22		16	
Heil	L952055405	CA5548VHC1	Roof	Technology Office	208/230V/30A	R22		16	
Heil	L952946199	CA5536VHD1	Roof		208/230V/20A	R22		16	
Carrier	1300E09589	38C036340	Roof		208/230V/20A	R22		16	
Weather King	7653N360902409	13AJA24A01	Roof		208/230V/20A	R22		16	
Heil	L962025360	CA5536VHD1	Roof	Accounting Office	208/230V/20A	R22		16	
Heil	L951615295	CA5518VKC1	Roof	Asst. Director of Curriculum	208/230V/15A	R22		16	
Heil	L954965209	CA5560VHC1	Roof	Curriculum Library	208/230V/30A	R22		16	
Heil	L954966201	CA5560VHC1	Roof	Conference Room	208/230V/30A	R22		16	
Heil	L951615297	CA5518VKC1	Roof	Asst. Director of Student Services	208/230V/15A	R22		16	
Heil	L954965172	CA5560VHC1	Roof	Human Resources Office	208/230V/30A	R22		16	
Heil	L962025422	CA5536VHD1	Roof	Facilities Office	208/230V/15A	R22		16	
Air Handling Units									
Make	Serial #	Model #	Tag/Location	Service	Filter	Belt	Age	Age	July 2022
			AHU-1/ Boiler Room	Whole Building		(4) B150 -Supply	22		
Burners									
Make	Serial #	Model #	Tag/Location	Service	MBH	Volts	Age	Age	July 2022
Industrial Combustion	39608-1	CG-17	Burner #1/Boiler Room	AHU-1	1700	120V	22		
Industrial Combustion	39608-JC	CG-17	Burner #2/Boiler Room	AHU-1	1700	120V	22		
Furnace									
Make	Serial #	Model #	Tag/Location	Service	MBH	Volts	Age	Age	July 2022
Ameristar	185042GC2g	M951PO40BU24AAC	N/A	TBD	40000	120V	4		
Condensing Units									
Make	Serial #	Model #	Tag/Location	Service	Tons	Refrigerant Type	Age	Age	July 2022
Ameristar	182970261m	M4AX3024B1000NA	Roof	TBD	2.5	410	4		
VRF									
Make	Serial #	Model #	Tag/Location	Service	Tons	Refrigerant Type	Age	Age	July 2022
Daikin	G004237	3MXL24QMVIU	Roof	TBD	2	410A	5		
Daikin	E062732	FTXS12LVJU	Evaporator	TBD	1	410A	5		
Daikin	J001658	FFQ12Q2VJU	Evaporator	TBD	2	410A	5		

Johnson Controls **Planned Service Proposal**
Prepared for GENEVA SD 304

Fabyan Elementary Inventory									
Cabinet Unit Heaters/Unit Heaters									
Make	Serial #	Model #	Tag/Location	Filter	Age July 2022	CFM			
JCI	6MHN004390	FHP	CUH-101/Exit Door #18	1/2 HP	X X	1			INSTALLED 2021
TRANE			CUH-102/Exit Door #1		X X	13			
JCI	6MHN004391	FHP	CUH-103/Exit Door #3	1/4 HP	X X	1			INSTALLED 2021
TRANE	T08K64510	FFNB120AAACOC30AJ2MOC	CUH-104/Stair #14		X X	13			
TRANE	T08K64522	FFEB1001AAADF030AJ2MOC	CUH-105/Stair #13		X X	13			
JCI	6MHN004392	FHP	CUH-106/Exit Door #5	1/4 HP	X X	1			INSTALLED 2021
TRANE			CUH-107/Exit Door #7		X X	13			
TRANE	T08K64515		CUH-108/Stair #9		X X	13			
TRANE			CUH-109/Exit Door #10		X X	13			
TRANE			CUH-110/Stair #12		X X	13			
TRANE			CUH-111/Stair #11			13			
TRANE	F08K39399	UHSB0841TAA10000000	VUH-101/Boiler Room 115D			13			
TRANE	F08K39395	UHSB1321TAA10000000	UH-101/Receiving Room			13	4100		
TRANE			UH-102/Maintenance Garage			13	2210		
TRANE	F08K39398	UHSBA281TAA10000000	UH-103/Mechanical Room 310			13	1100		
TRANE	F08K39397	UHSBA251TAA10000000	UH-104/Mechanical Room 330			13	1100		
TRANE	F08K39396	UHSBA251TAA10000000	UH-105/Mechanical Room 350			13	1100		
TRANE	F08K39405	UHPB2021TAA10000000	UH-106/Boiler Room 115D			13	1780		
TRANE	F08K19404	UHFB2021TAA10000000	UH-107/Boiler Room 115D			13	4430		
TRANE			UH-108/Boiler Room 115D			13	4430		
TRANE			UH-109/Fire Room Door #15			13	1780		
TRANE	F08K39401	UHSB0841TAA10000000	UH-110/Mechanical Room 200			13	1780		
TRANE	F08K39402	UHSB0841TAA10000000	UH-111/Mechanical Room 302			13	1780		
VAV Boxes with Hot Water Reheat									
Total	95					Age July 2022	13		
Computer Room Unit Schedule									
Make	Serial #	Model #	Tag/Location	Filter	Age July 2022				
LIEBERT	0839N174714	PH014A-PL3	CRU-1/Server Room 222	(1) 20" X 20" X 1"		13			
Fan Coils									
Make	Serial #	Model #	Tag/Location	Service	Filter	Age July 2022	Motor Make	Motor Serial #	
TRANE	T08K64509	FCEB1001DAAD0A30B2M	FCU-101/Stair #13	Stair #12		13	A.O. SMITH		
TRANE	T08K64506	FCEB1001DAAD0A30B2M	FCU-102/Stair #	Stair #		13	A.O. SMITH		
TRANE			FCU-103/Stair #9	Stair #		13	A.O. SMITH		
TRANE			FCU-104/Stair #11	Stair #		13	A.O. SMITH		
TRANE			FCU 105/Stair #12	Stair #		13	A.O. SMITH		
TRANE			FCU 106/Mezzanine (200) Stair #	Stair #		13	A.O. SMITH		
Air Handling Units									
Make	Serial #	Model #	Tag/Location	Service	Filter	Age July 2022	Belt		
YORK	AGT1W XT0042	XTI-069X096-FFNJ046A	AHU-1/Mechanical Room 350	West Classroom Wing	(4) 16" X 20" X 2"; (12) 20" X 24" X 2"	13	(2)X448 - Return; (9) BX43 - Supply		
YORK	AGT1W XT0043	XTI-063X117-FFNK046A	AHU-2/Mechanical Room 330	Middle Classroom Wing	(8) 16" X 20" X 2"; (12) 20" X 24" X 2"	13	(2)BX43 - Return; (2)SVX490 - Supply		
YORK	AGT1W XT0044	XTI-075X099-FFNJ046A	AHU-3/Mechanical Room 310	East Classroom Wing	(6) 16" X 20" X 2"; (18) 20" X 24" X 2"	13	(2) AX49 - Return; (2) BX58 - Supply		
YORK	AGT1W XT0045	XTI-090X108-FFLQ046A	AHU-4/Mechanical Room 302	Media Center/Music/Band	(40) 12" X 24" X 2"	13	(2) BX67 - Return; (2) SVX630 - Supply		
YORK	AFTM XT0157	XTI-063X090-FALAD46A	AHU-5/Mechanical Room 200	Gymnasium	(24) 16" X 20" X 2"; (6) 20" X 24" X 2"	13	(3) BX44 - Supply		
YORK	AFTM XT0158	XTI-054X075-FFLH046A	AHU-6/Mechanical Room 200	Administration	(4) 16" X 20" X 2"; (8) 20" X 24" X 2"	13	(1) BX42 - Return; (3) BX37 - Supply		
YORK	AFTM XT0159	XTI-063X099-FFNJ046A	AHU-7/Mechanical Room 302	Cafeteria	(4) 16" X 20" X 2"; (12) 20" X 24" X 2"	13	(2) AX55 - Return; (2) SVX450 - Supply		
Pumps									
Make	Serial #	Model #	Tag/Location	Service	Flow	Age July 2022	Motor Make	Cat #	
BELL & GOSSETT	C0664117-01 F80		P-1/Mechanical Room 200	CHR-1	447 GPM @ 63 Feet	13	BALDER	VEIMM3313T - 10 HP	
BELL & GOSSETT	C0664117-02 F80		P-2/Mechanical Room 200	CHR-2	447 GPM @ 63 Feet	13	BALDER	VEIMM3313T - 10 HP	
BELL & GOSSETT	C066418-02 E80		P-3/Mechanical Room 200	Chilled Water	1020 GPM @ 64 Feet	13	BALDER	EM2531T - 25 HP	
BELL & GOSSETT	C066418-01 E80		P-4/Mechanical Room 200	Chilled Water	1020 GPM @ 64 Feet	13	BALDER	EM2531T - 25 HP	
BELL & GOSSETT	C066426-02 E80		P-5(Primary)/Boiler Room 115D	BLR-1	GPM @ Feet	13	BALDER	VEIMM3218T - 5 HP	
BELL & GOSSETT	Not Readable		P-6(Primary)/Boiler Room 115D	BLR-2	GPM @ Feet	13	BALDER	VEIMM3218T - 5 HP	
BELL & GOSSETT	C066427-02 G80		P-7(Secondary)/Boiler Room 115D	Heating Water	605 GPM @ 79 Feet	13	BALDER	EM2513T - 15 HP	
BELL & GOSSETT	C066427-01 G80		P-8(Secondary)/Boiler Room 115D	Heating Water	605 GPM @ 79 Feet	13	BALDER	EM2513T - 15 HP	
BELL & GOSSETT	C066420-01 E80		P-9/Mechanical Room 350	AHU-1	45 GPM @ 26 Feet	13	BELL & GOSSETT	903582 - 1/2 HP	
BELL & GOSSETT	C066419-01 E80		P-10/Mechanical Room 330	AHU-2	38 GPM @ 26 Feet	13	BELL & GOSSETT	903582 - 1/2 HP	
BELL & GOSSETT	C066421-01 E80		P-11/Mechanical Room 310	AHU-3	44 GPM @ 31 Feet	13	BELL & GOSSETT	903584 - 1/2 HP	
BELL & GOSSETT	C066422-01 E80		P-12/Mechanical Room 302	AHU-4	52 GPM @ 25 Feet	13	BELL & GOSSETT	903580 - 1/2 HP	
BELL & GOSSETT	C066423-01 E80		P-13/Mechanical Room 200	AHU-5	25 GPM @ 24 Feet	13	BELL & GOSSETT	903580 - 1/2 HP	
BELL & GOSSETT	C066424-01 E80		P-14/Mechanical Room 200	AHU-6	28 GPM @ 24 Feet	13	BELL & GOSSETT	903580 - 1/2 HP	
BELL & GOSSETT	C066425-01 E80		P-15/Mechanical Room 302	AHU-7	27 GPM @ 24 Feet	13	BELL & GOSSETT	903580 - 1/2 HP	
Boilers									
Make	Serial #	Model #	Tag/Location	Fire Marshall #	Age July 2022				
BRYAN	96411	RV700/W/FD(BQ)	BLR-1(Left)/Boiler Room 115D	B100672		13			
BRYAN	96414	RV700/W/FD(BQ)	BLR-2(Right)/Boiler Room 115D	B100673		13			
Gas Burners (Boilers)									
Make	UL#	Model #	Tag/Location	Age July 2022					
GORDON PIATT	AR710974	512.1-G-50	BLR-1(Left)/Boiler Room 115D	13					
GORDON PIATT	AR710975	512.1-G-50	BLR-2(Right)/Boiler Room 115D	13					
Chillers									
Make	Serial #	Model #	Tag/Location	Age					
YORK	RETMO22894	YCVI0247PA46VABXBT	CH-1(Right)/Roof	13					
YORK	RETMO22895	YCVI0247PA46VABXBT	CH-2 (Left)/Roof	13					
Condensing Units									
Make	Serial #	Model #	Tag/Location	Service	Age July 2020				
YORK	2NTM002550	YCUU0036EC46X-GB	CU-1/Roof	AHU-6		13			

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Heartland Elementary Inventory									
Variable Frequency Drives									
Make	Model #	Service	Horsepower						Age July 2022
Toshiba		AHU-A Supply Fan VFD	60						18
Toshiba		AHU-A Return Fan VFD	40						18
Toshiba		AHU-B Supply Fan VFD	40						18
Marathon	RV1254TDX16043AAM	AHU-B Return Fan VFD	15		230/460V				6
ABB		HWP-3/ Boiler Room	15						18
ABB		HWP-4/ Boiler Room	15						18
Motors									
Make	Model #	Tag/Location	Horsepower	Voltage/Amperage					Age July 2022
Baldor	M2547T	AHU-A Supply Fan Motor	60						18
Baldor	M2539T	AHU-A Return Fan Motor	40						18
Baldor	M2534T	AHU-B Supply Fan Motor	40		460V/19A				18
Baldor	M2513T	AHU-B Return Fan Motor	15		460V/20.3A				18
Marathon	S6T17D3307AP	AHU-C Supply Fan Motor	2		460V/3.3A				18
Baldor	M2513T	AHU-D Supply Fan Motor	15		460V/20.3A				18
Baldor	M3218T	AHU-D Return Fan Motor	5		460V/6.6A				18
Baldor	M2513T	AHU-E Supply Fan Motor	15		460V				18
Baldor	M3218T	AHU-E Return Fan Motor	5		460V				18
US Motors	AE53A	HWP-3/ Boiler Room	15						18
US Motors	AE53A	HWP-4/ Boiler Room	15						18
Marathon	8V1256TDCAD26AAY	CWP-5/ Boiler Room	15						18
Marathon	8V1256TDCAD26AAY	CWP-6/ Boiler Room	15						18
VAV Boxes With Electric Heat									
Total									Age July 2022
55		VAV with Reheat							18
Cabinet Unit Heaters/Unit Heaters									
Total	Type	CFM							Age July 2022
15	Vertical Unit Heaters	300-1200							18
Condensing Units									
Make	Serial #	Model #	Tag/Location	Service	Refrigerant Type/Quantity				Age July 2022
York	N1E0895047	YC090C00A4AAC1A	N/A / Roof	AHU-C	R-410A/6 lbs.				18
Liebert	0215N62300	PF0014A-PL3	N/A / Roof	Server Room	R-22/134 oz.				18
Air Handling Units									
Make	Serial #	Model #	Tag/Location	Service	Filter				Age July 2022
York	01-141106-06001	CA0061290	AHU-A/Room 40		(8) 20" x 16" x 2"				18
York	DALM-090558		AHU-B/Boiler Room Penthouse		(5) 20" x 24" x 2"				18
York			AHU-C/Boiler Room Penthouse	Main Office	(2) 16" x 24" x 2"				18
York	01-141106-07002		AHU-D/ Gym	Gym	(3) 25" x 42.5" x 2"				18
York	CALM096160	FC18X18	AHU-E/ Gym	Gym	(3) 25" x 42.5" x 2"				18
Pumps									
Make	Model #	Tag/Location	Service	Voltage/ Amperage	HP	Age July 2022	Motor Make	Age	
Bell & Gossett		HWP-3/ Boiler Room	Secondary Hot Water Pump		15	18	US Motors	11 years	
Bell & Gossett		HWP-4/ Boiler Room	Secondary Hot Water Pump		15	18	US Motors	11 years	
Bell & Gossett	CL8837-01A20	CWP-5/ Boiler Room	Chilled Water Pump	460V	15	18	Marathon	11 years	
Taco	CL8837-01A20	CWP-6/ Boiler Room	Chilled Water Pump	460V	15	18	Marathon	11 years	
Marathon	EE055	N/A / Boiler Room	Primary Hot Water Pump	460V/6.3A	5	18	Marathon	11 years	
Marathon	EE055	N/A / Boiler Room	Primary Hot Water Pump	460V/6.3A	5	18	Marathon	11 years	
Chiller									
Make	Serial #	Model #	Tag/Location	Service	Size	Volts	Age July 2022	Refrigerant Type	
York	RELM003188	YCA50230EC46FASD-L-45	Chiller/Roof	Chill Water System	250 Ton	460V	18	R22	
Boilers									
Make	Serial #	Model #	Tag/Location				Age July 2022		
Burnham	64407106	PV1120WML	Boiler 1/Boiler Room				18		
Burnham	64407107	PV1120WML	Boiler 2/Boiler Room				18		
Gas Burners (Boilers)									
Make	Model #	Tag/Location	MBH						
Powerflame	BCCR3-G-25	Boiler 1/Boiler Room	3957						
Powerflame	BCCR3-G-25	Boiler 2/Boiler Room	3957						

