




ERIE COUNTY WATER AUTHORITY
INTEROFFICE MEMORANDUM

February 5, 2025

To: Terrence D. McCracken, Secretary to the Authority

From: Michael J. Quinn, PE, Director of Distribution 

Subject: 2025 Capital Budget Amendment and Budget Transfer
Van de Water WTP Boiler Replacement

The existing boiler unit at the Van de Water WTP is in need of replacement. The replacement was not identified until after the development of the 2025 capital budget and therefore a new budget item is needed to purchase and install the new boiler system.

The Production Department is requesting the creation of a new Capital Budget Item and the transfer of funds from the following budget line:

Department: 100 - Production
Unit: 1015 – Van de Water Plant
Item: 101798 – Filter 2 Valve and Actuator Replacement

The funds are available in the above-referenced project due to delays in advertising the project for bids and the long lead times for procurement and delivery of much of the required equipment and materials.

Attached find a price quote for the work. A total of \$150,000 is being requested to be transferred to account for any unforeseen additional costs.

MJQ:jmf
cc: L.Kowalski, PE
P.Miklos
VAWA-099-2501

ERIE COUNTY WATER AUTHORITY
AUTHORIZATION FORM
For Approval/Execution of Documents
(check which apply)

Contract: _____ **Project No.:** 202500032
Project Description: 2025 Capital Budget Amendment (see attached)
Unit 1015 Van de Water WTP Boiler Replacement.

Item Description:

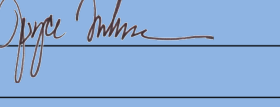
<input type="checkbox"/> Agreement	<input type="checkbox"/> Professional Service Contract	<input checked="" type="checkbox"/> Amendment	<input type="checkbox"/> Change Order
<input type="checkbox"/> BCD	<input type="checkbox"/> NYSDOT Agreement	<input type="checkbox"/> Contract Documents	<input type="checkbox"/> Addendum
<input type="checkbox"/> Recommendation for Award of Contract	<input type="checkbox"/> Recommendation to Reject Bids		
<input type="checkbox"/> Request for Proposals			
<input type="checkbox"/> Other _____			

Action Requested:

<input checked="" type="checkbox"/> Board Authorization to Execute	<input type="checkbox"/> Legal Approval
<input type="checkbox"/> Board Authorization to Award	<input type="checkbox"/> Execution by the Chairman
<input type="checkbox"/> Board Authorization to Advertise for Bids	<input type="checkbox"/> Execution by the Secretary to the Authority
<input type="checkbox"/> Board Authorization to Solicit Request for Proposals	
<input type="checkbox"/> Other _____	

Approvals Needed:

APPROVED AS TO CONTENT:

<input checked="" type="checkbox"/> Director of Distribution		Date: <u>2/6/2025</u>
<input checked="" type="checkbox"/> Chief Operating Officer		Date: <u>02/06/2025</u>
<input checked="" type="checkbox"/> Executive Engineer		Date: <u>2/10/2025</u>
<input type="checkbox"/> Director of Administration	_____	Date: _____
<input type="checkbox"/> Risk Manager	_____	Date: _____
<input checked="" type="checkbox"/> Chief Financial Officer		Date: <u>02/06/2025</u>
<input type="checkbox"/> Legal	_____	Date: _____

APPROVED FOR BOARD RESOLUTION:

<input checked="" type="checkbox"/> Secretary to the Authority		Date: <u>02/10/2025</u>
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Remarks: _____

Resolution Date: _____ **Item No:** _____

Budget Transfer Authorization

Budget Transfer No: _____

Date: February 4, 2025

Transfer From:

Unit	Dept	Capital / O&M Item No.	Description	Amount
1015	100	101798	Filter 2 Valve and Actuator Replacement	\$150,000

Transfer To:

Unit	Dept	Capital / O&M Item No.	Description	Amount
1015	100	101809	Van de Water WTP Boiler Replacement	\$150,000

Statement as to Necessity of Budget Transfer:

The existing boiler unit at the Van de Water WTP is in need of replacement. A new budget item is needed to purchase and install the new boiler system. The funds are available in Budget Item 101798 due to delays in advertising the project for bids and long lead times for equipment and materials.

