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DSCYF ADMINISTRATION BUILDING
CLOSED CIRCUIT COOLER REPLACEMENT
OMB/DFM # MC3701000040
ADDENDUM #2

Bid Extension:

The bids have been extended to Friday February 13th at 1:30.

Sealed bids for **OMB/DFM Contract No. MC3701000040 – Delaware Youth & Family Center – Main Administration Building – Closed Circuit Cooler Replacement**, will be received by the State of Delaware, Office of Management and Budget, Division of Facilities Management, in the reception area of the Facilities Management Office in the Thomas Collins Building, 540 S. DuPont Highway, Suite 1 (Third Floor), Dover, DE 19901 until 1:30 p.m. local time on **Friday, February 13, 2015**, at which time they will be publicly opened and read aloud in the Conference Room. Bidder bears the risk of late delivery. Any bids received after the stated time will be returned unopened.

There will be an addendum #3 issued end of day Monday February 9th, 2015 that will contain a revised ED100 and E100.

Questions and Clarifications:

1. 007313 page 6 says to refer to Summary of Work for contract time requirements. However, there are no dates listed in 011000 Summary. Please advise.

Page 2 of the Bid Form (00 41 13) has a blank line for the bidder to fill out the anticipated construction duration to complete the project. This is the time utilized to finalize the contract to the successful bidder.

2. On the closed circuit cooler project, item 1/md101 show a 6" drain line, item 2/md101 shows a 1" make-up water line. Will these items require heat trace?

No, the intent is to drain the sump and disconnect the make-up water in the winter. There are drain valves on the make-up water. The existing low point drain is shown on drawing M-101.

3. The following questions pertain to drawing M-501:
 - a. There are two (2) P-X VSD signal outputs shown in the point list. Which pumps does this pertain to?

The P-X VSD signal is not part of this scope of work. The intent was to show the existing condenser water pumps on the diagram.



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- b. The only pumps shown on the flow diagram (besides the cooling tower spray pump) are pumps P-1 and P-2, which don't show VFDs. Are VFD's to be added for these pumps?

No, P-1 and P-2 are not in this project scope of work and are existing to remain. If new

- c. VFD's are required, are they to be provided by BAS or mechanical contractor?

No, P-1 and P-2 are not in this project scope of work.

- b. For new cooling tower VFD, is this to be provided with the cooling tower?

A VFD is required for this closed circuit cooler.

- d. If provided separately, is this by controls or mechanical contractor?

The VFD shall be provided by the controls contractor. The closed circuit cooler shall be provided with a control cabinet capable of housing the VFD.

- e. For flow sensor FS-2 shown in the cooling tower make-up water line, is this only to be a flow switch (i.e. – on/off) or a flow meter (i.e. – gpm)?

The intent of the flow sensor is to be able to trend flow. A flow meter is not required as part of this project.

- 4. Spec section 230958 (Sequence of Operations) – can you clarify that the sequence shown on M-501 is the sequence for this project rather than what is shown in 230958.

Section 230958 is to enhance the control sequence shown on M-501 in terms of trend data and alarm conditions and diagnostic data. Sections 3.02, 3.03, and 3.04 do not pertain to this particular project.

Summarized By: DEDC, LLC
John R. Farina, PE
Date: 02/06/15