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Harrison Street Elementary Inventory									
Variable Frequency Drives									
Make	Model #	Service	Horsepower	Age	Age July 2022				
Square D		AHU-1 Supply Fan VFD	2		22				
Square D		AHU-1 Return Fan VFD	1		22				
ABB	AYK550-UH-012A-4TK465	AHU-6 Supply Fan VFD	7.5		22				
ABB	2211802051	ACH580-VCR-023A-4+J429	15		1				
Square D		CHWP-5 VFD	15		22				
Break Tank									
Make	Serial #	Model #	Tag/Location	Horsepower	Voltage/Amperage	Age	Age July 2022		
A.O. Smith		848D49C09	N/A/Boiler Room	1/2	110V/6.8A	11 years	18		
Motors									
Make	Model #	Tag/Location	Horsepower	Voltage/Amperage	Age	Age July 2022			
Baldor	M3157T	AHU-1 Supply Fan Motor	2	460V/3.2A		18			
Baldor	M3116T	AHU-1 Return Fan Motor	1	460V/1.56A		18			
Magnetek	8-34928701	AHU-2 Supply Fan Motor	2	460V/3.2A		18			
G.E.	5K5213AC205D	AHU-3 Supply Fan Motor	2	460V/9.2A		18			
Magnetek	8-34928701	AHU-4 Supply Fan Motor	2	460V/3.2A		18			
Baldor	M2531T	AHU-5/ Room 235A	25	460V/31A		18			
Baldor	M1209T	AHU-6/ Gym Mechanical Rm.	7.5	460V		18			
Marathon	Z15TDDV4A026AN	AHU-7/ Supply Fan Motor	10	230V/26A		18			
Marathon	HQHS5D17D3308BP	AHU-7/ Return Fan Motor	3	230V/9.2A		18			
Baldor	37H24X770E7	CWP-7/Upper Boiler Room	7.5			18			
Baldor	374224X770E7	CWP-8/Upper Boiler Room	7.5			18			
Baldor	EM21513T	CHWP-4/West Boiler Room	15	460V		18			
Baldor	EM21513T	CHWP-5/West Boiler Room	15	460V		18			
Super E	EM3313T	CHWP-1/West Boiler Room	10			18			
Super E	EM3313T	CHWP-2/West Boiler Room	10			18			
Baldor	36I871T031G1	N/A /West Boiler Room	5			18			
Baldor	36I871T031G1	N/A /West Boiler Room	5			18			
Baldor	36I871T031G1	N/A /West Boiler Room	5			18			
VAV Boxes With Electric Heat									
Total							Age July 2022		
5							22		
Unit Ventilators									
Total							Age July 2022		
42							22		
Cabinet Unit Heaters/Unit Heaters									
Total	Type	CFM					Age July 2022		
11	Vertical Unit Heaters	300-1200					22		
22	Vertical Cab. Unit Heaters	300-1200					22		
1	Airtherm	TBD	HA-024	E1801596839001001			3		
Condensing Units									
Make	Serial #	Model #	Tag/Location	Service	Refrigerant Type/Quantity	Age	Age July 2022		
Mitsubishi	78U91254D	PUY-A24NHA2	N/A /Roof	Room 165A	R-410A/6 lbs.	12			
York	W0605127	3KCK069670	N/A /Roof	Room 170A	R-22/8 lbs.	14			
Mitsubishi	724003088	PUY-A42NHA2	N/A /Roof	Room 165	R-410A/10 lbs.	14			
EMI		S1CA9000D00	N/A /Roof	Room 120D	R-22	13			
Liebert		N/A /Roof	N/A /Roof	Room 133A		13			
EMI		S1CA9000D00	N/A /Roof	Room 181B	R-22	17			
Carrier	1903109522	3KCK069670	N/A /Roof	AHU-4	R-22	22			
Trane	J86F8J630	RALUBC203AE11AF	N/A /Roof	AHU-7	R-22	22			
Trane	8202NYDAD	TTA090A300FA	N/A /Roof	AHU-1	R-22	22			
Air Handling Units									
Make	Serial #	Model #	Tag/Location	Service	Filter	Age	Age July 2022	Belt	
Trane	K08E60722	MCCB006UAQB00A	AHU-1/Room 285	Main Office	(2) 16" x 20" x 2"	22		(1) AX-42 - Supply (1) 4L-460 - Return	
McQuay	30D00130-06	LSL106CH	AHU-2/Room 285A	Air Room	(2) 20" x 25" x 2"	22		(1) AX-48 - Supply	
McQuay	3UD00131-04	LSL117DW	AHU-3/Room 285	Old Gym	(4) 24" x 24" x 2"	22		(2) BX-68 - Supply	
McQuay	3UD0012906	LSL106CH	AHU-4/ Room 185A	Conference Rooms	(2) 20" x 24" x 2"	12		(1) AX-48 - Supply	
York	CLHM-013887D	99-141795-02	AHU-5/ Room 235A	Gym	(4) 16" x 24" x 2"	22		(3) B85	
York		99-141795-02002	AHU-6/ Gym Mechanical Rm.	Music Room	(4) 20" x 16" x 2"	22		(1) BX59	
Trane	K86H10068		AHU-7/ Room 120 C	Library	(2) 25" x 43.5" x 2"	22		(2) B66 - Supply (1) B85 - Return	
Pumps									
Make	Model #	Tag/Location	Service	Voltage / Amperage	HP	Age	Age July 2022	Motor Make	
Bell & Gossett	M10532	N/A /Room 285	AHU-3 Heating Pump	115V / 3.3A	1/2	12		Bell & Gossett	
Taco	KS4009AE2ICA03M	CWP-7/Upper Boiler Room	Primary Cooling Pump	460V	7.5	12		Baldor	
Taco	KS4009AE2ICAR03M	CWP-8/Upper Boiler Room	Primary Cooling Pump	460V	7.5	12		Baldor	
Taco	E0150N1D211T1AM	CHWP-4/West Boiler Room	Secondary Hot Water Pump	460V	15	11		Baldor	
Taco	E0150N1D211T1AM	CHWP-5/West Boiler Room	Secondary Hot Water Pump	460V	15	11		Baldor	
Bell & Gossett	28C-9.125-BF	CHWP-1/West Boiler Room	Heating/Cooling Pump		10	22		Super E	
Bell & Gossett	28C-9.125-BF	CHWP-2/West Boiler Room	Heating/Cooling Pump		10	22		Super E	
Bell & Gossett	C236009-01M61	E-80	N/A /West Boiler Room	Primary Hot Water Pump #1	5	6			
Bell & Gossett	C236009-02M61	E-80	N/A /West Boiler Room	Primary Hot Water Pump #2	5	6			
Bell & Gossett	B11008361A1-M61	E-80	N/A /West Boiler Room	Primary Hot Water Pump #3	5	6			
Chiller									
Make	Serial #	Model #	Tag/Location	Service	Size	Volts	Age July 2022	Refrigerant Type	
York	RGHM4590AA	YCAL00B05C46AA	Chiller/Roof	Chill Water System	110 Tons	460V	22	R22	
Carrier	2209017599	30HX1468Y-661AA	West Chiller/Roof	Chill Water System		460V	12	143A	
Boilers									
Make	Serial #	Model #	Tag/Location				Age July 2022		
Thermal Solutions	65051760	EVA3000BNUCEM	Boiler 1/West Boiler Room				10		
Thermal Solutions	65011758	EVA3000BNUCEM	Boiler 2/West Boiler Room				10		
Thermal Solutions	65051759	EVA3000BNUCEM	Boiler 3/West Boiler Room				10		
Well-McLain	P-988-W		Boiler 3/Upper Boiler Room				10		
Well-McLain	P-988-W		Boiler 4/Upper Boiler Room				10		
Gas Burners (Boilers)									
Make	Model #	Tag/Location	MBH						
		Boiler 1/West Boiler Room	8						
		Boiler 2/West Boiler Room	8						
		Boiler 3/West Boiler Room	8						
Webster	JB2G-10-RM7840L	Boiler 3/Upper Boiler Room	2176						
Webster	JB2G-10-RM7840L	Boiler 4/Upper Boiler Room	2176						

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Keslinger Transportation Center Inventory									
Energy Recovery Ventilator									
Make	Serial #	Model #	Tag/Location	Belts	Voltage/Amperage				Age July 2022
Greenheck	04F02595	ERV-361H-15-A-ES	N/A / Utility Room	(1) AP38 - Supply (1) AP42 Return	208/230V / 45A				16
Make-Up Air Unit									
Make	Serial #	Model #	Tag/Location	BTU	Voltage/Amperage	Fuel			Age July 2022
Banza		B-650	N/A / Wash Bay	540,00	208V/9A	Natural Gas			16
Banza		B-650	N/A / Mechanic's Bay	540,00	208V/9A	Natural Gas			16
Banza		B-650	N/A / Grounds Shop	540,00	208V/9A	Natural Gas			16
Make-Up Air Exhaust Unit									
Make	Serial #	Model #	Tag/Location	Horsepower	Voltage/Amperage	Belt			Age July 2022
Carnes		V1BK24T1C1UL208K1	N/A / Wash Bay	1.5	208/230V / 4.8A	(1) A69			16
Carnes	788901.005	V1BK24T1C1UL208K1	N/A / Mechanic's Bay	1.5	208/230V / 4.8A	(1) A69			16
Carnes		V1BK24T1C1UL208K1	N/A / Grounds Shop	1.5	208/230V / 4.8A	(1) A69			16
Motors									
Make	Serial #	Model #	Tag/Location	Horsepower	Voltage/Amperage				Age July 2022
Marathon		G082	Energy Recovery Ventilator Supply Motor	¾	208/230V / 45A				16
Marathon		K022	Energy Recovery Ventilator Return Motor	1.5	208/230V / 45A				16
Marathon		G122	Make-Up Air Exhaust Unit Motor	1.5	208/230/460V / 4.8/2.4A				16
Marathon		G122	Make-Up Air Exhaust Unit Motor	1.5	208/230/460V / 4.8/2.4A				16
Marathon		G122	Make-Up Air Exhaust Unit Motor	1.5	208/230/460V / 4.8/2.4A				16
Furnaces									
Make	Serial #	Model #	Tag/Location	BTU	Voltage/ Amperage	Filter	Age		Age July 2022
Lennox	5904G02715	G51MP-60D-135-01	Furnace #1/Utility Room	132,00	120V/11A	(1) 14" x 25" x 1"	9 years		16
Lennox	5904G12125	G51MP-48C-090-02	Furnace #2/Utility Room	88,000	120V/9A	(1) 14" x 25" x 1"	9 years		16
Lennox	5904E09076	G51MP-60C-090-02	Furnace #3/Utility Room	88,000	120V/11A	(1) 14" x 25" x 1"	9 years		16
Condensing Units									
Make	Serial #	Model #	Tag/Location	Service	Voltage/Amperage	Refrigerant Type	Tons		Age July 2022
Lennox	5804F619391	H529-048-10Y	CU-1/ Rear of Building	Transportation Center	208/230V / 20A	R22	4		16
Lennox	5804F098148	H529-048-10Y	CU-2/ Rear of Building	Transportation Center	208/230V / 20A	R22	4		16
Lennox	5804F619386	H529-048-10Y	CU-3/ Rear of Building	Transportation Center	208/230V / 20A	R22	4		16
Gas Fired Unit Heater									
Make	Serial #	Model #	Tag/Location	Service	Voltage/Amperage	Refrigerant Type	Tons		Age July 2022
TBD	TBD	TBD	TBD	Transportation Center	208/230V / 20A	N/A	BN/A		1