Required Approvals*

Unit Head: Paul Miklos 2/06/2025

Dept. Head: Jenard F. Koralak 2/6/2025

Business Office Manager: Steven V. Dennis 2/6/2025

Executive Engineer: Jenard F. Koralak 2/6/2025

Comptroller: Jessica R. Braun 2/6/25

Chief Financial Officer: Oppe J. [Signature] 02/06/2025

Chief Operating Officer: [Signature] 02/06/2025

Board Resolution Date: _____

* See Back of Form for "Outline of Approvals Required for Budget Transfers", Schedule A and "Approvals Required for Creation of New Budget Items", Schedule B

ERIE COUNTY WATER AUTHORITY

Schedule "A"

Outline of Approvals Required for Budget Transfers

<u>If the Budget Transfer is:</u>	<u>Necessary Approvals:</u>							
	<u>Unit Head</u>	<u>Department Head</u>	<u>Budget/Financial Analyst</u>	<u>Executive Engineer</u>	<u>Comptroller</u>	<u>Deputy Director</u>	<u>Executive Director</u>	<u>ECWA Board</u>
Transfer of up to \$75,000 (\$100,000 in Capital) Within the Same Unit	X	X	X					
Transfer of up to \$75,000 (\$100,000 in Capital) Between Units in Same Dept								
Units in Production Department	X	X	X	X				
Units in Distribution Department	X	X	X	X				
Units In Engineering Department	X	X	X	X				
Water Quality Unit	X	X	X	X				
Transfer of up to \$75,000 (\$100,000 in Capital) Between Units in Same Dept:								
Administrative Departments	X	X	X		X			
Transfer of up to \$75,000 (\$100,000 in Capital) Between Depts	X	X	X	X	X	X	X	
Excess of \$75,000 (\$100,000 in Capital)	X	X	X	X	X	X	X	X

Schedule "B"

Approvals Required for Creation of New Budget Items:

<u>If the New Budget Item is:</u>	<u>Necessary Approvals:</u>							
	<u>Unit Head</u>	<u>Department Head</u>	<u>Budget/Financial Analyst</u>	<u>Executive Engineer</u>	<u>Comptroller</u>	<u>Deputy Director</u>	<u>Executive Director</u>	<u>ECWA Board</u>
Under \$10,000	X	X	X	X	X	X	X	
\$10,000 and over	X	X	X	X	X	X	X	X



ECWA-Van De Water Boiler
Quote Prepared by Geoffrey Moss
12/17/2024



PROPOSAL

Account Information

Bill To:	ERIE COUNTY WATER AUTHORITY 350 ELLICOTT SQUARE BUFFALO NY USA 14203
Quote Reference Number:	1-1PYRD4PR
Project Name:	ECWA-Van De Water Boiler
Site:	ERIE COUNTY WATER 3030 UNION RD CHEEKTOWAGA NY 14227-1016
Branch Info:	JOHNSON CONTROLS BUFFALO NY CB - 0N68
Attn:	Kim Bowers

Customer Information

Name: Kim Bowers

This proposal is hereby accepted and Johnson Controls is authorized to proceed with the work, subject to credit approval By Johnson Controls, Inc. Milwaukee, WI.
We propose to furnish the materials and/or perform the work below for the net price of: \$129,526.00

This proposal is valid through: 01/16/2025

ERIE COUNTY WATER AUTHORITY

Signature: _____
 Name: _____
 Title: _____
 Date: _____
 PO: _____

Johnson Controls Inc.

