
**McLaughlin Youth Center
Boiler Renovation & Replacement
ANC 17-27C**

March 6, 2017

ADDENDUM NO. 1

TO: ALL PLAN HOLDERS

FROM: PDC ENGINEERS
David Apperson, Mechanical EIT
Eric Bridgman, Electrical PE

SUBJECT: Clarifications in response to bidder questions

This addendum consists of:

1. Addendum document; **(2) pages**
2. Specification documents attached; n/a
3. Drawing Attachments; n/a
4. Reference Information; n/a

Information in this addendum takes precedence over original information. All other provisions of the document remain unchanged.

Note to Bidders: Bidders are required to acknowledge this addendum on the Quote Submittal form. The following additions, corrections, and changes are hereby made to the subject invitation to bid.

CLARIFICATIONS; IN RESPONSE TO QUESTIONS:

1. **Question:** It was suggested that the new BAS panel be located in the same place as the old control panel that is being demolished. This will allow for reuse of some conduit and raceway to reduce installation costs. Siemens will utilize the dedicated network data port and power circuit as indicated on the electrical drawings so that we can connect the new panel to the existing BAS server in the control room and update the system programming & graphics. Please confirm that Siemens can locate the new BAS panel in the same location as the existing panel that is being demolished.

Response (PDC Engineers): No exceptions to demolishing existing control panel and reusing existing conduit, power, and network connection to serve the new DDC panel.

2. **Question:** Please confirm that a Siemens P1-BIM module is suitable for start/stop and status monitoring of CP-02A/02B and CP-04A/04B. There is existing Siemens network wiring in the utiladors that we can connect the P1-BIM modules to. Controlling the pumps in this manner will eliminate the need to "home run" the control wiring all the way back to the boiler room and will save on labor and installation costs.

Response (PDC Engineers): No exceptions to the use of a networked point expansion module (Siemens P1-BIM). No exceptions to the use of the existing Siemens field-level network cabling and conduit located in the utilidor. The slight time lag associated with controlling and monitoring points across a field-level network is acceptable for control of digital (on/off, status) points for equipment located in the utilidor.

- 3. Question:** Siemens has furnished ABB ACH550 variable speed drives on previous phases at MYC. We intend to submit on ABB drives for this project to assure consistency throughout the facility. Please confirm that this is acceptable.

Response (PDC Engineers): No exceptions to the use of the ABB model ACH550, this manufacturer and model is the basis of design and listed as a pre-approved manufacturer within the project Specifications.

CHANGES TO SPECIFICATIONS:

ITEM # CHANGES TO SPECIFICATIONS

1. None.

CHANGES TO DRAWINGS:

ITEM # CHANGES TO DRAWINGS

1. None.

ATTACHMENTS:

1. Specifications: None.
2. Drawings: None.

Issue Date: March 6, 2017

Issued by: Mark Moon, Project Manager

END OF ADDENDUM