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Geneva Middle School North Elementary Inventory						
Variable Frequency Drives						
Make	Serial #	Model #	Service	Horsepower	Voltage/Amperage	Age July 2022
ABB	214503088	ACH550-VDR-031A-4	AHU-2 Supply Fan VFD	20	460V	1
Square D			AHU-2 Return Fan VFD	7.5		1
Square D			AHU-3 Supply Fan VFD	60		2
ABB	2201900554	ACH580-BCR-027A-4	AHU-3 Return Fan VFD	20		2
ABB	2201900666	ACH580-BCR-077A-4	AHU-4 Supply Fan VFD	60		2
ABB	2201900628	ACH580-BCR-044A-4	AHU-4 Return Fan VFD	30	460V	2
ABB	2202501512	ACH580-BCR-044A-4+J429	AHU-5 Supply Fan VFD	30		2
ABB	2203103967	ACH580-BCR-023A-4	AHU-5 Return Fan VFD	15		2
ABB	2183703120	ACH550-VCR-038A-4	AHU-6 Supply Fan VFD	25	460V	4
ABB	2124003537	AYK550-UH-031A-4+K465	P-3 VFD	20	460V	10
ABB	2124900943	AYK550-UH-031A-4+K465	P-4 VFD	20	460V	10
Square D			P-7 VFD	25		1
Square D			P-8 VFD	25		1
Motors						
Make		Model #	Tag/Location	Horsepower	Voltage/Amperage	Age July 2022
Baldor		EM2539T	AHU-1 Supply Fan Motor	40	460V	16
McQuay		39K057W915G18	AHU-2 Supply Fan Motor	20	460V	16
ABB	2184303419	ACH550-VCR-012A-4+F267	AHU-2 Return Fan Motor	7.5	460V	4
ABB	2201902212	ACH580-BCR-096A-4	AHU-3 Supply Fan Motor	75	460V	3
Daiken	Z1803150646	39K057X952G1	AHU-3 Return Fan Motor	20	460V	3
McQuay		EM2547T	AHU-4 Supply Fan Motor	60	460V	16
WEG	12700708	03018ET3E286T	AHU-4 Return Fan Motor	30	460V	6
Baldor	C1909051002	EM2535T	AHU-5 Supply Fan Motor	30	460V	3
McQuay		39K057W916G20	AHU-5 Return Fan Motor	15	460V	16
Baldor	C1808130432	40G048W943G14	AHU-6 Supply Fan Motor	25	460V	4
Baldor		EM2515T	Secondary Heating Pumps	20		16
Baldor		EM2515T	Secondary Heating Pumps	20		16
Emerson		UJ7E3BV-P	Chilled Water Pump	7.5		16
Emerson		UJ7E3BV-P	Chilled Water Pump	7.5		16
Baldor		EM2532T	Chilled Water Pump	25		16
Baldor		EM2532T	Chilled Water Pump	25		16
VAV Boxes With Electric Heat						
Total						Age July 2022
129						16
Cabinet Unit Heaters/Unit Heaters						
Total	Type	CFM				Age 2020
12	Unit Vertical	300-1200				16
20	Cabinet Unit Vertical	300-1200				16
Computer Room Unit Schedule						
Make	Serial #	Model #	Tag/Location	Service	Refrigerant Type	Age July 2022
Daiken	G011764	FTK24NMVJU	N/A / Roof	Computer Room	R-410A	16
Condensing Units						
Make	Serial #	Model #	Tag/Location	Service	Refrigerant Type	Age July 2022
Daiken	G011368	RK24NMVJU	CU-1/Roof	AHU-1	R-410A	16
Air Handling Units						
Make	Serial #	Model #	Tag/Location	Service	Filter	Age July 2022
McQuay	FB0U051000632	CAH050GHAC	AHU-1/North Penthouse	Gym and Multi-Purpose and Locker Rooms	(7) 24" x 16" x 2"	16
McQuay		E76841020	AHU-2/North Penthouse	Main Office Guidance Office	(4) 24" x 20" x 2"	16
McQuay	FB0U051000634	CAH090GDAC	AHU-3/Basement	North Library Classrooms	(7) 24" x 18" x 2"	16
McQuay	FB0005100639	CAH090GDAC	AHU-4/Basement	South Library Classrooms	(7) 24" x 18" x 2"	16
McQuay	FB0U051000640	CAH040GDAC	AHU-5/South Penthouse	Band Tech ED	(6) 24" x 18" x 2"	16
McQuay		E786841060	AHU-6/South Penthouse	Cafeteria	(4) 24" x 24" x 2"	16
Pumps						
Make		Model #	Tag/Location	Service	HP	Age July 2022
Bell & Gossett			AHU-1/North Penthouse	AHU-1 Heat Pump	1/2	16
Bell & Gossett			AHU-2/North Penthouse	AHU-2 Heat Pump	1/2	16
Bell & Gossett			AHU-3/Basement	AHU-3 Heat Pump	1/2	16
Bell & Gossett			AHU-4/Basement	AHU-4 Heat Pump	1/2	16
Bell & Gossett			AHU-5/South Penthouse	AHU-5 Heat Pump	1/4	16
Bell & Gossett			AHU-6/South Penthouse	AHU-6 Heat Pump	1/2	16
Bell & Gossett		V1509AE2JCB6834	P-3/Boiler Room	Secondary Heating Pumps	20	16
Bell & Gossett		V1509AE2JCB6834	P-4/Boiler Room	Secondary Heating Pumps	20	16
Bell & Gossett			P-5/Boiler Room	Chilled Water Pump	7.5	16
Bell & Gossett			P-6/Boiler Room	Chilled Water Pump	7.5	16
ABB	2152401020	ACH550-VCR-038A-4+F267	P-7/Boiler Room	Chilled Water Pump	25	16
ABB	2144602413	AYK550-UH-038A-4+K465	P-8/Boiler Room	Chilled Water Pump	25	16
Bell & Gossett			BLR-1/Boiler Room	Primary Hot Water Pump	7.5	16
Bell & Gossett			BLR-2/Boiler Room	Primary Hot Water Pump	7.5	16
Make-Up Air Fan						
Make		Model #	Tag/Location	Voltage/Amperage	Horsepower	Age July 2022
Cook		245SQN-245SQN-B	SF-1	200V	1.5	16
Chiller						
Make	Serial #	Model #	Tag/Location	Service	Size	Age July 2022
York	11552C01979943	YVAA0273DUV46BAV	York Chiller #1		273 Tons	2
York	11552C01979942	YVAA0273DUV46BAV	York Chiller #2		273 Tons	2
Boilers						
Make	Serial #	Model #	Tag/Location	Fire Marshal #		Age July 2022
Unilux	41150	ZF-1000	Boiler 1/Boiler Room			16
Unilux	41151	ZF-1000	Boiler 2/Boiler Room			16
Gas Burners (Boilers)						
Make		Model #	Tag/Location	MBH		
John Zinc		3R14-G-50	Boiler 1/Boiler Room	10000		
John Zinc		3R14-G-50	Boiler 2/Boiler Room	10000		

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Geneva Middle School South Elementary Inventory							
Variable Frequency Drives							
Make	Model #	Service	Horsepower				Age July 2022
ABB		AHU-2 Supply Fan VFD	10				26
ABB		AHU-2 Return Fan VFD	3				26
Yaskawa		AHU-3 Supply Fan VFD	40				26
Yaskawa		AHU-3 Return Fan VFD	20				26
Yaskawa		AHU-4 Supply Fan VFD	40				26
ABB		AHU-4 Return Fan VFD	20				26
ABB		AHU-5 Supply Fan VFD	20				26
ABB	2160801233	ACH550-UH-08A8-4	5				6
ABB	2143005346	ACH550-VCR-038A-4	25				6
ABB	2092002812	ACH550-VDR-031A-4	20				13
WEB	1025009867	007180T3E213T-SG	7.5				26
ABB	2171502442	ACH550-VDR-031A-4	20				5
WEG	1025009869	007180TBE213T	7.5				5
Trane		RTU-1 Supply Fan VFD	7.5				26
Trane		RTU-1 Return Fan VFD	3				26
ABB	2212304321	ACH-580-VCR-052A-4	40				1
ABB	2212304436	ACH-580-VCR-052A-4	40				1
Greenheck	21C151705279N	VGD-100PLUS-400-6-F	0.75				1
Motors							
Make	Model #	Tag/Location	Horsepower	Voltage/Amperage			Age July 2022
Marathon		CVH286TDC4026BBS	30				26
Baldor		M3131T	10				26
US Electric	C0330575-07/24-17	PVH182TTFN16047AAL	3				7
Marathon	450157389-3301038	NVA324TTDCAC02G	40				8
Baldor	993C	M2515T	20				26
Baldor	20906190156	EM2529T	40				13
Baldor		M2515T	20				26
Marathon		AA256TDC6026AA	20				26
Magnetek		SKS184BC7205B	5				26
Baldor		M2531T	25				26
G.E.		SKS256AC205B	20				1
Magnetek		9-390791-F2	7.5				1
WEG	1029709614	02180T3E256T-SG	20				7
Magnetek		9-390772-01	7.5				26
A.O. Smith		7-850099-01-0J	15				26
			3				26
			3				26
Century	110-21-MT2	850276MJ2	7.5				1
A.O. Smith		7-850115-01-J2	3				26
A.O. Smith		P48J4CA4A1	1/2				26
A.O. Smith		HW2004	1/2				26
Emerson		P55FL-234	1/2				26
Emerson		P55FL-234	1/2				26
G.E.		5K36MN134AX	1/2				26
Emerson		SA55JXFSF-3149	1/6				26
Taco			1/4				26
Taco			1/4				26
Bell & Gossett		Series 60	1/2				26
Greenheck	18347628		0.75				1
VAV Boxes With Electric Heat							
Total	Age						Age July 2022
89	Reheat Boxes	1 year					8
67	VAV Boxes	1 year					8
Cabinet Unit Heaters/Unit Heaters							
Total	Type	CFM					Age July 2022
26	Vertical	300-1200	Units Heaters				26
1	Modine	125000 BTU	43010917091919.00	PDP250SE01635BAN			3
1	Modine	1/8 HP	39011419-5527	HSB1085B015A			3
Computer Room Unit Schedule							
Make	Serial #	Model #	Tag/Location	Service	Refrigerant Type	Age	Age July 2022
Mitsubishi	53U076476	PUY-A24NHA6	N/A / Roof	Computer Room	R410A	6	13
Mitsubishi	62M01318	PKA-A24KA6		Evaporator	R410A	6	6
Rooftops Units							
Make	Serial #	Model #	Tag/Location	Belt	Refrigerant Type	Age	Age July 2022
Trane	C06J09629	SLHFC204C837C3CD9F1100W00G0000R078000	RTU1/Roof	(1) B65 - Supply (1) A64 - Return	R-22	19 years	26
Condensing Units							
Make	Serial #	Model #	Tag/Location	Service	Refrigerant Type	Age	Age July 2022
Trane	C09E14935	RAUCC304E203A0DF0000S	CU-2G/Roof	AHU-2	R407C	19 years	26
Trane	C09E14933	RAUCD124ER032B0F000S	CU-3G/Roof	AHU-3	R407C	19 years	26
Trane	C09E14934	RAUCD124ER032B0F000S	CU-4G/Roof	AHU-4	R407C	19 years	26
Trane	C09E14932	RAUCB04ER032B0F000S	CU-5G/Roof	AHU-5	R407C	19 years	26
Trane	C09E14936	RAUCC504E203A0DF0000S	CU-6G/Roof	AHU-6	R407C	19 years	26
Carrier	5198F90059	38AH-074-600BA	CU-7G/Roof	AHU-7	R-22	19 years	26
Carrier	0299F91516	38AH-074-600BA	CU-8G/Roof	AHU-8	R-22	19 years	26
Air Handling Units							
Make	Serial #	Model #	Tag/Location	Service	Filter	Age	Age July 2022
McQuay	3YL00003-00	MMM150EH	AHU-1/1st Floor Penthouse	Gym and Multi-Purpose Rooms	(6) 25" x 20" x 2"	19 years	26
McQuay	3YL00018-04	LSL1140H	AHU-2/1st Floor Penthouse	Lounge	(4) 25" x 20" x 2"	19 years	26
McQuay	3YL00004-04	LSL164DH	AHU-3/2nd Floor Penthouse	2nd Floor North Library Classrooms	(6) 25" x 20" x 2"	19 years	26
McQuay	3YL00005-04	LSL164DH	AHU-4/2nd Floor Penthouse	2nd Floor South Library Classrooms	(6) 25" x 20" x 2"	19 years	26
McQuay	3YL00019-04	LSL128DH	AHU-5/1st Floor Penthouse	Band Tech Ed	(6) 25" x 20" x 2"	19 years	26
Carrier	5198F90411	39T6JTB-A	AHU-6/1st Floor Penthouse	Cafeteria	(4) 16" x 25" x 2"	19 years	26
Carrier	5198F90424	39T8W8Z-JN3-AA	AHU-7/Basement	1st Floor SE Classrooms	(5) 16" x 18" x 2"	19 years	26
Carrier	5198F90419	39T8H8Z-JP3-AA	AHU-8/Basement	1st Floor NE Classrooms	(5) 16" x 18" x 2"	19 years	26
Carrier	4702F91477	3240	AHU-9/1st Floor Penthouse	Wesly Gym	(1) 16" x 20" x 4"	19 years	26
Semco	295971M013258-01	FV50000H-6NP4AA	AHU-10/1st Floor Penthouse	Locker Rooms		19 years	26
Pumps							
Make	Model #	Tag/Location	Service	Voltage/Amperage	HP		Age July 2022
A.O. Smith			AHU-1/1st Floor Penthouse	AHU-1 Heat Pump	1/2		26
A.O. Smith			AHU-2/1st Floor Penthouse	AHU-2 Heat Pump	1/4		26
Emerson			AHU-3/2nd Floor Penthouse	AHU-3 Heat Pump	1/2		26
Emerson			AHU-4/2nd Floor Penthouse	AHU-4 Heat Pump	1/2		26
G.E.			AHU-5/1st Floor Penthouse	AHU-5 Heat Pump	1/2		26
Emerson			AHU-6/1st Floor Penthouse	AHU-6 Heat Pump	1/6		26
Taco			AHU-7/Basement	AHU-7 Heat Pump	1/4		26
Taco			AHU-8/Basement	AHU-8 Heat Pump	1/4		26
Bell & Gossett			AHU-9/1st Floor Penthouse	AHU-9 Heat Pump	1/2		26
Bell & Gossett	808BF		CS-2/AHU-9 Mechanical Room	Heating Pumps	3		26
Bell & Gossett	808BF		CS-3/AHU-9 Mechanical Room	Heating Pumps	3		26
Bell & Gossett	C318097-05E12	E-80	Boiler #1		3		1
Bell & Gossett	C318097-03E13	E-81	Boiler #2		3		1
Bell & Gossett	C318097-04E14	E-82	Boiler #3		3		1
Bell & Gossett	C318097-02E15	E-83	Boiler #4		3		1
Bell & Gossett	C318097-01E16	E-84	Boiler #5		3		1
Bell & Gossett	C319098-01E12	E-1510	Secondary Pump 1		40		1
Bell & Gossett	C319098-02E12	E-1510	Secondary Pump 2		40		1
Boilers							
Make	Serial #	Model #	Tag/Location	Fire Marshall #	Age		Age July 2022
Thermo Solutions	65796972	EVA3000BNI-UCCM			2021		1
Thermo Solutions	65796969	EVA3000BNI-UCCM			2021		1
Thermo Solutions	65796971	EVA3000BNI-UCCM			2021		1
Thermo Solutions	65796968	EVA3000BNI-UCCM			2021		1
Thermo Solutions	65796970	EVA3000BNI-UCCM			2021		1

