# LCCC – Physical Plant Hydronic Renovations

**ADDENDUM #1**  
**CRA# 217-552/2018-632**  
**October 23, 2019**

## GENERAL INFORMATION

### ADM 1.1  
**Bidder Question 1:** On the hydronic pump schedules, HWP-PF1 &2 and HCP-HS1 it calls for a “Relay”. My pump supplier and VFD/Starter supplier is not sure what them mean by “Relay”. B&G is telling me that a relay couldn’t start a pump and figures they either need a starter or VFD like the other pumps. Can we get this clarified?  
**ANSWER:** Starter is included in the MCC bucket. The relay is for interconnection to the BAS.

### ADM 1.2  
**Bidder Question 2:** Spec Section 232500 2.3 calls for use to provide a commercial water softener. Confirm this is not part of the project?  
**ANSWER:** BASIS-OF-DESIGN dry cooler manufacturer recommends not supplying with softened water. If alternate manufacturer is bid, and that manufacturer requires soft water, then a water softener will need to be included in the bid.

### ADM 1.3  
**Bidder Question 3:** Are we allowed to capture and re-use existing water treatment?  
**ANSWER:** Yes, it is acceptable to re-use existing hydronic fluids drained from the system to perform the work. Contractor to arrange storage to maintain existing state of cleanliness.

### ADM 1.4  
**Bidder Question 4:** Spec section 013100 1.6 - Will construction drawings from the contractor be required on this project?  
**ANSWER:** Field coordination will be acceptable. No change-orders will be entertained for re-work required due to poor coordination prior to installation.

### ADM 1.5  
**Bidder Question 5:** Spec section 013200 concerning the schedule requirements. Is the requirements of this spec section necessary? The amount of schedules for such a small project seems to be quite elaborate. We could have as many hours involved in schedules as we do the project.  
**ANSWER:** One master schedule will be sufficient. A bimonthly OAC meeting will take the place of additional schedules.

### ADM 1.6  
**Bidder Question 6:** Can the schedule be extended to allow the North Plant work to be done later spring to minimize impact of boiler plant shut-downs?  
**ANSWER:** Yes, the heating system portion of the work can be extended to 26/Jul./2020.

### ADM 1.7  
**Bidder Question 7:** Who has done the majority of the water treatment on the campus?  
**ANSWER:** Rocky Mountain Aquatech (720) 373-9071

### ADM 1.8  
**Bidder Question 8:** Does existing Horn/Strobe on wall above pumps need to be relocated to accommodate new plumbing riser?  
**ANSWER:** Fire Alarm scope was not intended as part of the project. If the work cannot be coordinated in a way to maintain visibility to devices, Horn/Strobe will need to be relocated and system recertified per local AHJ requirements. Contractor shall break out pricing for this scope as Alternate #3.
### STRUCTURAL DRAWINGS

<table>
<thead>
<tr>
<th>SHEET</th>
<th>Description</th>
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<tr>
<td>S-001</td>
<td>Added sheet to detail the structural concrete work required for the new adiabatic dry coolers at the Plant Operations Building</td>
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The preceding addendum shall be made a portion of the Contract Documents, and each bidder shall acknowledge receipt of the same in submitting bids. All other conditions and requirements of the Contract Documents will remain unchanged.

**END OF ADDENDUM #1**

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