Signature: _____
 Name: _____
 Title: _____
 Date: _____



Proposal Overview

Benefits/Scope of Work:

Watertube Boiler Model: FLX-JT-700-250-160HW
Project Market: United States
Boiler Capacity (Input) at 1000 ft: 2500MBTU (Output: 2000MBTU)
Application Environment: Indoor - Typical Boiler Room
Project NEMA Rating: NEMA 1
Boiler Tube Wall Thickness: 0.095in
Fuel: Natural Gas
Design Pressure: 160lb HW
Water Mixture: 100% Water
Boiler Supply Temperature: 180 F
Boiler Return Temperature: 155 F
Operating Pressure: 50 psig
Safety Valve Setting: 125lb
Safety Valve Relieving Requirement: Full Capacity
Safety Valve Relieving Capacity: 2949 MBtu/Hr
Voltage: 460/3/60
Customer Site Voltage: 460 V
Electrical Panel
Configuration:Control Panel /
Entrance Panel
Insurance Requirement: CSD-1
Packaged Boiler UL Label: UL

V Burner Information:

Hinged: Open to Right
Burner Modulation: Full Modulation
Blower Motor: Blower Motor: 0.75 HP TEFC (460/3/60)
Blower Motor Starter: IEC
Altitude: 1000 ft ASL
Burner Input Capacity: 2500 MBTU
Gas (Natural Gas) Emissions Level: Uncontrolled
Gas (NG) CO Emissions Level: 150 ppm
Minimum Gas Flow: 250 SCFH
Maximum Gas Flow: 2500 SCFH
Burner Gas Turndown: 10 : 1
Burner Modulation: Full Modulation
Burner Ignition Type: Spark Ignited Gas
Burner Mounting Plate Included
Economizer included Separately with Boiler Package: No
Kunkle Safety Valve Arrangement (125lb HW):
Safety Valve #1: Inlet Size - 3/4in (Full Capacity)
See product specific boiler book for outlet sizes

Boiler Pressure Vessel Package:

Hot Water Pressure Vessel Connections:

Stack Connection: 10in Flanged
Supply Connection: 3in Flanged 150lb. F.F.
Return Connection: 3in Flanged 150lb. F.F.
Air Vent Connection: 1in NPT
Drain Connection: 1.5in NPT (Front)

Boiler Valves and Piping Arrangement :

Drain Valve Arrangement - Shipped Loose:

Drain Valve: Gate 1.5in NPT Class 125

Level Control Package :

Main Low Water Cutoff :

Main Low Water Cutoff: McD-M 750 Manual Reset On/Off Internal Probe

Auxiliary Low Water Cutoff:

Auxiliary Low Water Cutoff (ALWCO): MCDM750 Manual Reset Internal Probe

Miscellaneous Trim Options Package:

3.5in Dial 0-300 psig Pressure Gauge
3.5in Dial 30-300 F Supply Water Thermometer

Fuel Train Package for 700 Series:

Primary Gas Train for Natural Gas:

Nema Rating: NEMA 1
Piping Material: Carbon Steel
Primary Gas Train Mounting Location: Right Side
Customer Site Gas Pressure: 14 in. w.c. (0.51 psig)
Components from Customer Connection to Burner:
Manual Valve #1: 1.5in Lubricated
GPR Configuration: RV 1.5 (Standard Trim)
Safety Shutoff Valves: Honeywell Dual_Motorized_1_POC
SSOV #2: 2.5in
Manual Valve #2: 2.5in Lubricated
Butterfly Valve: 1.5in
Customer Connection: 1.5in

Primary Gas Train Accessories:

High Gas Pressure Switch

Low Gas Pressure Switch

Plugged Leakage Test Cock: 0.25in Brass Ball

2.5in Steel Pressure Gauges with Bronze Shutoff Cocks at the Following Locations: Manifold Inlet/Regulator Outlet

Natural Gas Pilot Gas Train Accessories:

Natural Gas Customer Inlet Gas Pressure (in. w.c.): 14 in. w.c.