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Mill Creek Elementary Inventory								
Variable Frequency Drives								
Make	Model #	Service	Horsepower	Age	July 2022			
ABB	ACHS50-VCR-038A-4	AHU-1 Supply Fan VFD	25	2162201385	6			
ABB	ACHS50-VCR-023a	AHU-1 Return Fan VFD	15		4			
ABB	ACHS50-VCR-038A-4	AHU-2 Supply Fan VFD	25	2162201871	4			
ABB	ACHS50-VCR-023A-4	AHU-2 Return Fan VFD	15	2162201371	6			
ABB	ACHS50-UH-04A1-4	AHU-3 Supply Fan VFD	2	2162201399	6			
ABB	ACHS50-VCR-03A	AHU-3 Return Fan VFD	1	2162201399	25			
Graham/Danfoss		AHU-4 Supply Fan VFD	5		25			
Graham/Danfoss		AHU-4 Return Fan VFD	3		25			
		AHU-5 Supply Fan VFD			25			
		AHU-5 Return Fan VFD			25			
ABB		RTU2 VFD	25		25			
Trane		RTU1 Supply VFD	20		25			
Trane		RTU1 Return VFD	5		25			
Motors								
Make	Model #	Tag/Location	Horsepower	Voltage/Amperage	Age	July 2022		
Magnetek	9-3931136-62	AHU-1 Supply Fan Motor	25	460V/3ØA		25		
Baldor	Z1810040276	EM2333T-G	15	460V/17.2A		4		
Magnetek	9-3931136-62	AHU-2 Supply Fan Motor	25			25		
WEG	1031085797	01518073C254T-5G	15			6		
Century	PES4A29A01C	AHU-3 Supply Fan Motor	2			2		
Dayton	3KW25G	AHU-3 Return Fan Motor	1			25		
Baldor	M3615T	AHU-4 Supply Fan Motor	5			25		
Magnetek	N200	AHU-4 Return Fan Motor	3			25		
Magnetek	N201	AHU-5 Supply Fan Motor	5			25		
Magnetek	N200	AHU-5 Return Fan Motor	3			25		
Baldor	X2010M99745	1208511882-10	Return Fan Motor			2		
A.O. Smith	7-850003-01-0J	RTU2 Supply Fan Motor	25			12		
A.O. Smith	7-850007-01-12	RTU1 Supply Fan Motor	20			12		
A.O. Smith	07-850113-01-12	RTU1 Return Fan Motor	5			12		
VAV Boxes With Electric Heat								
Total		VAV			Age			
34						25		
Cabinet Unit Heaters/Unit Heaters								
Total	Type	CFM				Age	July 2022	
13	Vertical	300-1200				25		
Computer Room Unit Schedule								
Make	Serial #	Model #	Tag/Location	Service	Age	July 2022		
Envromaster Int.	1-08-F-2019-24	S1CA9000000	N/A / Roof	Room 143A	15 years			22
Mitsubishi		PVY-A24NHA2	N/A / Roof	Room 160C	5 years			12
Rooflops Units								
Make	Serial #	Model #	Tag/Location	Belt	Age	Age	July 2022	
Trane	K0614711A	TSC8050U0000000000CBA19700	RTU2/Roof	(5) 3VX-850 - Supply	5 years			12
Trane	COG09630	SLHFC504C846C6AD9F1100W00000000	RTU1/Roof	(2) 5VX-860 - Supply (1) BX-74 - Return	5 years			12
Condensing Units								
Make	Serial #	Model #	Tag/Location	Service	Age	Age	July 2022	
Trane	N/A	N/A	CU-3/Roof		< 1 year			7
Trane	CO9E14931	RAUCC804E03280F0005	CU-2/Roof		5 years			12
Trane	CO9E14930	RAUCC804E03280F0005	CU-1/Roof		5 years			12
Air Handling Units								
Make	Serial #	Model #	Tag/Location	Service	Filter	Age	Age	July 2022
Trane	K96D363B		AHU-1/Room 10		(7) 25" x 16" x 2"	25		
Trane	K96D36169		AHU-2/Room 38		(7) 25" x 16" x 2"	25	(2) VX-660 - Supply (3) BX-48 - Return	
Trane	K96NC24985		AHU-3/Room 28		(2) 18" x 20" x 2"	25	(2) 5VX-660 - Supply (2) 5VX-530 - Return	
Trane	K96C26512		AHU-4/Room 150	Cafeteria	(3) 20" x 20" x 2"	25	(1) AX-42 - Supply (1) AX-42 - Return	
Trane	K96C26476		AHU-5/Room 150	Cafeteria	(3) 20" x 20" x 2"	25	(1) 4L480 - Supply (1) 3X345 - Return	
Pumps								
Make	Model #	Tag/Location	Service	Voltage/ Amperage	Age	Age	July 2022	HP
Bell & Gossett		N/A /Room 10	Primary Hot Water Pump		25			1.5
Bell & Gossett		N/A /Room 10	Primary Hot Water Pump		25			1.5
TACO		N/A /Room 160	Blr 3 Primary Pump		15			
TACO		N/A /Room 161	Secondary Hot Water Pump		16			
TACO		N/A /Room 162	Secondary Hot Water Pump		17			
Bell & Gossett		N/A /Room 150	Hot Water Circulating Pump AHU-4		25			½
Bell & Gossett		N/A /Room 150	Hot Water Circulating Pump AHU-5		25			½
Bell & Gossett		P-1/Room 10	Secondary Hot Water Pump	460V/9.6A	4			7.5
Bell & Gossett		P-2/Room 10	Secondary Hot Water Pump	460V/9.6A	4			7.5
Boilers								
Make	Serial #	Model #	Tag/Location	Age		Age	Age	July 2022
Kewanee	20442	KWS-0-315-G	Boiler 1/Room 10	18 years				25
Kewanee	20443	KWS-0-315-G	Boiler 2/Room 10	18 years				25
Bryan	94715	AB-200-W-FD-(B0)	Boiler 3/ Room 160	7 years				14
Gas Burners (Boilers)								
Make	Model #	Tag/Location	MBH					
Gordon-Platt	KFP10-762-G	Boiler 1/Room 10	2400					
Gordon-Platt	KFP10-762-G	Boiler 2/Room 10	2400					
Gordon-Platt	AB-200-W-FD-(B0)	Boiler 3/ Room 160	2000					

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Western Elementary Inventory									
Make-Up Air Unit									
Make	Serial #	Model #	Tag/Location	Horsepower	Voltage/Amperage	Age			Age July 2022
L.I. Wing	2009-0011468001	FASU-19-H	N/A / Room 168	1	110V/6A	4 years			11
Variable Frequency Drives									
Make	Model #	Service	Horsepower						Age July 2022
Yaskawa	E78V00033XJ	Supply Fan VFD	2						17
Yaskawa	E78V00033XJ	Return Fan VFD	1						17
Motors									
Make	Model #	Tag/Location	Horsepower	Voltage/Amperage					Age July 2022
A.O. Smith	E105	AHU-1 Supply Fan Motor	2						17
A.O. Smith	E103	AHU-1 Return Fan Motor	1						17
UP Motor	R340	AHU-6 Supply Fan Motor	7 1/2	200V/23A					32
VAV Boxes With Electric Heat									
Total									Age July 2022
5									17
Unit Ventilators									
Total				Age					Age July 2022
30				25 years					32
Cabinet Unit Heaters/Unit Heaters									
Total	Type	CEM							Age July 2022
23	Vertical	300-1200							32
Computer Room Unit Schedule									
Make	Serial #	Model #	Tag/Location	Service					Age July 2022
Mitsubishi	8YU01370A	PUY-A24NHA2	N/A / Roof	Room 112					13
Mitsubishi	63U02642B	PUY-A12NHA	N/A / Roof	Room 125A					13
Carrier	0602G40405	48TFE005-A-511	Computer Room RTU / Roof	Room 130					22
Roof Top Unit									
Make	Serial #	Model #	Tag/Location	Service					Age July 2022
Trane	925100732L	THC060E3R0MFG000A000000	RTU-1W/Roof	Art Room					11
Trane	925100744L	THC060E3R0MFG000A000000	RTU-2W/Roof	Music Room					11
Carrier									17
Air Handling Units									
Make	Serial #	Model #	Tag/Location	Service	Filter		Ball		Age July 2022
Trane	8D3007592A	MCC8003UA0A0UA	AHU-1/Roof	Main Office	(6) 25" x 16" x 2"		(1) A45 - Supply (1) A38 - Return		17
McQuay	3UD00133-04	LSL1220V	AHU-6/Gymnasium	Gymnasium	(6) 16" x 25" x 2"		(1) A79 - Supply		9
Pumps									
Make	Serial #	Model #	Tag/Location	Service	Voltage/ Amperage	HP	Motor Make		Age July 2022
Bell & Gossett		TBN184TTDR7627ACL	CHWP-1/Room 168	Primary Chill Water Pump	200V / 14.8A	5	Marathon		6
Bell & Gossett	C226352-01F61	E-1510		Chilled Water Pump	230/460V	10	Baldor		6
Baldor				Heating Pump	230/460V	7.5	Baldor		6
Bell & Gossett		E659A/R07R144R002F	HWP-1/Room 168	Primary Hot Water Pump	208V/30.7A	10	US Electric		6
Bell & Gossett		E659A/R07R144R002F	HWP-2/Room 168	Primary Hot Water Pump	208V/27A	10	US Electric		6
Bell & Gossett	10711	N/A /Gymnasium		AHU-6 Heating Pump	115V/1.9A	1/6	Bell & Gossett		6
Chiller									
Make	Serial #	Model #	Tag/Location	Service	Size	Volts/ Amperage	Age	Refrigerant Type	Age July 2022
York	1153F64954812	YLA0142HE17X		York Chiller Air Cooled	142 Tons	208V	6	R-410A	6
Boilers									
Make	Serial #	Model #	Tag/Location	Age					Age July 2022
Bryan	66966	CL-300W-FDG	Boiler 1/Room 168	24 years					24
Bryan	66965	CL-300W-FDG	Boiler 2/Room 168	24 years					24
Gas Burners (Boilers)									
Make	Model #	Tag/Location	MBH						
Gordon-Platt	R10.9-G-15	Boiler 1/Room 168	2400						
Gordon-Platt	R10.9-G-15	Boiler 2/Room 168	2400						

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Williamsburg Elementary Inventory

Cabinet Unit Heaters/Unit Heaters							
Make	Serial #	Model #	Tag/Location	Age July 2022	Filter	BTU/Hr	CFM
STERLING	12103107	RWI-1130-10	CH-101/Corridor 103 - Exit Door #5	14	9" X 50" X 1/2"		
STERLING	12103107	RWI-1130-06	CH-102/Stair #5 - Exit Door #6	14	8 3/4" X 43 3/4" X 1/2"		
STERLING	12103107	RWI-1130-10	CH-103/Corridor 133A - Exit Door #7 Ceiling Mount	14	8 3/4" X 50 1/2" X 1/2"		
STERLING	12103107	RWI-1130-06	CH-104/Corridor 173 - Exit Door #9	14	8 3/4" X 43 3/4" X 1/2"		
STERLING	12103107	RWI-1130-06	CH-105/Stair #4 - Exit Door #4	14	8 3/4" X 43 3/4" X 1/2"		
STERLING	12103107	RWI-1130-06	CH-106/Stair #3 - Exit Door #3	14	8 3/4" X 43 3/4" X 1/2"		
STERLING	12103107	RWI-1130-06	CH-107/Stair #2 - Exit Door #2	14	8 3/4" X 43 3/4" X 1/2"		
STERLING	12103107	RWI-1130-06	CH-108/Corridor 182 - Exit Door #12	14	8 3/4" X 43 3/4" X 1/2"		
STERLING	6112108	RWI-1130-14	CH-109/Vestibule 100 - Exit Door #1	14	8 3/4" X 69 3/4" X 1/2"		
STERLING	12103107	RWI-1130-06	CH-110/Corridor 189 - Exit Door #15	14	8 3/4" X 43 3/4" X 1/2"		
STERLING	L07780490003002	VS828511	VUH-101/Boiler Room 187	14		205,400	4430
STERLING	L07780490003002	VS828511	VUH-102/Boiler Room 187	14		205,400	4430
STERLING	L07780490003001	HSB10811	HUH-103/Boiler Room 187	14		78,400	1800
STERLING	L07780490002001	HSB04811	HUH-104/Mechanical Room 237	14		34,800	750
STERLING	L07780490002005	VS28511	HUH-105/Mechanical Room 237	14		34,800	750
STERLING	L07780490001003	HSB10811	HUH-106/Mechanical Room 190 Receiving - Room #107	14		78,400	1800
STERLING	L07780490001004	HSB10811	HUH-107/Mechanical Room 190 Receiving - Room #107	14		78,400	1800
STERLING	L07780490002002	HSB10811	HUH-108/Maintenance Storage 188 - Room #109	14		78,400	1800
STERLING	L07780490001002	HSB04811	HUH-109/Mechanical Room 210 - Room #220	14		34,800	750
STERLING	L07780490002006	HSB04811	HUH-110/Mechanical Room 238 - Room #203	14		34,800	750
STERLING	L07780490002003	HSB04811	HUH-111/Mechanical Room 222 - Room 240	14		34,800	750
STERLING	L07780490002007	HSB04811	HUH-112/Mechanical Room 234 - Room 260	14		34,800	750
STERLING	L07780490002004	HSB04811	HUH-113/Mechanical Room 236 - Room 251	14		34,800	750
VAV Box with Hot Water Reheats							
Total	83			14			
Computer Room Unit Schedule							
Make	Serial #	Model #	Tag/Location	Age July 2022	Filter		
LIEBERT	0736N153973	MMD12E-POS00	CRU-1/Server Room 170 - Room 151c	1	(1) 20" X 20" X 1"		
LIEBERT	S0723N149153	PFH014A-PL3	CU-1/Roof (R22)				
Fan Coils							
Make	Serial #	Model #	Tag/Location	Age July 2022	Service	Filter	Motor Make
TRANE	T07L75582	FCEB1001C	FCU-101/Stair 2	14	Stair 2	8 3/4" X 42 3/4" X 1"	
TRANE	T07L75583	FCEB1001C	FCU-102/Stair 3	14	Stair 3	8 3/4" X 42 3/4" X 1"	
TRANE	T07L75584	FCEB1001C	FCU-103/Stair 4 - Second Floor	14	Stair 4	8 3/4" X 42 3/4" X 1"	FASCO
TRANE	T07L75585	FCEB1001C	FCU-104/Stair 6	14	Stair 6	8 3/4" X 42 3/4" X 1"	
TRANE	T07L75586	FCEB0201D	FCU 105/Stair 6	14	Stair 6	8 3/4" X 19 3/4" X 1"	FASCO
Air Handling Units							
Make	Serial #	Model #	Tag/Location	Age July 2022	Service	Filter	Belt
TRANE	K07K21070A	MCCB035UAOC0UA	AHU-1/Mechanical Room 234 - Room # 260	14	South Classroom Pod Area A	(4) 20" X 24" X 2"; (12) 24" (1)BX71 - Return; (4) 3VX670 - Supply	
TRANE	K07J11160A	MCCB035UAOC0UA	AHU-2/Mechanical Room 222 - Room # 240	14	North Classroom Pod Area A	(4) 20" X 24" X 2"; (12) 24" (1)B75 - Return; 5VX800 - Supply	
TRANE	K07J11180A	MCCB035UAOC0UA	AHU-3/Mechanical Room 210 - Room #220	14	South Classroom Pod Area B	(4) 20" X 24" X 2"; (12) 24" (1) BX75 - Supply; 5VX800 - Supply	
TRANE	K07J51192A	MCCB050UAOC0UA	AHU-4/Mechanical Room 236 - Room #251	14	Media, Computer, Art, Band & Music Roc	(20) 20" X 25" X 2"; (4) 16" (2) BX76 - Return; (2) Supply	
TRANE	K07J11172A	MCCB030UAOC0UB	AHU-5/Mechanical Room 237 - Room #201	14	Gymnasium 183	(12) 20" X 20" X 2"; (4) 25" (1)5VX660	
TRANE	K07J11213A	MCCB010UAOC0UA	AHU-6/Mechanical Room 238 - Room #203	14	Administration Offices	(4) 25" X 20" X 2" (1) 4L320 - Return; (1) 5L380 Supply	
TRANE	K07J11203A	MCCB050UAOC0UA	AHU-7/Mechanical Room 237 - Room 201	14	Cafeteria Stage Storage of Area C	(20) 20" X 25" X 2"; (4) 16" (1) BX83 - Return; (2) B80 - Supply	
Pumps							
Make	Serial #	Model #	Tag/Location	Age July 2022	Service	Flow	Motor Make
TACO		KV6009-7.6	P-1/Mechanical Room 237 - Room #201	14	CHR-1	490 GPM @ 46 Feet	BALDER
TACO		KV6009-7.6	P-2/Mechanical Room 237 - Room #201	14	CHR-2	490 GPM @ 46 Feet	
TACO		FI5011-9.75	P-3/Mechanical Room 237 - Room #201	14	Chilled Water	947 GPM @ 69 Feet	
TACO		FI5011-9.75	P-4/Mechanical Room 237 - Room #201	14	Chilled Water	947 GPM @ 69 Feet	
TACO		KV4007AE2JC6841	P-5(Primary)/Boiler Room 187 - Room #108	14	BLR-1	370 GPM @ 32 Feet	BALDER
TACO		KV4007AE2JC6841	P-6(Primary)/Boiler Room 187 - Room #108	14	BLR-1	370 GPM @ 32 Feet	
TACO		FI3011-9.5	P-7(Secondary)/Boiler Room 187 - Room #108	14	Heating Water	370 GPM @ 79 Feet	BALDER
TACO		FI3011-9.5	P-8(Secondary)/Boiler Room 187 - Room #108	14	Heating Water	370 GPM @ 79 Feet	
TACO		1615C3E2-5.4	P-9/Mechanical Room 234 - Room #260	14	AHU-1	32.7 GPM @ 25 Feet	EMERSON
TACO		1615C3E2-5.4	P-10/Mechanical Room 222 - Room #240	14	AHU-2	33.9 GPM @ 25 Feet	
TACO		1615C3E2-5.6	P-11/Mechanical Room 210 - Room #220	14	AHU-3	38.5 GPM @ 26 Feet	EMERSON
TACO		1615C3E1-5.15	P-12/Mechanical Room 236 - Room #236	14	AHU-4	29.9 GPM @ 24 Feet	
TACO		1615-5.1	P-13/Mechanical Room 237 - Room #201	14	AHU-5	25.4 GPM @ 24 Feet	WEG
TACO		1400-10	P-14/Mechanical Room 238 - Room #203	14	AHU-6	2.9 GPM @ 23 Feet	
TACO		1615C3E2-5.6	P-15/Mechanical Room 237 - Room #201	14	AHU-7	46.3 GPM @ 23 Feet	EMERSON
Boilers							
Make	Serial #	Model #	Tag/Location	Age July 2022	Fire Marshall #		
UNILUX	A1616	ZF700W	BLR-1(Left)/Boiler Room 187 - Room #108	14	B2428		
UNILUX	A1617	ZF700W	BLR-2(Right)/Boiler Room 187 - Room #108	14	B2437		
Gas Burners (Boilers)							
Make	UL	Model #	Tag/Location				
GORDON PIATT	AR710490	SR12.1-G-50	BLR-1(Left)/Boiler Room 187 - Room #108				
GORDON PIATT	AR710489	SR12.1-G-50	BLR-2(Right)/Boiler Room 187 - Room #108				
Chillers							
Make	Serial #	Model #	Tag/Location	Age July 2022			
TRANE	U08D07841	RTAC2504	CHR-1(Right)/Roof - R134A	14			
TRANE	U08D07840	RTAC2504	CHR-2 (Left)/Roof - R134A	14			
Condensing Units							
Make	Serial #	Model #	Tag/Location	Age July 2022	Service		
TRANE	8054KYYAD	TTA180B400FA	CU-2/Roof - R-22	14	AHU-6		

