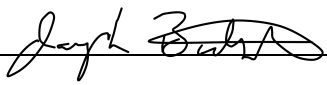


## CHANGE ORDER

Performance Contract dated <b>April 23, 2019</b> between Johnson Controls, Inc. and Customer	Change Order No. <b>2</b>	Date (mo/day/yr) 8/17/2020
Customer: City of La Crosse, WI		
The above referenced Performance Contract is hereby modified to the extent described below in accordance with the Terms and Conditions of the CHANGE ORDERS section thereof.		
The parties wish to add to the Scope of the Work in the Contract. JCI has amended its original scope of work identified in Schedule 1 & 1a for <i>ECM-2-LCC: Repair La Crosse Center Arena AHU's</i> and <i>ECM-3-LCC Repair La Crosse Center Arena AHUs</i> . This Change Order does not modify the Assured Performance Guarantee for <i>ECM-2-LCC</i> or <i>ECM-3-LCC</i> as defined in the contract. Customer agrees that modifications to the HVAC systems performed under this CO may increase the energy consumption of the fan systems due to the nature of the design modifications.		
After the execution of Change Order 2, JCI shall provide a revised Schedule of Values and revised Construction Schedule that shall apply to the combined Scope of Work. The additional Contract Price and the additional time for completion provided below modify the Contract Price and time for completion provided in the Contract such that the Guarantee Term shall begin upon completion of the entire Scope of Work as outlined in the Contract and this Change Order 2. JCI has amended the Price and Payment Terms of the original Agreement and any executed change orders to reflect the additional price based on the Scope of Work, attached as Schedule 1b. Refer to Schedule 1b - Scope of Work, attached. Refer to Schedule 3b - Customer Responsibilities, attached. Refer to Schedule 4b - Price and Payment Terms, attached		
Current Total Performance Contract amount including all Change Orders	\$ 5,905,675.00	
Total amount of this Change Order .....	\$ 135,766.00	
Total Performance Contract amount as revised by this Change Order .....	\$ 6,041,441.00	
The time for completion is: <input checked="" type="checkbox"/> increased, <input type="checkbox"/> decreased, <input type="checkbox"/> unchanged.		(mo, day, yr)
The new completion date resulting from this Change Order is:		12/31/2020
<input type="checkbox"/> [check if applicable] The manner of determining Project Benefits changed as follows: No Changes to Project Benefits		
Unless specifically changed by this Change Order, all terms, conditions and provisions of the above referenced Performance Contract remain unchanged and in full effect.		
<b>JOHNSON CONTROLS, INC.</b>	<b>CUSTOMER</b>	
Signature: 	Signature:	
Printed Name: Joseph Boetsch	Printed Name: Timothy Kabat	
Title: Area General Manager	Title: Mayor	

## Performance Contract - Change Order 2

### Schedule 1b – Scope of Work

Scope of Work modifications to Performance Contract ECM-2-LCC: Repair La Crosse Center Arena AHU's & ECM-3-LCC: Replace La Crosse Center VAV Terminals is as follows:

- The existing contract scope of work for ECM-2-LCC is to replace the existing heating and cooling coils on the four (4) air handling units serving the La Crosse Center arena, sized to match existing coil capacities. The existing scope of work in the base contract remains in effect except where modified in this change order. The current scope of work for ECM-3-LCC is to replace thirty-two (32) variable air volume terminals with new VAV terminals with reheat coils and updated DDC controls. The existing coils were all designed to operate with an 180F entering water temperature as per mechanical schedules from original construction documents.
- The mechanical system design for the La Crosse Center Expansion Project has established design parameters which differ from the existing design parameters of the Johnson Controls Performance Contract project. As a result this change order will modify the performance contract design to comply with the design criteria of the new Expansion Project and enable design coordination between the two separate yet concurrent projects. The scope modifications herein include the following as recommended by the La Crosse Center's engineering consultant, ISG Inc. and as necessitated by such scope modifications:
  - Replace the original heating coils that were one (1) row coils designed for an entering water temperature of 180F with two (2) row coils designed for an entering temp of 160F. There are a total of 12 heating coils.
  - Replace the original cooling coils that were four (4) row coils designed for an entering water temperature of 42 degrees with eight (8) row coils. There are a total of 8 cooling coils.
  - Replace the original VAV box coils that were designed for an entering hot water temperature of 180F with coils designed for an entering hot water temperature of 160F. There are a total of 32 reheat coils. Note: The VAV box submittal has been approved by ISG and the VAV boxes w/ integral reheat coils have been procured by JCI.
  - Reconfigure the coil arrangement within the AHU. The existing design has the airflow entering the heating coil first and the cooling coil second. The design requested by ISG reverses this coil configuration with the airflow first entering the cooling coil and then the heating coil. This modification is desired in order to facilitate a dehumidification sequence of operation.
  - Remove the existing face & bypass dampers in each of the 4 AHUs. These dampers will no longer be required since the design of the new hot water system requires that the hydronic system be filled with a glycol solution.
  - The modified coil arrangement (cooling then heating) requires cooling coil piping connection modifications and requires that the cooling coil installation include additional sheet metal blank off panels around the new chilled water coil. The extra height required by the taller cooling coil will be achieved by utilizing the space of the current bypass duct section.
  - Increase coil support frame sizes to accommodate the thicker coils.
  - Cooling coil drain pans must be re-designed and installed to drain condensate from the upper coil and the lower coil separately to prevent carryover.
  - Incorporate a dehumidification sequence of operations in the Trane Building Automation System for all four AHU's. This will include the addition of a return air humidity sensor and discharge air humidity sensor for each AHU and associated programming and commissioning.
  - DDC controls will be demo'd for the pneumatic face and bypass dampers & actuators and existing AHU programming will be modified accordingly.
  - JCI shall fill with water and vent the hydronic systems in in the four AHU mechanical rooms.
  - JCI shall provide air side test and balance of the four AHU's receiving new coils.

**Completion Date:**

## Performance Contract - Change Order 2

- Upon execution of this Change Order, and approval of the Coil Submittal by the Owners Engineer ISG, Inc., JCI will procure materials based on the ISG approved LCC-03 R2 submittal. Coil lead times are approximately 6-8 weeks.
- Upon receipt of coils, JCI will work with the La Crosse Center to schedule the coil installation to accommodate La Crosse Center activities. Any delays in submittal approval or scheduling constraints withing the La Crosse center may affect the completion date.

### **Not Included in this Proposal:**

- All ACM and hazardous material abatement associated with the work identified above shall be brought to the attention of the City of La Crosse and the La Crosse Center.
- Furnishing the glycol to fill the chilled water and/or heating hot water hydronic systems in the building.
- AHU heating and cooling coil design is the responsibility of ISG Engineering.
- Air balance of existing exhaust fans and other fan systems in the La Crosse Center.
- Water balance of the existing heating and cooling hydronic systems in the La Crosse Center.
- Any work not specifically identified above as included in the scope of work.

### **Schedule 3b - Customer Responsibilities**

In order for JCI to perform its obligations under this Agreement with respect to the Work, the Assured Performance Guarantee, and the M&V Services, Customer shall be responsible for:

1. The coils installed by JCI under this Change Order will require that both the chilled water and hot water hydronic systems which serve the air handling unit heating and cooling coils contain glycol to prevent freezing of coils. It is understood by Johnson Controls and the Customer that the La Crosse Center Expansion Project mechanical system chilled water and hot water heating designs by ISG will be specified to be glycol systems.
2. Owner's engineer ISG Inc. has reviewed JCI AHU Coil submittal LCC-03 R2. This design submittal is the basis of design for this change order. It is a condition of this change order that the Owners engineer will provide final written approval of this submittal with no modifications within 10 days of the date of this Change Order so that coils can be ordered.
3. Design of the AHU modifications is excluded; JCI scope of work for this change order is based on design guidance from Owner's engineer ISG Inc.
4. Owner shall provide glycol for both the chilled water and heating hot water hydronic systems.

### **Schedule 4b – Price and Payment Terms**

Customer shall make payments to JCI pursuant to this Schedule 4b.

1. Work. The price to be paid by Customer for the Work shall be \$135,766. Payments (including payment for materials delivered to JCI and work performed on and off-site) shall be made to JCI as follows:

First payment due:	50%	\$67,883 due September 1, 2020
Second payment due:	40%	\$54,306 due October 15, 2020
Third payment due:	10%	\$13,577 due December 31, 2020

[END OF DOCUMENT]