Natural Gas Gas Pressure Regulator: Maxitrol 325-3

Manual Shutoff Cock: Bronze

Solenoid Valve: Aluminum Body

Boiler Controls Package:

Standard Non-Parallel Positioning Controls:

Modulating Control: Transmitter (Temperature)

Operating Temperature Limit Control

High Limit Control: Hot Water

Parallel Positioning Controls: LMV-3

LMV-3 Actuator Package :

Primary Fuel Actuator

Air Actuator

Built into Parallel Positioning Control Combustion Flame Safeguard:

Burner Control Accessories:

Lead Lag Remote Local Switch (Remote Firing Rate Signal: 4-20 mA Signal) (QTY:1)

Remote Start Stop with Assured Low Fire Shutdown

Miscellaneous Control Options:

System Pump Interlock: Terminals Only

Remote Emergency Shutoff: Terminals Only

Fresh Air Damper Interlock: Terminals Only

Boiler Electrical Package:

Main Power Distribution Type - Rotary UnFused Disconnect: Amps:30

Blower Motor Starter: IEC

Individual Power Distribution Type - Fuse Package Mounted in Control/Entrance Panel:

CCT Protection: 1.6 Amp Fuse (Qty:3)

Blower Motor Protection: 4 Amp Fuse (Qty:3)

Boiler Panel Configuration And Panel Accessories:

Burner Mounted Control / Burner Panel Enclosure Configuration NEMA 1 with Panel Accessories:

Electronic Sounder Audible Alarm

Alarm Silence Switch

Common All Function Alarm

Single Point Connection: - 460/3/60

Circuit Wire: 16 AWG

Right Side Mounted Entrance Panel NEMA 1 Enclosure (Control Interface Connection / Power Connection)

Boiler Panels Individually Labeled with UL508a Stamps:

Control Panel

Entrance Panel

22 mm LED Light Package with Standard Labels Mounted on Control/Burner Panel:

Green Fuel Valve Light

Red Flame Failure Light

Red Low Water Light

White Load Demand Light

White Power On Light

Exclusions:

- 1.Labor or material not specifically described above is excluded from this proposal.
- 2.Unless otherwise stated, any and all overtime labor is excluded from this proposal.
- 3.Applicable taxes or special freight charges are excluded from this proposal

CUSTOMER ACCEPTANCE:

In accepting this Agreement, Customer agrees to the terms and conditions contained herein including those on the following page(s) of this Agreement and any attachments or riders attached hereto that contain additional terms and conditions. It is understood that these terms and conditions shall prevail over any variation in terms and conditions on any purchase order or other document that Customer may issue. Any changes requested by Customer after the execution of this Agreement shall be paid for by the Customer and such changes shall be authorized in writing. **ATTENTION IS DIRECTED TO THE LIMITATION OF LIABILITY, WARRANTY, INDEMNITY AND OTHER CONDITIONS CONTAINED IN THIS AGREEMENT.**

Total sell price is contingent upon the following billing and payment terms: For most Agreements where the proposal amount exceeds \$5,000 (USD or CAD as applicable), Customer agrees to pay Johnson Controls an upfront deposit of 30% or more due NET 30 from date of invoice. Alternatively, for Agreements where the proposal price exceeds \$5,000 Customer may pay Johnson Controls in full NET 10 from date of invoice in exchange for an immediate 2% discount on the total sale price. Johnson Controls is not required to commence work until any agreed to advance payments are received. If Customer is unwilling to agree to either option above for proposals exceeding \$5,000 (if presented), please advise your Johnson Controls representative immediately and a new, repriced proposal will need to be issued to Customer. All invoices will be delivered via email and paid via ACH/EFT bank transfer, with payment due NET 30 (unless Customer has made full payment NET 10 in exchange for a 2% discount). Johnson Controls' ACH/EFT bank transfer details will be forth coming upon contractual agreement.