Supplemental Price & Payment Terms (Applies to Multi-Year Contracts Only)

Year	Total Annual Dollar Amount	Payment Frequency
2022	\$548,783.00	Monthly
2023	\$537,324.00	Monthly
2024	\$519,515.00	Monthly
2025	\$536,639.00	Monthly
2026	\$567,779.00	Monthly

Special Additions and Exceptions

Controls operations and annual maintenance to occur with mechanical PM. JCI mechanic will ensure controller is operating properly in conjunction with mechanical PM (stroke valve, command fan, stroke damper, ensure set-points are maintained). Any deficiencies found during this PM will be documented and addressed during bi-month BAS technician visit.

BAS troubleshooting and repair to occur on bi-weekly visits.

Back up of ADX will be provided twice a year. Upgrade of ADX and NAE software to in the summer of 2022 and 2024. Does not include hardware upgrades.

For premium coverage equipment, the age of equipment will coincide with contract year. Equipment will come off premium coverage 6/30 of the given year.

Service calls for the High School must first be diagnosed by SD 304 to be BAS related calls. Any time troubleshooting non BAS related scope at HS will be submitted as L&M tickets.

Preventative maintenance will be scheduled by SD 304 through School Dude. SD 304 to provide JCI with a laptop for access to SD at every site within the district. JCI will complete the work orders in School Dude in order of assignment, unless notified by SD 304. Completed work orders will be closed out by JCI, at a minimum, on a weekly basis

TERMS AND CONDITIONS
DEFINITIONS (REV 11/21)

DIGITAL ENABLED SERVICES mean services provided hereunder that employ JCI software and cloud-hosted software offerings and tools to improve and enable such services. Digital Enabled Service may include, but are not limited to, (a) remote inspection, (b) advanced equipment fault detection and diagnostics, and (c) data dashboarding and health reporting.

CONTRACT PRICE means the price that Customer shall pay to JCI for the Services.

COVERED EQUIPMENT means the equipment for which Services are to be provided under this Agreement. Covered Equipment is set forth in Schedule A - Equipment List.

EQUIPMENT FAILURE means the failure, under normal and expected working conditions, of moving parts or electric or electronic components of the Covered Equipment that are necessary for its operation.

PREMISES means those Customer premises where the Covered Equipment is located or Services performed pursuant to this Agreement.

REMOTE MONITORING SERVICES means remote monitoring of Covered Equipment and/or systems including building automation, HVAC equipment, and fire alarm, intrusion, and/or other life safety systems for alarm and event notifications using a UL Certified Central Station.

REMOTE OPERATIONS CENTER (ROC) is the department at JCI that remotely monitors alarm and industrial (HVAC) process signals.

REMOTE OPERATING SERVICES means remote interrogation, modification and/or operation of building automation, HVAC equipment, and/or other Covered Equipment.

REPAIR LABOR is the labor necessary to restore Covered Equipment to working condition following an Equipment Failure, but does not include services relating to total equipment replacement due to obsolescence or unavailability of parts.

REPAIR MATERIALS are the parts and materials necessary to restore Covered Equipment to working condition following an Equipment Failure, but excludes total equipment replacement due to obsolescence or unavailability of parts, unless excluded from the Agreement. At JCI's option, Repair Materials may be new, used, or reconditioned.

SCHEDULED SERVICE MATERIALS are the materials required to perform Scheduled Service Visits on Covered Equipment, unless excluded from the Agreement.

SCHEDULED SERVICE VISITS are the on-site labor visits required to perform JCI recommended inspections and preventive maintenance on Covered Equipment.

SERVICES are the work, materials, labor, service visits, and repairs to be provided by JCI pursuant to this Agreement except that the Services do not include the Connected Equipment Services or the provision of other software products or digital or cloud services, which are provided under separate terms and conditions referenced in Section P.

A. JCI'S SERVICES FOR COVERED EQUIPMENT

1. BASIC COVERAGE means Scheduled Service Visits, plus Scheduled Service Materials (unless excluded from this Agreement). No parts, equipment, Repair Labor or Repair Materials are provided for under BASIC COVERAGE.

2. PREMIUM COVERAGE means BASIC COVERAGE plus Repair Labor, plus Repair Materials (unless excluded from the Agreement). If Customer has ordered PREMIUM COVERAGE, JCI will inspect the Covered Equipment within forty-five (45) days of the date of this Agreement, or as seasonal or operational conditions permit. JCI will then advise Customer if JCI finds any Covered Equipment not in working order or in need of repair. With Customer's approval, JCI will perform the work necessary to put the Covered Equipment in proper working condition, subject to the terms of this Agreement. Customer will pay for such work at JCI's standard rates for parts and labor in effect at the time that the work is performed. If Customer does not want JCI to perform the work identified as necessary by JCI, any equipment thereby affected will be removed from the list of Covered Equipment, and the Contract Price will be adjusted accordingly. Should Customer not make JCI's recommended repairs or proceed with the modified PREMIUM COVERAGE, JCI reserves the right to invoice Customer for the cost of the initial equipment inspection.

3. EXTENDED SERVICE means Services performed outside JCI's normal business hours and is available only if Customer has PREMIUM COVERAGE. Extended Service is available either 24/5 or 24/7, at Customer's election. The price for Extended Service, if chosen by Customer, is part of the total Contract Price.

4. REMOTE MONITORING SERVICES OR REMOTE OPERATING SERVICES. If Remote Monitoring Services or Remote Operating Services are provided, Customer agrees to furnish JCI with a list of the names, titles, addresses, email addresses, and phone numbers of all persons authorized to be contacted by, or be able to contact the ROC to perform specific agreed upon actions with the appropriate authority. If JCI's Services include "Remote Monitoring Services with Open and Close," Customer also agrees to furnish JCI with Customer's daily and holiday opening and closing schedules. Customer agrees to maintain and update the call lists with accurate information. Customer further agrees to notify JCI of such changes as soon as possible. JCI/ROC is not responsible to find new contacts/numbers if the contacts on the call lists cannot be reached. A maximum of three contacts are allowed for any time of the day. If none of those contacts can be reached, then neither JCI nor the ROC are responsible for damages. Customer is responsible for any and all costs and expenses arising from Customer's failure to provide timely updates for any of the contact information submitted to the ROC.

5. CUSTOMER SERVICE INFORMATION PORTAL. Customer may be able to utilize JCI's Customer Service Information Portal during the term of the Agreement, pursuant to the then applicable Terms of Use Agreement.

B. OUT OF SCOPE SERVICES

If, during any Service Visit, JCI detects a defect in any of Customer's equipment that is not Covered Equipment under this Agreement (an "Out of Scope Defect"), JCI may (but shall have no obligation to) notify Customer of such Out of Scope Defect. If Customer elects for JCI to repair such Out of Scope Defect, or if JCI otherwise performs any Services or provides any materials, parts, or equipment outside the scope of the Services (collectively, "Out of Scope Services"), Customer shall direct JCI to perform such Out of Scope Services in writing, and Customer shall pay for such Out of Scope Services at JCI's standard fees or hourly rates. If, after receiving notice of an Out of Scope Defect, Customer elects not to engage JCI to repair such Out of Scope Defect, Customer shall defend and indemnify JCI from and against any and all losses, damages, claims, costs and expenses arising directly or indirectly out of such Out of Scope Defect. Any Out of Scope Services performed by JCI at the direction of Customer pursuant to this Section shall be subject to the Customer Terms in effect as of the Effective Date (the "**Customer Terms**"), which Customer Terms are incorporated into this Agreement by this reference. A copy of the Customer Terms currently in effect is found at www.johnsoncontrols.com/customerterms.

C. EXCLUSIONS

JCI's Services and warranty obligations expressly exclude:

(a) the repair or replacement of ductwork, casings, cabinets, structural supports, tower fill/slats/basin, hydronic and pneumatic piping, and vessels, gaskets, and piping not normally replaced or maintained on a scheduled basis, and removal of oil from pneumatic piping;

(b) disposal of hazardous wastes (except as otherwise expressly provided herein);

(c) disinfecting of chiller condenser water systems and other components for biohazards, such as but not limited to, Legionella unless explicitly set forth in the scope of services between the parties. Unless explicitly provide for within the scope of services, this is Out of Scope Services and the Customer's exclusive responsibility to make arrangements for such services with a provider other than JCI. Mentions of chiller tube cleaning, condenser cleaning, cooling tower cleaning or boiler tube cleaning in any scope of services, only involve work to remove normal buildup of debris and scale using tube brush cleaning, pressure washing or acid flushing. Reference to such cleaning does not include chemical cleaning, disinfection or chemical water treatment required to eliminate, control or disinfect against biohazards such as but not limited to Legionella;

(d) refrigerant; supplies, accessories, or any items normally consumed during the use of Covered Equipment, such as ribbons, bulbs and paper;

(e) the furnishing of materials and supplies for painting or refinishing equipment;

(f) the repair or replacement of wire in conduit, buried cable/transmission lines, or the like, if not normally replaced or maintained on a scheduled basis;

(g) replacement of obsolete parts; and

(h) damages of any kind, including but not limited to personal injury, death, property damage, and the costs of repairs or service resulting from:

- abuse, misuse, alterations, adjustments, attachments, combinations, modifications, or repairs to Covered Equipment not performed, provided, or approved in writing by JCI;
- equipment not covered by this Agreement or attachments made to Covered Equipment;
- acts or omissions of the Customer, including but not limited to the failure of the Customer to fulfill the Customer Obligations and Commitments to JCI as described in Section F of this Agreement, operator error, Customer's failure to conduct preventive maintenance, issues resulting from Customer's previous denial of JCI access to the Covered Equipment, and Customer's failure to keep the site clean and free of dust, sand, or other particles or debris, unless such conditions are previously expressly acknowledged by JCI in writing;
- use of the Covered Equipment in a manner or environment, or for any purpose, for which it was not designed by the manufacturer;
- site-related and environmental conditions, including but not limited to power failures and fluctuations in electrical current (or "power surges") and biohazards such as but not limited to Legionella associated with condenser water, cooling tower systems and subcomponent systems;
- the effects of erosion, corrosion, acid cleaning, or damage from unexpected or especially severe freezing weather;
- issues or failures not specifically covered by this Agreement; or
- occurrences beyond JCI's reasonable control and without JCI's fault or negligence.

