ADDENDUM TO THE CONTRACT

for the

BARTLETT REGIONAL HOSPITAL
CHILLER NO. 2 REPLACEMENT

Contract No. BE22-208

ADDENDUM NO.: **ONE**

CURRENT DEADLINE FOR BIDS:
March 2, 2022

PREVIOUS ADDENDA: **NONE**

ISSUED BY:
City and Borough of Juneau
ENGINEERING DEPARTMENT
155 South Seward Street
Juneau, Alaska 99801

DATE ADDENDUM ISSUED: **February 24, 2022**

The following items of the contract are modified as herein indicated. All other items remain the same. This addendum has been issued and is posted online. Please refer to the CBJ Engineering Public Purchase webpage at: https://www.publicpurchase.com/gems/juneau,ak/buyer/public/home

CLARIFICATIONS:

Question: *"Sheet note 3, E-202, indicates that contractor should follow guidelines as set out by NFPA 70E for work in the MDP and MSB1. This document indicates that all power should be removed so that electrical workers are not exposed to energized equipment. A hospital being one of the few places where this can cause other impediments to life safety (see NFPA 70E article 110.4), can it be confirmed that the intent is that work would be done energized?*

As a follow up, should it be necessary to perform energized, the same publication indicates that switchboards and switchgear rated 600VAC only have PPE available up to a 35KA fault current. See NFPA 70E, table 130.7(C)(15)(a). Preliminary calculations indicate that the existing equipment could have up to 44KA available fault current, surpassing the available rating of any PPE that is currently produced. This is to say that PPE rated for this level of energy does not exist. If the design team would be willing to verify calculations, or provide guidance on how this is to be addressed, that would be appreciated.

Otherwise it will be assumed that there will be a method of de-energizing both the MDP and MSB1 so that work can be performed safely, in accordance with NFPA 70E."

Response: See Drawings section of this addendum.

Question: *"During the walkthrough we walked the planned route for the new conduit from the MSB-1 to MCC-PTN. One of the things that we were not able to verify was the existing conduit going from above MDP on sheet E-202 to the new splice box show on E-201. This existing conduit that we are re-using is substantially reducing the cost of the electrical work for this project so I'd like to confirm how we know that the conduit run is there. Just trying to avoid any major change orders during the construction if it turns out that the contractor needs to utilize substantially different routing for the conduit."*

Response: See Drawings section of this addendum.

Question: *"What AIC rating is required for the MSB breaker?"*

Response: The new circuit breaker in MSB1 shall comply with the ratings of the MSB1.

Question: *"What AIC rating is required for the new MCC-PTN buckets?"*

Response: The AIC rating of the new MCC-PTN buckets shall comply with the ratings of the MCC-PTN.

DRAWINGS:

Item No. 1 SHEET E-200 – ROOF PLAN
Add to Notes:

"5. The new chiller No. 2 shall be equipped with an integral duplex receptacle, circuited from the line side of the chiller electrical disconnect per NEC 210.63."

Item No. 2 SHEET E-201 – SECOND FLOOR PLAN
Add to Notes:

"3. Approved alternative method: The new MCC-PTN feeder conduit shall be routed along the roof parallel to the new Chiller No. 2 feeder conduit in lieu of routing the conduit along the second floor ceiling space. Replace the existing splice box on the roof with a new 18"x18"x6" NEMA 4X stainless steel splice box, and provide a new 18"x18"x6" splice box inside Penthouse Z-2 for routing the MCC-PTN feeders."

Item No. 3 SHEET E-202 – SECOND FLOOR PLAN, Note 3
Add the following to Note 3:

"Install the new circuit breaker and feeders with the following sequence of construction:

a. Route the new conduit and feeders from the Electrical 1131 room to the MSB1. Coil the feeders outside of the MSB1 in preparation for the shutdown.
b. Deenergize the MSB1 after normal working hours. The shutdown shall not be longer than 4 hours. Coordinate shutdown schedule with owners.
c. Install the new circuit breaker in the MSB1. Terminate the new feeders.
d. Reenergize the MSB1."

By: _____

Caleb Comas,
Contract Administrator

Total number of pages contained within this Addendum: 3