This offer shall be void if not accepted in writing within thirty (30) days from the date first set forth above.

To ensure that Seller is compliant with your company's billing requirements, please provide the following information:

PO is required to facilitate billing: NO: This signed contract satisfies requirement
 YES: Please reference this PO Number: _____

AR Invoices are accepted via e-mail: YES: E-mail address to be used: _____
 NO: Please submit invoices via mail NO: Please submit via _____

(IMPORTANT): "JCI" or "Johnson Controls" shall mean Johnson Controls, Inc. for work performed in the U.S.A. and Johnson Controls Canada LP for work performed in Canada. These terms and conditions are an integral part of JCI's offer and form the basis of any agreement (the "Agreement") resulting from JCI's proposal for the goods and/or services described. All work is to be performed Monday through Friday during normal JCI business hours unless otherwise noted, and JCI is authorized to proceed with the work; subject, however, to credit approval by JCI.



TERMS AND CONDITIONS

By accepting this proposal, Customer agrees to be bound by the following terms and conditions:

1. SCOPE OF WORK. This proposal is based upon the use of straight time labor only. Plastering, patching, and painting are excluded. Disinfecting of chiller condenser and cooling tower water systems and components for biohazards, such as but not limited to Legionella, are excluded unless otherwise specified.

stated in this Agreement. In-line duct and piping devices, including, but not limited to valves, dampers, humidifiers, wells, taps, flow meters, orifices, etc., if required hereunder to be furnished by JCI, shall be distributed and installed by others under JCI's supervision but at no additional cost to JCI. Customer agrees to provide JCI with required field utilities (electricity, toilets, drinking water, project hoist, elevator service, etc.) without charge. JCI agrees to keep the job site clean of debris arising out of its own operations. Customer shall not back charge JCI for any costs or expenses without JCI's written consent. Unless specifically noted in the statement of the scope of work or services undertaken by JCI under this Agreement, JCI's obligations under this Agreement expressly exclude any language or provision of the Agreement elsewhere contained which may authorize or empower the Customer to change, modify, or alter the scope of work or services to be performed by JCI and shall not operate to compel JCI to perform any work relating to Hazards or Biohazards, such as but not limited to Legionella, without JCI's express written consent.

2. INVOICE AND PAYMENTS. JCI may invoice Customer monthly for all materials delivered to the job site or to an off-site storage facility and for all work performed on-site and off-site. As set forth in JCI's proposal, Customer shall pay JCI an advance payment which shall be credited against the final payment (but not any progress payment) due hereunder. Unless otherwise agreed to by the parties in writing, payments are due within (30) days of invoice. Such payment is a condition precedent to JCI's obligation to perform any work under this Agreement. Invoices shall be paid by Customer via electronic delivery via EFT/ACH. If JCI consents to payment by credit card in lieu of EFT/ACH, JCI may charge additional fees. Invoicing disputes must be identified by Customer in writing within 21 days of the date of the invoice. Payment of any disputed amounts are due and payable upon resolution of such dispute. Customer acknowledges and agrees that timely payments of the full amounts listed on invoices is an essential term of this Agreement and Customer's failure to make payment in full when due is a material breach of this Agreement. Customer further acknowledges that if there is any amount outstanding on an invoice; it is material to JCI and will give JCI, without prejudice to any other right or remedy, the right to, without notice: (i) suspend, discontinue or terminate performing any services and/or withhold further deliveries of equipment and other materials, terminate or suspend any unpaid software licenses, and/or suspend JCI's obligations under 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. JCI's election to continue providing future services does not, in any way diminish JCI's right to terminate or suspend services or exercise any or all rights or remedies under this Agreement. JCI shall not be liable for any damages, claims, expenses, or liabilities arising from or relating to suspension of services for non-payment. In the event that there are exigent circumstances requiring services or the JCI otherwise performs services at the premises following suspension, those services shall be governed by the terms of this Agreement unless a separate contract is executed. If Customer disputes any late payment notice or JCI's efforts to collect payment. Customer shall immediately notify JCI in writing and explain the basis of the dispute. Customer will pay all of JCI's reasonable collection costs (including legal fees and expenses). In the event of Customer's default, the balance of any outstanding amounts will be immediately due and payable. Lien waivers will be furnished upon request, as the work progresses, to the extent payments are received.