D. PAYMENT TERMS; PRICE ADJUSTMENTS

Unless otherwise agreed to by the parties, fees and other amounts due hereunder are due upon receipt of the invoice. Such payment is a condition precedent to JCI's obligation to perform Services under the Agreement. Any invoice disputes must be identified in writing by Customer within 21 days of the date of invoice. Payments of any disputed amounts are due and payable upon resolution. Failure by Customer to make payments when due will give JCI, without prejudice to any other right or remedy, the right to: (i) to stop performing any Services, withhold deliveries of Equipment and other materials, terminate or suspend any software licenses provided hereunder and/or terminate this Agreement; and (ii) charge Customer interest on the amounts unpaid at a rate equal to the lesser of one and one-half (1.5) percent per month or the maximum rate permitted under applicable law, until payment is made in full.

All stated prices are exclusive of and Customer agrees to pay any taxes, fees, duties, tariffs, false alarm assessments, installation or alarm permits and levies or other similar charges imposed and/or enacted by a government, however designated or imposed, including but not limited to value-added and withholding taxes that are levied or based upon the amounts paid under this Agreement. This agreement shall not automatically renew,

and shall terminate automatically at the end of the stated term without further notice or action being required. Prices for products covered by this Agreement may be adjusted by Company, upon notice to Customer at any time prior to shipment and regardless of Customer's acceptance of the Company's proposal or quotation, to reflect any increase in taxes, duties, tariffs or quotas, acts of government, or any similar charges.

E. WARRANTIES

JCI warrants its Services will be provided in a good and workmanlike manner for 90 days from the date of Services. If JCI receives written notice of a breach of this warranty prior to the end of this warranty period, JCI will re-perform any non-conforming Services at no additional charge within a commercially reasonable time of the notification.

JCI warrants that equipment manufactured or labeled by Johnson Controls, Inc. shall be free from defects in material and workmanship arising from normal usage for a period of 90 days. No warranty is provided for third-party products and equipment installed or furnished by JCI. Such products and equipment are provided with the third party manufacturer's warranty to the extent available, and JCI will transfer the benefits, together with all limitations, of that manufacturer's warranty to Customer. All transportation charges incurred in connection with the warranty for equipment and/or materials not covered under this Agreement shall be borne by Customer. Except as provided herein, if JCI receives written notice of a breach of this warranty prior to the end of this warranty period, JCI will repair or replace (at JCI's option) the defective equipment.

These warranties do not extend to any Services or equipment that have been misused, altered, or repaired by Customer or third parties without the supervision of and prior written approval of JCI, or if JCI serial numbers or warranty decals have been removed or altered. All replaced parts or equipment shall become JCI's property. This warranty is not assignable. Warranty service will be provided during normal business hours, excluding holidays. The remedies set forth herein shall be Customer's sole and exclusive remedy with regards to any warranty claim under this Agreement. Any lawsuit based upon the warranty must be brought no later than one (1) year after the expiration of the applicable warranty period. This limitation is in lieu of any other applicable statute of limitations. **CUSTOMER FURTHER ACKNOWLEDGES AND AGREES THAT THESE WARRANTIES ARE JCI'S SOLE WARRANTIES AND TO THE MAXIMUM EXTENT PERMITTED UNDER APPLICABLE LAW ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.** JCI makes no and specifically disclaims all representations or warranties that the services, products, software or third party product or software will be secure from cyber threats, hacking or other similar malicious activity, or will detect the presence of, or eliminate, prevent, treat, or mitigate the spread, transmission, or outbreak of any pathogen, disease, virus or other contagion, including but not limited to COVID 19.

F. CUSTOMER OBLIGATIONS AND COMMITMENTS TO JCI

1. Customer warrants it has given JCI all information concerning the condition of the Covered Equipment. The Customer agrees and warrants that, during the Term of this Agreement, Customer will:

- (1) operate the Covered Equipment according to the manufacturer's and/or JCI's recommendations;
- (2) keep accurate and current work logs and information about the Covered Equipment as recommended by the manufacturer and/or JCI;
- (3) provide an adequate environment for Covered Equipment as recommended by the manufacturer and/or JCI, including, but not limited to adequate space, electrical power, water supply, air conditioning, and humidity control;
- (4) notify JCI immediately of any Covered Equipment malfunction, breakdown, or other condition affecting the operation of the Covered Equipment;
- (5) provide JCI with safe access to its Premises and Covered Equipment at all reasonable and necessary times for the performance of the Services;
- (6) allow JCI to start and stop, periodically turn off, or otherwise change or temporarily suspend equipment operations so that JCI can perform the Services required under this Agreement;
- (7) as applicable, provide proper condenser, cooling tower and boiler water treatment for the proper functioning of Covered Equipment and protect against any environmental issues and instances of biohazards such as but not limited to Legionella;
- (8) carefully and properly set and test the intrusion alarm system each night or at such other time as Customer shall close the Premises;
- (9) obtain all necessary licenses and permits required for and pay all taxes associated with the Services;
- (10) notify JCI immediately of any claimed inadequacy in, or failure of, the Covered Equipment or other condition affecting the operation of the Covered Equipment;
- (11) furnish any necessary 110 volt A/C power and electrical outlets at its expense;
- (12) properly maintain, repair, service, and assure the proper operation of any other property, system, equipment, or device of Customer or others to which the Covered Equipment may be attached or connected, in accordance with manufacturer recommendations, insurance carrier requirements, or the requirements of any fire rating bureau, agency, or other authorities having jurisdiction thereof;
- (13) not tamper with, alter, adjust, disturb, injure, remove, or otherwise interfere with any Covered Equipment (including any related software) and not permit the same to be done;
- (14) refrain from causing false alarms, and reimburse JCI for any fine, penalty, or fee paid by or assessed against JCI by any governmental or municipal agency as a result thereof;
- (15) be solely responsible for the establishment, operation, maintenance, access, security and other aspects of its computer network ("Network") and shall supply JCI secure Network access for providing its services. Products networked, connected to the internet, or otherwise connected to computers or other devices must be appropriately protected by Customer and/or end user against unauthorized access; and
- (16) take appropriate measures, including performing back-ups, to protect information, including without limit data, software, or files (collectively "Data") prior to receiving the service or products.

2. Customer acknowledges and understands that unless water treatment for biohazards (such as Legionella) is explicitly included in the services JCI is providing, it is Customer's responsibility to provide such treatment. Customer also acknowledges that its failure to meet the above obligations will relieve JCI of any responsibility for any Covered Equipment breakdown, or any necessary repair or replacement of any Covered Equipment. If Customer breaches any of these obligations, JCI shall have the right, upon written notice to Customer, to suspend its Services until Customer cures such breach. In addition, Customer shall be responsible for paying or reimbursing JCI for any costs associated with

corrective work required as a result of Customer's breach of these obligations.

G. INSURANCE

Customer is responsible for obtaining all insurance coverage that Customer believes is necessary to protect Customer, Customer's property, and persons in or on the Premises, including coverage for personal injury and property damage. THE PAYMENTS CUSTOMER MAKES UNDER THIS AGREEMENT ARE NOT RELATED TO THE VALUE OF THE PREMISES, CUSTOMER'S PROPERTY OR POSSESSIONS, OR THE PERSONS OCCUPYING OR AT ANY TIME PRESENT IN OR ON THE PREMISES, BUT RATHER ARE BASED ON THE COST OF THE SYSTEM AND THE SERVICES, AND TAKE INTO CONSIDERATION THE PROTECTION AFFORDED TO JCI UNDER THIS AGREEMENT. Customer hereby releases JCI from any liability for any event or condition customarily covered by commercial liability insurance. Customer understands that neither the Services nor the Covered Equipment are designed to reduce, but not eliminate, certain risks. JCI does not guaranty that neither the Services nor Covered Equipment will prevent personal injury, unauthorized entrances or fire and smoke damage to the Premises. Customer further agrees that Customer has read and understands the terms and conditions of this Agreement. JCI shall provide and maintain insurance in the following amounts, the cost of which shall be borne by JCI: (i) comprehensive general liability insurance - \$1,000,000 per occurrence and \$2,000,000 aggregate for bodily injury, personal injury, and property damage; (ii) workers' compensation insurance – statutory minimum; (iii) automobile liability -- \$1,000,000 per accident for bodily injury and property damage. JCI shall provide certificates of insurance within 7 days of this proposal with endorsements for CGL and Auto naming the Customer, its board members, employees, and agents as additional insureds.

H. INDEMNITY

JCI and Customer shall each indemnify the other party and its officers, agents, directors, and employees, from any and all damages, losses, costs and expenses (including reasonable attorneys' fees) arising out of third party claims, demands, or suits for bodily injury (including death) or damage to tangible property to the extent arising out of the negligence or intentional misconduct of the indemnifying party or its employees or agents. Customer expressly agrees that JCI shall be responsible for injury, damage, or loss only to the extent caused directly or indirectly by JCI's negligence or intentional misconduct. The obligations of JCI and Customer under this section are further subject to sections I and K below.

I. LIMITATION OF LIABILITY

TO THE MAXIMUM EXTENT PERMITTED BY LAW, IN NO EVENT SHALL JCI AND ITS AFFILIATES AND THEIR RESPECTIVE PERSONNEL, SUPPLIERS AND VENDORS ("JCI PARTIES") BE LIABLE TO YOU OR ANY THIRD PARTY UNDER ANY CAUSE OF ACTION OR THEORY OF LIABILITY EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, FOR ANY: (1) SPECIAL, INCIDENTAL, CONSEQUENTIAL, PUNITIVE, OR INDIRECT DAMAGES; (2) LOST PROFITS, REVENUES, DATA, CUSTOMER OPPORTUNITIES, BUSINESS, ANTICIPATED SAVINGS, OR GOODWILL; (3) BUSINESS INTERRUPTION; OR (4) DATA LOSS OR OTHER LOSSES ARISING FROM VIRUSES, RANSOMWARE, CYBER ATTACKS OR FAILURES OR INTERRUPTIONS TO NETWORK SYSTEMS. IN ANY CASE, THE ENTIRE AGGREGATE LIABILITY OF THE JCI PARTIES UNDER THIS AGREEMENT FOR ALL DAMAGES, LOSSES, AND CAUSES OF ACTION, WHETHER IN CONTRACT, TORT (INCLUDING NEGLIGENCE), OR OTHERWISE SHALL BE LIMITED TO \$2,000,000. CUSTOMER UNDERSTANDS THAT JCI IS NOT AN INSURER REGARDING THE WORK OR THE SERVICES. JCI SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE OR LOSS THAT MAY RESULT FROM FIRE SAFETY OR SECURITY EQUIPMENT THAT FAILS TO PERFORM PROPERLY OR FAILS TO PREVENT A CASUALTY OR LOSS.

J. FORCE MAJEURE

JCI shall not be liable, nor in breach or default of its obligations under this Agreement, for delays, interruption, failure to render services, or any other failure by JCI to perform an obligation under this Agreement, where such delay, interruption or failure is caused, in whole or in part, directly or indirectly, by a Force Majeure Event. A "Force Majeure Event" is a condition or event that is beyond the reasonable control of JCI, whether foreseeable or unforeseeable, including, without limitation, acts of God, severe weather (including but not limited to hurricanes, tornados, severe snowstorms or severe rainstorms), wildfires, floods, earthquakes, seismic disturbances, or other natural disasters, acts or omissions of any governmental authority (including change of any applicable law or regulation), epidemics, pandemics, disease, viruses, quarantines, or other public health risks and/or responses thereto, condemnation, strikes, lock-outs, labor disputes, an increase of 5% or more in tariffs or other excise taxes for materials to be used on the project, fires, explosions or other casualties, thefts, vandalism, civil disturbances, insurrection, mob violence, riots, war or other armed conflict (or the serious threat of same), acts of terrorism, electrical power outages, interruptions or degradations in telecommunications, computer, network, or electronic communications systems, data breach, cyber-attacks, ransomware, unavailability or shortage of parts, materials, supplies, or transportation, or any other cause or casualty beyond the reasonable control of JCI. If JCI's performance of the work is delayed, impacted, or prevented by a Force Majeure Event or its continued effects, JCI shall be excused from performance under the Agreement. Without limiting the generality of the foregoing, if JCI is delayed in achieving one or more of the scheduled milestones set forth in the Agreement due to a Force Majeure Event, JCI will be entitled to extend the relevant completion date by the amount of time that JCI was delayed as a result of the Force Majeure Event, plus such additional time as may be reasonably necessary to overcome the effect of the delay. To the extent that the Force Majeure Event directly or indirectly increases JCI's cost to perform the services, Customer is obligated to reimburse JCI for such increased costs, including, without limitation, costs incurred by JCI for additional labor, inventory storage, expedited shipping fees, trailer and equipment rental fees, subcontractor fees or other costs and expenses incurred by JCI in connection with the Force Majeure Event.

K. RESOLUTION OF DISPUTES

If a dispute arises under this Agreement, the parties shall promptly attempt in good faith to resolve such dispute by negotiation. In the event the dispute is unable to be resolved, either party shall have the right to file an action in the Circuit Court of Kane County, Illinois, and JCI hereby submits to the jurisdiction of that court. CUSTOMER MUST BRING ANY CLAIM AGAINST JCI WITHIN ONE (1) YEAR AFTER THE CLAIM AROSE. IF CUSTOMER DOES NOT, CUSTOMER WILL HAVE IRREVOCABLY WAIVED ITS RIGHT TO SUE JCI AND/OR INSTITUTE OTHER PROCEEDINGS, AND JCI SHALL HAVE NO LIABILITY TO CUSTOMER FOR SUCH CLAIM. TIME IS OF THE ESSENCE RELATIVE TO CUSTOMER PURSUING ANY SUCH CLAIM. THE PROVISIONS OF THIS AGREEMENT WHICH APPLY TO ANY CLAIM SHALL REMAIN IN EFFECT EVEN AFTER THE AGREEMENT IS TERMINATED. JCI AND CUSTOMER EACH WAIVE THEIR RIGHT TO A JURY TRIAL.

L. TERM AND TERMINATION

1. The Original Term is as set forth herein. At the conclusion of the Original Term, this Agreement shall automatically renew and extend for successive terms equal to the Original Term unless the Customer or JCI gives the other written notice it does not want to renew prior to the end of the then-current term (each a "Renewal Term"). The notice must be delivered at least thirty (30) days prior to the end of the Original Term or any Renewal Term. The Original Term and any Renewal Term may be referred to herein as the "Term." Customer agrees to issue and

send a Purchase Order to JCI at least thirty (30) days prior to expiration of the Original Term or any Renewal Term if necessary for payments to be processed, but failure to do so is not a pre-condition to Renewal Term payments being due to JCI

2. Remote Monitoring Services and Remote Operating Services may be immediately canceled by either party if JCI's Remote Operations Center, connecting wires, or monitoring systems are destroyed by fire or other catastrophe, or where the Premises are so substantially damaged that it is impractical to continue Services.