3. MATERIALS. If the materials or equipment included in this proposal become temporarily or permanently unavailable for reasons beyond the control and without the fault of JCI, then in the case of such temporary unavailability, the time for performance of the work shall be extended to the extent thereof, and in the case of permanent unavailability, JCI shall (a) be excused from furnishing said materials or equipment, and (b) be reimbursed for the difference between the cost of the materials or equipment permanently unavailable and the cost of a reasonably available substitute therefore.

4. EQUIPMENT WARRANTY. JCI warrants that equipment manufactured or labeled by JCI shall be free from defects in material and workmanship arising from normal usage for a period of one year. 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 installed by JCI shall be borne by Customer. These warranties shall not extend to any equipment that has been abused, altered, misused or repaired by Customer or third parties without the supervision of and prior written approval of JCI, or if JCI serial numbers or warranty date decals have been removed or altered. Customer must promptly report any failure of the equipment to JCI in writing. Unless agreed to in writing by the parties, any technical support, assistance, or advice ("Technical Support") provided by JCI, such as suggestions as to design use and suitability of the equipment and products for the Customer's application, is provided in good faith, but Customer acknowledges and agrees that JCI is not the designer, engineer, or installer of record. Any Technical Support is provided for informational purposes only and shall not be construed as a representation or warranty, express or implied, concerning the proper selection, use, and/or application of the equipment and products. Customer assumes exclusive responsibility for determining if the equipment and products supplied by JCI are suitable for its intended application and all risk and liability, whether based in contract, tort or otherwise, in connection with its application and use of the equipment and products.

5. LIMITED WARRANTY. JCI warrants its workmanship or that of its agents (Technicians) in relation to installation of equipment for a period of ninety (90) days from date of installation. Customer shall bear all labor costs associated with replacement of failed equipment still under JCI's equipment warranty or the original manufacturer's warranty, but outside the terms of this express labor warranty. All warranty labor shall be executed on normal business days during JCI normal business hours. These warranties do not extend to any equipment which has been repaired by others, abused, altered, or misused in any way, or which has not been properly and reasonably maintained. THESE WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO THOSE OF MERCHANTABILITY AND FITNESS FOR A SPECIFIC PURPOSE. UNDER NO CIRCUMSTANCES SHALL JCI BE LIABLE FOR ANY SPECIAL, INDIRECT, OR CONSEQUENTIAL DAMAGES ARISING FROM OR RELATING TO ANY DEFECT IN MATERIAL OR WORKMANSHIP OF

EQUIPMENT OR THE PERFORMANCE OF SERVICES. 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, treat, or mitigate the spread, transmission, or outbreak of any pathogen, disease, virus or other contagion, including but not limited to COVID 19.

6. 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: (a) special, incidental, consequential, punitive, or indirect damages; (b) lost profits, revenues, data, customer opportunities, business, anticipated savings, or goodwill; (c) business interruption; or (d) 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 proposal for all damages, losses, and causes of action (whether in contract, tort (including negligence), or otherwise) shall be limited to the amounts payable to JCI hereunder.

7. FAR. JCI supplies "commercial items" within the meaning of the Federal Acquisition Regulations (FAR), 48 CFR Parts 1-53. As to any customer order for a U.S. Government contract, JCI will comply only with those mandatory flow-downs for commercial item and commercial services subcontracts listed either at FAR 52.244-6, or 52.212-5(e)(1), as applicable.