3. If either party fails to perform any of its material obligations under this Agreement, the other party shall provide written notice thereof to the party alleged to be in default. Should the party alleged to be in default fail to respond in writing or take action to cure the alleged default within ten (10) days of receiving such written notice, the notifying party may terminate this Agreement by providing written notice of such termination.

4. JCI may terminate this Agreement and discontinue any Services if JCI is unable to obtain or continue to support technologies, equipment or component parts that are discontinued, become obsolete or are otherwise not commercially available, or for convenience upon forty-five (45) days written notice. JCI will not be liable for any damages or subject to any penalty as a result of any such termination.

5. Upon termination of this Agreement for any reason, Customer shall pay to JCI all undisputed amounts owed through the date of termination within thirty (30) days of such termination. Customer shall provide JCI with reasonable access to the Premises to remove the Gateway Device and any other JCI property and to un-program any controls, intrusion, fire, or life safety system, as applicable. Customer shall be liable for all fees, costs, and expenses that JCI may incur in connection with the enforcement of this Agreement, including without limitation, reasonable attorney fees, collection agency fees, and court costs.

M. ASBESTOS, MOLD, BIOHAZARDS, AND HAZARDOUS MATERIALS

"Hazardous Materials" means any material or substance that, whether by its nature or use, is now or hereafter defined or regulated as a hazardous waste, hazardous substance, pollutant, or contaminant under any local, state, or federal law, regulation, or ordinance relating to or addressing public and employee health and safety and protection of the environment, or which is toxic, explosive, corrosive, flammable, radioactive, carcinogenic or otherwise hazardous or which is or contains petroleum, gasoline, diesel, fuel, another petroleum hydrocarbon product or polychlorinated biphenyls. "Hazardous Materials" specifically includes mold, lead-based paints, biohazards such as but not limited to Legionella and asbestos-containing materials ("ACM"). Neither Customer nor JCI desires to or is licensed to undertake direct obligations relating to the identification, abatement, cleanup, control, removal or disposal of ACM.

JCI will be responsible for removing or disposing of any Hazardous Materials that it uses in providing the Services ("JCI Hazardous Materials") and for the remediation of any areas affected by the release of JCI Hazardous Materials. For other Hazardous Materials that may be present at its facilities ("Non-JCI Hazardous Materials"), Customer shall supply JCI with any information in its possession relating to the presence of Hazardous Materials if their presence may affect JCI's performance of the Services. If either Customer or JCI becomes aware of or suspects the presence of Non-JCI Hazardous Materials that may interfere with JCI's Services, it shall immediately stop the Services in the affected area and notify the other party. As between Customer and JCI, Customer shall be responsible at its sole expense for removing and disposing of Non-JCI Hazardous Materials from its facilities and for the remediation of any areas impacted by the release of the Non-JCI Hazardous Materials and must provide a certificate of abatement before JCI will be obligated to perform or continue its Services, unless JCI had actual knowledge that Non-JCI Hazardous Materials were present and acted in disregard of that knowledge, in which case (i) JCI shall be responsible at its sole expense for the remediation of any areas impacted by its release of such Hazardous Materials, and (ii) Customer shall remain responsible at its sole expense for the removal of Hazardous Materials that have not been released and for releases not resulting from JCI's performance of the Services. Customer shall defend and indemnify JCI against any losses, costs, damages, expenses, and claims arising out of its failure to comply with this Section M.

N. CUSTOMER DATA

Customer data obtained from the Services is owned by and shall belong to Customer. JCI will access and use Customer data to provide Services to Customer. Except as set forth herein, JCI will not disclose to any third party any individual Customer data acquired through performance of the Services without Customer's consent. Customer agrees that JCI and its subsidiaries, affiliates and approved third party contractors and developers may collect and use Customer data for any reason, as long as any external use of the data is on a de-identified basis that does not personally identify Customer or any individual. Customer hereby grants JCI a perpetual, worldwide, irrevocable, royalty free license to use, modify, manipulate, sublicense, and create derivative works from such data. JCI shall retain all rights to any intellectual property, data, materials and products created as a result of its performance of Services.

O. JCI'S INTELLECTUAL PROPERTY

JCI shall retain all right, title and interest in any (a) work provided to Customer, including without limitation, all software source and object code, documentation, technical information or data, specifications and designs and any changes, improvements or modifications thereto ("Deliverables"), and (b) Know-How (defined below) employed by JCI in the creation of the Deliverables or performance of the Services, whether known to JCI prior to, or developed or discovered or acquired in connection with, the performance of its obligations under this agreement. Ownership of all Deliverables and Know-How shall vest solely in JCI and no Deliverables shall be deemed "works made for hire." Without limiting the generality of the foregoing, ownership of all source files used in the course of performing the Services shall remain the exclusive property of JCI. For purposes of this Agreement, "Know-How" means any know-how, processes, techniques, concepts, methodologies, tools, analytical approaches, database models and designs, discoveries, and ideas furnished, produced by, developed, or used by JCI in the creation or provision of the Deliverables or in the performance of the Services, and any changes, improvements, or modifications thereto or derivatives thereof.

P. DIGITAL ENABLED SERVICES

If JCI provides Digital Enabled Services under this Agreement, these Digital Enabled Services require the installation and deployment of site assessment tools and the collection, transfer and ingestion of building, equipment, system time series, and other data to JCI's cloud-hosted software applications. **Customer consents to the installation and deployment of site assessment tools and the collection, transfer and ingestion and use of Customer data by JCI to enable JCI to provide, maintain, protect and improve the Digital Enabled Services and JCI's products and services. Customer acknowledges that, while Digital Enabled Services generally improve equipment performance and services, Digital Enabled Services do**

not prevent all potential malfunction, insure against all loss, or guarantee a certain level of performance and that JCI shall not be responsible for any injury, loss, or damage caused by any act or omission of JCI related to or arising from the monitoring of the equipment under the Digital Enabled Services. Certain equipment sold hereunder includes by default JCI's Connected Equipment Services. **Digital Enabled Services may be on by default and the remote connection will continue to connect to Customer's Equipment through the full equipment lifecycle, unless Customer specifically requests in writing that JCI disable the remote connection or JCI discontinues or removes such remote connection.** If Customer's equipment includes Digital Enabled Services, JCI will provide a cellular modem or other gateway device ("Gateway Device") owned by JCI or Customer will supply a network connection suitable to establish a remote connection with Customer's applicable equipment to permit JCI to perform Digital Enabled Services. For certain subscriptions, Customer will be able to access equipment information from a mobile or smart device using Digital Enabled Service's mobile or web application. Any Gateway Devices provided hereunder shall remain JCI's property, and JCI may upon reasonable notice access and remove such Gateway Device and discontinue services in accordance with the Software Terms. If Customer does not permit JCI to connect via a connection validated by JCI for the equipment or the connection is disconnected by Customer, and a service representative must therefore be dispatched to the Customer site, then the Customer will pay JCI at JCI's then-current standard applicable contract regular time and/or overtime rate for services performed by the service representative.

Q. JCI DIGITAL SOLUTIONS

JCI Digital Solutions. Use, implementation, and deployment of the software and cloud-hosted software products ("Software") offered under these terms shall be subject to, and governed by, JCI's standard terms for such Software and Software related professional services in effect from time to time at <https://www.johnsoncontrols.com/techterms> (collectively, the "Software Terms"). Applicable Software Terms are incorporated herein by this reference. Other than the right to use the Software as set forth in the Software Terms, JCI and its licensors reserve all right, title, and interest (including all intellectual property rights) in and to the Software and improvements to the Software. The Software that is licensed hereunder is licensed subject to the Software Terms and not sold. If there is a conflict between the other terms herein and the Software Terms, the Software Terms shall take precedence and govern with respect to rights and responsibilities relating to the Software, its implementation and deployment and any improvements thereto. Notwithstanding any other provisions of this Agreement, unless otherwise set forth in the applicable order, quote, proposal or purchase documentation, the following terms apply to Software that is provided to Customer on a subscription basis (i.e., a time limited license or use right), (each a "Software Subscription"):

Each Software Subscription provided hereunder will commence on the date the initial credentials for the Software are made available (the "Subscription Start Date") and will continue in effect until the expiration of the subscription term noted in the applicable order, quote, proposal or purchase documentation. At the expiration of the Software Subscription, such Software Subscription will automatically renew for consecutive one (1) year terms (each a "Renewal Subscription Term"), unless either party provides the other party with a notice of non-renewal at least thirty (30) days prior to the expiration of the then-current term. To the extent permitted by applicable law, Software Subscriptions purchases are non-cancelable and the sums paid nonrefundable. Fees for Software Subscriptions shall be paid annually in advance, invoiced on the Subscription Start Date and each subsequent anniversary thereof. Customer shall pay all invoiced amounts within thirty calendar days after the date of invoice. Payments not made within such time period shall be subject to late charges as set forth in the Software Terms. Unless otherwise agreed by the parties in writing, the subscription fee for each Renewal Subscription Term will be priced at Johnson Controls' then-applicable list price for that Software offering. Any use of Software that exceeds the scope, metrics or volume set forth in this Agreement and applicable SOW will be subject to additional fees based on the date such excess use began.

R. Privacy.

1. JCI as Processor: Where JCI factually acts as Processor of Personal Data on behalf of Customer (as such terms are defined in the DPA) the terms at www.johnsoncontrols.com/dpa ("DPA") shall apply.

2. JCI as Controller: JCI will collect, process and transfer certain personal data of Customer and its personnel related to the business relationship between it and Customer (for example names, email addresses, telephone numbers) as controller and in accordance with JCI's Privacy Notice at <https://www.johnsoncontrols.com/privacy>. Customer acknowledges JCI's Privacy Notice and strictly to the extent consent is mandatorily required under applicable law, Customer consents to such collection, processing and transfer. To the extent consent to such collection, processing and transfer by JCI is mandatorily required from Customer's personnel under applicable law, Customer warrants and represents that it has obtained such consent

S. MISCELLANEOUS PROVISIONS

1. All notices required to be given hereunder shall be in writing and shall be considered properly given if: (a) delivered in person, (b) sent via the United States Postal Service, postage prepaid, registered or certified with return receipt requested, (c) sent by overnight delivery service (e.g., FedEx, UPS), or (d) sent by facsimile, email or other electronic means and confirmed by facsimile, return email or telephone.

2. This Agreement may not be assigned by Customer without JCI's prior written consent. JCI shall have the right to assign this Agreement to any other person, firm, or corporation without Customer's consent. JCI shall also have the right, in its sole discretion, to subcontract any portion of the Services. This Agreement inures to the benefit of and is applicable to any assignees or subcontractors of JCI, and is binding upon Customer with respect to said assignees or subcontractors with the same force and effect as it binds Customer to JCI.

3. This Agreement shall be subject to and governed by the laws of the State where the Services are performed.

4. If any provision of this Agreement is found to be invalid, illegal or unenforceable in any respect, the validity, legality and enforceability of the remaining provisions contained herein shall not in any way be affected or impaired thereby.

5. This Agreement is the entire contract between JCI and Customer and supersedes any prior oral understandings, written agreements, proposals, or other communications between the parties.

6. Customer acknowledges and agrees that any purchase order issued by Customer in connection with this Agreement is intended only to establish payment authority for Customer's internal accounting purposes and shall not be considered to be a counteroffer, amendment, modification, or other revision to the terms of this Agreement. No term or condition included or referenced in Customer's purchase order will have any force or effect and these terms and conditions shall control. Customer's acceptance of any Services shall constitute an acceptance of these terms and conditions. Any proposal for additional or different terms, whether in Customer's purchase order or any other document, unless expressly accepted in writing by JCI, is hereby objected to and rejected.

7. JCI expressly disclaims any requirement, understanding or agreement, express or implied, included directly or incorporated by reference, in any Customer purchase order, solicitation, notice or otherwise, that any of JCI's personnel be vaccinated against Covid-19 under any federal, state/provincial or local law, regulation or order applicable to government contracts or subcontracts, including, without limitation, Presidential Executive Order 14042 ("Ensuring Adequate COVID Safety Protocols for Federal Contractors") and Federal Acquisition Regulation (FAR) 52.223-99 ("Ensuring Adequate COVID Safety Protocols for Federal Contractors"). Any such requirement shall only apply to JCI's personnel if and only to the extent contained in a written agreement physically signed by an authorized officer of JCI.

8. If there are any changes to Customer's facilities or operations, or to applicable regulations, laws, codes, taxes, or utility charges, that materially affect JCI's performance of the Services or its pricing thereof, JCI shall have the right to an equitable and appropriate adjustment to the scope, pricing, and other affected terms of this Agreement.

9. No claim or cause of action, whether known or unknown, shall be brought against JCI more than one year after the claim first arose. Except as provided for herein, JCI's claims must also be brought within one year. Claims for unpaid contract amounts are not subject to the one-year limitation.

10. JCI shall obtain fingerprint-based criminal background investigations of any employees who are or will be performing work on school district property or in school district buildings in order to ascertain whether such employees have been convicted of any of the offenses enumerated in 105 ILCS 5/10-21.9. Such criminal background checks will be performed at JCI's expense through the Regional Office of Education. Customer reserves the right to conduct or direct JCI to conduct a check of the Illinois Statewide Sex Offender Database as to all persons working on any school district property or buildings. Should any of JCI's employees be identified as a sex offender, JCI shall remove those persons from the project immediately. The costs related to such removal and substitution of personnel shall be borne solely by JCI. JCI acknowledges that, pursuant to the Illinois Criminal Code (720 ILCS 5/11-9.3), it is unlawful for a child sex offender to knowingly be present on school property when persons under the age of 18 are present without the specific notification to and permission of the Superintendent of Schools or the Board of Education. JCI shall ascertain that its employees are notified of this law and that said employees are directed to notify JCI if they have been charged with or convicted of a sex offense restricting their presence on school property. JCI will then provide appropriate and immediate notification to Customer.

ADDENDUM TO PSA TERMS AND CONDITIONS FOR MONITORING OF INTRUSION, FIRE AND OTHER SAFETY SYSTEMS

If Remote Monitoring Services explicitly includes remote fire alarm monitoring, security alarm monitoring or video monitoring in the scope of work or customer charges, the Agreement is hereby modified and amended to include the terms and provisions of this Addendum to the PSA for Monitoring of Intrusion, Fire and Safety Systems (the "Addendum"). Capitalized terms that are not defined herein, shall have the meaning given to them in the Agreement. In the event of a conflict between the terms and conditions of this Addendum and those appearing in the Agreement, the terms and conditions of this Addendum shall prevail.

1. Remote Monitoring of Alarm Signals. If JCI receives an emergency alarm signal at JCI's ROC, JCI shall endeavor to notify the appropriate police or fire department, or other emergency response agency having jurisdiction and JCI shall endeavor to notify Customer or its designated representative by email unless instructed to do otherwise by Customer in writing and/or based on standard operating procedures for the ROC. JCI, upon receipt of a non-emergency signal from the Premises, shall endeavor to notify Customer's representative pursuant to Customer's written instructions, defaulting to email or text notification. Customer acknowledges that if the signals transmitted from the Premises will be monitored in a monitoring facility not operated by JCI, the personnel in such monitoring facilities are not the agents of JCI, nor does JCI assume any responsibility for the manner in which such signals are monitored or the response to such signal.