8. TAXES. The price of this proposal does not include duties, sales, use, excise, or other taxes, unless required by federal, state, or local law. Customer shall pay, in addition to the stated price, all taxes not legally required to be paid by JCI or, alternatively, shall provide JCI with acceptable tax exemption certificates. JCI shall provide Customer with any tax payment certificate upon request and after completion and acceptance of the work.

9. DELAYS. JCI shall not be liable for any delay in the performance of the work resulting from or attributed to acts of circumstance beyond JCI's control, including but not limited to; acts of God, fire, riots, labor disputes, conditions of the premises, acts or omissions of the Customer, Owner, or other Contractors or delays caused by suppliers or subcontractors of JCI, etc.

10. COMPLIANCE WITH LAWS. JCI shall comply with all applicable federal, state, and local laws and regulations, and shall obtain all temporary licenses and

permits required for the prosecution of the work. Licenses and permits a permanent nature shall be procured and paid for by the Customer.

11. PRICING. JCI may increase prices upon notice to the Customer to reflect increases in material and labor costs. Prices for products covered by this Agreement may be adjusted by JCI, upon notice to Customer at any time prior to shipment and regardless of Customer's acceptance of JCI's proposal or quotation, to reflect any increase in JCI's cost of raw materials (e.g., steel, aluminum) inability to secure Products, changes or increases in law, labor, taxes, duties, tariffs or quotas, acts of government, any similar charges, or to cover any extra, unforeseen and unusual cost elements. This Agreement is entered into with the understanding that the services to be provided by JCI are not subject to any local, state, or federal prevailing wage statute. If it is later determined that local, state, or federal prevailing wage rates apply to the services to be provided by JCI, JCI reserves the right to issue a modification or change order to adjust the wage rates to the required prevailing wage rate. Customer agrees to pay for the applicable prevailing wage rates.

12. DISPUTES. JCI shall have the sole and exclusive right to determine whether any dispute, controversy or claim arising out of or relating to the Agreement, or the breach thereof, shall be submitted to a court of law or arbitrated. For Customers located in the United States, the laws of Delaware shall govern the validity, enforceability, and interpretation of this Agreement, without regard to conflicts of law principles thereof, and the exclusive venue for any such litigation or arbitration shall be in Milwaukee, Wisconsin. For Customers located in Canada, the laws of Ontario shall govern the validity, enforceability, and interpretation of this Agreement, without regard to conflicts of law principles thereof, and the exclusive venue for any such litigation or arbitration shall be in Ontario, Canada. The parties waive any objection to the exclusive jurisdiction of the specified forums, including any objection based on forum non conveniens. In the event the matter is submitted to a court, JCI and Customer hereby agree to waive their right to trial by jury. In the event the matter is submitted to arbitration by JCI, the costs of arbitration shall be borne equally by the parties, and the arbitrator's award may be confirmed and reduced to judgment in any court of competent jurisdiction. If JCI prevails in any collection action. Buyer will pay all of JCI's reasonable collection costs (including legal fees and expenses). Except as provided below, no claim or cause of action, whether known or unknown, shall be brought by either party against the other more than one year after the claim first arose. Claims not subject to the one-year limitation include claims for unpaid: (1) contract amounts, (2) change order amounts (approved or requested) and (3) delays and/or work inefficiencies.

13. INSURANCE. Insurance coverage in excess of JCI's standard limits will be furnished when requested and required. No credit will be given or premium paid by JCI for insurance afforded by others.

14. INDEMNITY. The Parties hereto agree to indemnify each other from any and all liabilities, claims, expenses, losses or damages, including attorney's fees which may arise in connection with the execution of the work herein specified and which are caused, by the negligent act or omission of the indemnifying Party.

15. CUSTOMER RESPONSIBILITIES. Customer is 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. Customer is responsible to 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.

16. 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, compliance with vaccination requirements or other costs and expenses incurred by JCI in connection with the Force Majeure Event.