2. Remote Monitoring Services Pricing. Remote Monitoring Services shall be provided by JCI if the Agreement includes a charge for such Service. If such Service is purchased, JCI will monitor the number of alarms for the Premises and the initial charge is based on the pricing agreed to by the parties, subject to the terms and conditions of this Addendum. If the number of alarms produced at the Premises goes beyond the contracted number of alarms in a month, Customer will be billed an overage fee.

3. Communications Media. Customer acknowledges that monitoring of Covered Equipment requires transmission of signals over standard telephone lines and/or the Internet and that these modes of transmission may be interrupted, circumvented, or compromised, in which case no signal can be transmitted from the Premises to the monitoring facility. Customer understands that to allow the monitoring facility to be aware of such a condition, additional or alternative protection can be installed, such as line security devices, at Customer's cost and expense and for transmission via telephone line only. Customer acknowledges it is aware that line security devices are available and, unless expressly identified in Schedule A - Equipment List, has declined to purchase such devices. Customer further acknowledges that such additional protection is not available for Internet transmission under this Agreement.

4. False/Unnecessary Alarms; Service Calls. At JCI's option, an additional fee may be charged for any false alarm or unnecessary Service Visit caused or necessitated by Customer. In addition, Customer shall be fully responsible and liable for fines, penalties, assessments, taxes, fees or charges imposed by a governmental body, telephone, communication, or signal transmission company as the result of any false alarm and shall reimburse JCI for any costs incurred by JCI in connection therewith. Customer shall operate the system carefully so as to avoid causing false alarms. False alarms can be caused by severe weather or other forces beyond the control of JCI. If an undue number of false alarms are received by JCI, in addition to any other available remedies available to JCI, JCI may terminate this Agreement and discontinue any Service(s) and seek to recover

damages. If an agent is dispatched, by a governmental authority or otherwise, to respond to a false alarm, where the Customer, or any other party has intentionally, accidentally or negligently activated the alarm signal, Customer shall be responsible for and pay any and all fees and/or fines assessed with respect to the false alarms and pay to JCI the additional charges and costs incurred by it from a false alarm. If the Customer's system has a local audible device, Customer authorizes JCI to enter the Premises to turn off the audible device if JCI is requested or ordered to do so by governmental authorities, neighbors or anyone else and Customer will pay JCI its standard service call charge for each such visit. Police agencies require repair of systems which cause false dispatches. Customer shall maintain the equipment necessary for JCI to supply the Services and Customer shall pay all costs for such maintenance. At least monthly, Customer will test the system's protective devices and send test signals to the ROC for all monitoring equipment in accordance with instructions from JCI or the ROC. Customer agrees to test the monitoring systems, including testing any ultrasonic, microwave, infrared, capacitance or other electronic equipment prior to the end of each month and will immediately report to JCI if the equipment fails to respond to the test. Customer shall make any necessary repairs as soon after receipt of notice as is reasonably practical. Customer shall at all times be solely responsible for maintaining any sprinkler system in good working order and provide adequate heat to the Premises.

5. Remote Monitoring of Video Monitoring Services. During the Term, JCI's sole and only obligation arising from the inclusion of Video Monitoring Services in any Service offering shall be to monitor the digital signals actually received by JCI at its ROC from means of the Video System and upon receipt of a digital signal indicating that an alarm condition exists, to endeavor, as permitted by law, to notify the police or other municipal authority deemed appropriate in JCI's absolute discretion and to such persons Customer has designated in writing to JCI to receive notification of such alarm condition as set forth herein. No alarm installation, repair, maintenance or guard responses will be provided under this Video Monitoring Services option. JCI may, without prior notice to Customer, in response to applicable law or insurance requirements, revise, replace, discontinue and/or rescind its response policies and procedures.

a. Inception and conclusion of service. Video Monitoring shall be provided by JCI if this Agreement includes a charge for Video Monitoring Services. If such Video Monitoring Service is purchased, Video Monitoring Services will begin when the Video System is installed and operational, and when the necessary communications connection is completed. No obligation for the provision of this Video Monitoring Service will commence until these requirements are met.

b. Customer Equipment. Customer shall obtain, at its own cost and expense: (a) the equipment necessary to connect to JCI's ROC; and (b) whatever permission, permits or licenses that may be necessary from all persons, governmental authorities, utility, and any other related service providers in connection with the Services. The video system to be used by the Customer is intended to produce and transmit video images (the "Video System Images") of the Premises to the ROC (the "Video System"). JCI makes no promise, warranty or representation that the video system will operate as intended. Customer further agrees that, notwithstanding any role or participation by JCI in Video System and Video System Images, JCI shall have no responsibility or obligation with regard to Customer, the Video System or any other Customer equipment.

c. System Location. The Video System related cameras shall be located and positioned by Customer along with attendant burglary digital alarm signal(s). Customer shall ensure that the Video System related cameras will be positioned and located such that it will only produce or capture Video System Images of areas of the Premises. Customer will provide adequate illumination under all operating conditions for the proper viewing of the cameras. Customer acknowledges and agrees that JCI has exercised no control over, or participated in locating or positioning the Video System related camera including, but not limited to selecting what areas, locations, things or persons that the Video System Images may depict or capture.

d. Images. Customer shall be solely responsible for the Video System Images produced or captured by the Video System and Customer shall defend, indemnify and hold harmless JCI and its officers, agents, directors, and employees, from any and all damages, losses, costs and expenses (including reasonable attorneys' fees) arising out of third party claims, demands, or suits in connection with the use, operation, location and position of the Video System, and the Video System Images resulting there from, including, but not limited to, any claims of any person depicted in a Video System image, including but not limited to, any claim by such person that his or her privacy has been invaded or intruded upon or his or her likeness has been misappropriated. Any duty to obtain the consent or permission of any person depicted in a Video System Image to have his or her likeness to be depicted, received, transmitted or otherwise used, and the duty to determine and comply with any and all applicable laws, regulations, standards and other obligations that govern the legal, proper and ethical use of video capturing devices, such as the Video System, including, but not limited to, notification that the Video System is in use at the Premises, shall be the sole responsibility of the Customer. JCI agrees to make Video System Images available to Customer and upon their respective request. JCI makes no promise, warranty or representation as to the length of time that it retains Video Images, or the quality thereof.

e. Video System Signals. When a signal from the Video System is received, JCI reserves the right to verify all alarm signals before notifying emergency personnel, and may choose not to notify emergency personnel if it has reason to believe, in its sole discretion, that an emergency condition does not exist. JCI will first attempt to verify the nature of the emergency by using visual verification and/or the two-way voice system (if applicable) of the Video System included in Customer's system. If JCI determines that an emergency condition exists, JCI will endeavor to notify the proper police or emergency contact on a notification call list provided in writing by Customer to JCI, or its designee. When a non-emergency signal is received, JCI will attempt to contact the first available Customer representative on the notification call list but will not notify emergency authorities, this notification will be in the form of email or text and follow ROC processes. If the customer requires phone calls to the call list for any emergency or non-emergency situation, the customer will need to make this request in writing. Customer authorizes and directs JCI, as its agent, to use its full discretion in causing the arrest or detention of any person or persons on or around the premises who are not authorized by Customer. **JCI WILL NOT ARREST OR DETAIN ANY PERSON.**

f. Recordings. Customer consents to the tape recording of all telephonic communications between the Premises and JCI. JCI will have no liability arising from recording (or failure to record) or publication of any two-way voice communications, other video recordings or their quality. JCI shall have no liability in connection with Video System or the Video System Images, including, but not limited to, any failure, omission, negligence or other act by JCI, or any of its officers, employees, representatives, agents, contractors, or any other third party in connection with the receipt (or failure of receipt), transmission, reading, interpreting, or response to any Video Image.

6. Risk of Loss is Customer's. JCI does not represent or warrant that the Services will prevent any loss by burglary, holdup, fire or otherwise, or that the Services will in all cases provide the protection for which it is installed or intended, or that the Services will be uninterrupted or error-free. Customer assumes all risk of loss or damage to the Premises being monitored and to its contents, whether belonging to Customer or others; and has not relied on any representations and warranties of JCI, express or implied, except as specifically set forth in this Agreement. Further, expressly excluded from this Agreement are the warranties of merchantability or fitness or suitability for a particular purpose.

7. JCI'S RECEIPT OF ALARM SIGNALS, ELECTRONIC DATA, VOICE DATA OR IMAGES (COLLECTIVELY, "ALARM SIGNALS") FROM THE EQUIPMENT OR SYSTEM INSTALLED IN THE PREMISES IS DEPENDENT UPON PROPER TRANSMISSION OF SUCH ALARM SIGNALS. JCI'S ROC CANNOT RECEIVE ALARM SIGNALS WHEN THE CUSTOMER'S TELCO SERVICE OR OTHER TRANSMISSION MODE IS NOT OPERATING OR HAS BEEN CUT, INTERFERED WITH, OR IS OTHERWISE DAMAGED, OR IF THE ALARM SYSTEM IS UNABLE TO ACQUIRE, TRANSMIT OR MAINTAIN AN ALARM SIGNAL OVER CUSTOMER'S TELCO SERVICE OR TRANSMISSION MODE FOR ANY REASON INCLUDING BUT NOT LIMITED TO NETWORK OUTAGE OR OTHER NETWORK PROBLEMS SUCH AS CONGESTION OR DOWNTIME, ROUTING PROBLEMS, OR INSTABILITY OF SIGNAL QUALITY. CUSTOMER UNDERSTANDS THAT SIGNAL TRANSMISSION FAILURE MAY OCCUR OVER CERTAIN TYPES OF TELCO SERVICES SUCH AS SOME TYPES OF DSL, ADSL, VOIP, DIGITAL PHONE, INTERNET PROTOCOL BASED PHONE OR OTHER INTERNET INTERFACE-TYPE SERVICE OR RADIO SERVICE, INCLUDING CELLULAR, WIRELESS OR PRIVATE RADIO, OR CUSTOMER'S PROPRIETARY TELCOMMUNICATION NETWORK, INTRANET OR IP-PBX, OR OTHER THIRD-PARTY EQUIPMENT OR VOICE/DATA TRANSMISSION NETWORKS OR SYSTEMS OWNED, MAINTAINED OR SERVICED BY CUSTOMER OR THIRD PARTIES, IF: (1) THERE IS A LOSS OF NORMAL ELECTRIC POWER TO THE MONITORED PREMISES OCCURS (THE BATTERY BACK-UP FOR JCI'S ALARM PANEL DOES NOT POWER CUSTOMER'S COMMUNICATION FACILITIES OR TELCO SERVICE); OR (2) ELECTRONIC COMPONENTS SUCH AS MODEMS MALFUNCTION OR FAIL. CUSTOMER UNDERSTANDS THAT JCI WILL ONLY REVIEW THE INITIAL COMPATIBILITY OF THE ALARM SYSTEM WITH CUSTOMER'S TELCO SERVICE AT THE TIME OF INITIAL INSTALLATION OF THE ALARM SYSTEM AND THAT CHANGES IN THE TELCO SERVICE'S DATA FORMAT AFTER JCI'S INITIAL REVIEW OF COMPATIBILITY COULD MAKE THE TELCO SERVICE UNABLE TO TRANSMIT ALARM SIGNALS TO JCI'S ROC. IF JCI DETERMINES IN ITS SOLE DISCRETION THAT CUSTOMER'S TELCO SERVICE IS COMPATIBLE, JCI WILL PERMIT CUSTOMER TO USE ITS TELCO SERVICE AS THE PRIMARY METHOD OF TRANSMITTING ALARM SIGNALS, ALTHOUGH CUSTOMER UNDERSTANDS THAT JCI RECOMMENDS THAT CUSTOMER ALSO USE AN ADDITIONAL BACK-UP METHOD OF COMMUNICATION TO CONNECT CUSTOMER'S ALARM SYSTEM TO JCI'S ROC REGARDLESS OF THE TYPE OF TELCO SERVICE USED. CUSTOMER ALSO UNDERSTANDS THAT IF JCI DETERMINES IN ITS SOLE DISCRETION THAT CUSTOMER'S TELCO SERVICE IS, OR LATER BECOMES, NON-COMPATIBLE, OR IF CUSTOMER CHANGES TO ANOTHER TELCO SERVICE THAT IS NOT COMPATIBLE, THEN JCI WILL REQUIRE THAT CUSTOMER USE AN ALTERNATE METHOD OF COMMUNICATION ACCEPTABLE TO JCI AS THE PRIMARY METHOD TO CONNECT CUSTOMER'S ALARM SYSTEM TO JCI'S ROC. JCI WILL NOT PROVIDE FIRE OR SMOKE ALARM MONITORING FOR CUSTOMER BY MEANS OTHER THAN AN APPROVED TELCO SERVICE AND CUSTOMER UNDERSTANDS THAT IT IS SOLELY RESPONSIBLE FOR ASSURING THAT IT USES APPROVED TELCO SERVICE FOR ANY SUCH MONITORING AND THAT IT COMPLIES WITH NATIONAL FIRE ALARM STANDARDS AND LOCAL FIRE CODES. CUSTOMER ALSO UNDERSTANDS THAT IF CUSTOMER'S ALARM SYSTEM HAS A LINE CUT FEATURE, IT MAY NOT BE ABLE TO DETECT ALARM SIGNALS IF THE TELCO SERVICE IS INTERRUPTED, AND THAT JCI MAY NOT BE ABLE TO DOWNLOAD SYSTEM CHANGES REMOTELY OR PROVIDE CERTAIN AUXILIARY MONITORING SERVICES THROUGH A NON-APPROVED TELCO SERVICE. CUSTOMER ACKNOWLEDGES THAT ANY DECISION TO USE A NON-APPROVED TELCO SERVICE AS THE METHOD FOR TRANSMITTING ALARM SIGNALS IS BASED ON CUSTOMER'S OWN INDEPENDENT BUSINESS JUDGMENT AND THAT ANY SUCH DECISION IS MADE WITHOUT ANY ASSISTANCE, INVOLVEMENT, INPUT, RECOMMENDATION, OR ENDORSEMENT ON THE PART OF JCI. CUSTOMER ASSUMES SOLE AND COMPLETE RESPONSIBILITY FOR ESTABLISHING AND MAINTAINING ACCESS TO AND USE OF THE NON-APPROVED TELCO SERVICE FOR CONNECTION TO THE ALARM MONITORING EQUIPMENT. CUSTOMER FURTHER UNDERSTANDS THAT THE ALARM SYSTEM MAY BE UNABLE TO SEIZE THE TELCO SERVICE TO TRANSMIT AN ALARM SIGNAL IF ANOTHER CONNECTION HAS DISABLED, IS INTERFERING WITH, OR BLOCKING THE CONNECTION.

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