17. SAFETY, HEALTH AND HAZARDOUS MATERIALS. The Parties hereto agree to notify each other immediately upon becoming aware of an inspection under, or any alleged violation of the, Occupational Safety and Health Act or similar Canadian laws relating in any way to the project or project site. ACM /Hazardous Materials: Customer shall supply JCI with any information in its possession relating to the presence of asbestos-containing materials ("ACM") or hazardous materials at any of its facilities where JCI's undertakes any Work or Services that may result in the disturbance of ACM or hazardous materials. JCI shall not be responsible for abatement and/or removal and disposal of hazardous materials or ACM. If either Customer or JCI becomes aware of or suspects the presence of ACM or hazardous materials that may be disturbed by JCI's Work or Services, JCI shall immediately stop all work until such ACM or hazardous or unsafe condition is rectified by Owner and Owner so notifies JCI in writing that work can safely be resumed, based on test conducted by a licensed testing organization. Timetables for delivery of JCI's products or services and the contract price shall be adjusted appropriately for any associated delay.

18. ONE-YEAR CLAIMS LIMITATION. 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.

19. DIGITAL ENABLED SERVICES.; DATA. If JCI provides Digital Enabled Services under this Agreement, these Digital Enabled Services require the collection, transfer and ingestion of building, equipment, system time series, and other data to JCI's cloud-hosted software applications. Customer consents to and grants JCI right to collect, ingest and use such data to enable JCI and its affiliates and agents to provide, maintain, protect, develop and improve the Digital Enabled Services and JCI 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. Customer shall be solely responsible for the establishment, operation, maintenance, access, security and other aspects of its computer network ("Network"), shall appropriately protect hardware and products connected to the Network and will supply JCI secure Network access for providing its Digital Enabled Services. As used herein, "Digital Enabled Services" mean services provided hereunder that employ JCI software and related equipment installed at Customer facilities and JCI cloud-hosted software offerings and tools to improve, develop, and enable such services. Digital Enabled Service may include, but are not limited to, (a) remote servicing and inspection, (b) advanced equipment fault detection and diagnostics, and (c) data dashboarding and health reporting. If Customer accesses and uses Software that is used to provide the Digital Enabled Services, the Software Terms (defined below) will govern such access and use.

20. JCI DIGITAL SOLUTIONS. Use, implementation, and deployment of the software and 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 www.johnsoncontrols.com/techterms (collectively, the "Software Terms"). Specifically, the JCI General EULA set forth at www.johnsoncontrols.com/buildings/legal/digital/generaleula governs access to and use of software installed on Customer's premises or systems and the JCI Terms of Service set forth at www.johnsoncontrols.com/buildings/legal/digital/generaltos govern access to and use of hosted software products. The 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 agreed, 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 statement of work, order or other applicable ordering document. 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 ninety (90) 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 JCI's 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.

21. Privacy. 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. **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.

22. ASSIGNMENT. This Agreement is not assignable by the Customer except upon written consent of JCI first being obtained. JCI shall have the right to assign this Agreement, in whole or in part, or to subcontract any of its obligations under this Agreement without notice to Customer.

23. TERMINATION. If JCI's performance of its obligations becomes impracticable due to obsolescence or unavailability of systems, equipment, or products (including component parts and/or materials) or because the JCI or its supplier(s) has discontinued the manufacture or the sale of the equipment and/or products or is no longer in the business of providing the services, JCI may terminate this Agreement, or the affected portions, at its sole discretion upon notice to Customer. JCI may terminate this Agreement, or the affected portions, at its sole discretion upon notice to the Customer if JCI's performance of its obligations are prohibited because of changes in applicable laws, regulations or codes.

24. ENTIRE AGREEMENT. This proposal, upon acceptance, shall constitute the entire agreement between the parties and supersedes any prior representations or understandings. 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.

25. CHANGES. No change or modification of any of the terms and conditions stated herein shall be binding upon JCI unless accepted by JCI in writing.