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Addendum No. 3

Delaware Health & Social Services
Lewis Building – Cooling Tower & Pump Replacement
DHSS Herman M. Holloway Campus
OMB/DFM/DHSS Contract No.: MC3501000061

Tt Project No. 200-26912-18001

Addendum No. 03
to
Drawings and Project Manual
November 5, 2018

To: ALL BIDDERS

This ADDENDUM forms a part of the BIDDING AND CONTRACT DOCUMENTS and modifies the following documents:

Original DRAWINGS dated October 23, 2018
PROJECT MANUAL dated October 23, 2018

Acknowledge receipt of the ADDENDUM in the space provided on the FORM OF PROPOSAL

Please note that the Pre-Bid Meeting Record, is also being considered Addendum No. 1

This ADDENDUM consists of four (4) pages and the following:

3.1 PROJECT MANUAL MODIFICATIONS

- A. Spec Section 23 65 14.16; Closed-Circuit, Induced-Draft, Counter-Flow Cooling Towers
 - 1. Article 2.3; Fiberglass Cooling Tower
 - a. Paragraph A; Subparagraph 1; **ADD** Mesan, Inc. as an approved Manufacturer.
 - 2. Article 2.4; Stainless Steel Cooling Tower (Alternate No. 1)
 - a. Paragraph A; Subparagraph 1; **ADD** Mesan, Inc. as an approved Manufacturer.
 - 3. Local Mesan, Inc. Factory Representative is Building Systems and Services.
Contact: Courtney Bauer
Phone No.: 302-996-0900
- B. Spec Section 32 31 13; Chain Link Fence and Gates
 - 1. Article 2.6; Gates
 - a. **CHANGE** the Gate size from “Single width 5’ and double width 10’” to “3’ and 6’ respectively.”

3.2 CLARIFICATIONS TO DRAWING

A. Sheet M-601; Typical Fence Detail

1. **DELETE** reference to “Detail A” in its entirety.

3.3 QUESTIONS/CLARIFICATIONS/REQUEST FOR INFORMATION (RFI'S)

A. GEM Mechanical Services email dated Monday, October 29, 2018

Question 1: As far as the meeting went, it was mentioned that in Addendum No. 1 it would pertain to the Cooling Tower and getting a quote to expedite the unit and add that to the cost. Is this still something we should consider in bidding as well?

Response: See Sheet M-401, 2/M-401; Partial Lower Level Plan – Mechanical New Work indicated that there are two (2) gates. One (1) 3' gate and one (1) double 6'.

B. Tyler A. Holland; Sass, Moore and Associates (Cooling Tower Rep) Wednesday, October 31, 2018

Question 1: Section 2.12.A calls for a Type 4x panel but I originally submitted type 3R – please confirm if 4x is required? 4x panel will increase cost and may require additional cooling for the panel?

Response: Yes, a 4x Control Panel is required.

Question 2: Section 2.12.B states VFD to be provided by BAS contractor – please advise on VFD make/model so I can advise my control panel manufacturer?

Response: Will advise once bids are received and accepted.

Question 3: 2.12.B states Type 4 VFD enclosure even though VFD will already be mounted in 4x panel – please confirm

Response: Main Control Panel needs to be a NEMA 4x. Depending on whether the VFD is mounted within the Main Control Panel or alongside it will determine the Construction of the VFD.

Question 4: Due to the amperage of the low-RPM/low-sound motor used in our tower, a 15 HP VFD may be required to accommodate – will confirm when we have the model of the VFD?

Response: To be determined once the bids are received and accepted.

C. GEM Mechanical Services email dated Wednesday, October 31, 2018

Question 1: As far as the meeting went, it was mentioned that in Addendum No. 1 it would pertain to the Cooling Tower and getting a quote to expedite the unit and add that to the cost. Is this still something we should consider in bidding as well?

Response: Was addressed in Addendum No. 2, Revised Spec Section 00 41 13 Bid Form and Revised Spec Section 01 22 00 Unit Prices.

D. Cherokee Nation., LCC. email dated Thursday, November 1, 2018

Question 1: Are there two gates or one?

Response: There are two (2) gates. One (1) 3' gate and one (1) double 6'.

Question 2: The drawing states 4" line post however, the written specs states 2.5", which is needed?

Response: Spec Section 32 31 13; Chain Link Fences and Gates, Article 2.2 Framing; Paragraph 2.2; Subparagraph C.2 The intermediate posts shall be 2.875" O.D. All others should be 4 inch O.D as noted.

Question 3: It states on the drawing that the fabric as to be extended 6" into a concrete trench/beam.... this is what we call "overkill" is that something that the owner is set on or can it be priced with just installing the fence post in concrete?

Response: This was addressed in Addendum No. 2. The fabric does not need to be extend into the concrete.

Question 4: M401 call for a new Chemical treatment system there is no water treatment spec or list of approved contractors/manufactures.

Response: Spec Section 23 65 14.16 Closed-Circuit, Induced-Draft, Counter-flow Cooling Tower, Article 2.14 Water Treatment, identifies Limbach as the current water treatment Contractor for the Facility. Spec Section 23 21 13 Hydronic Piping; Article 3.6 Chemical Treatment defines the water treatment requirements.

E. Gaudelli Bros., Inc. email dated Friday, November 2, 2018

Question 1: On the Bid Form 00 41 13-3 it asks for completion of all work within ___ calendar days of NTP. I know in Addendum No. 2 it gives the completion date of May 15, 2019, but I need the amount of days to submit on the Bid Form.

Response: You are obligated to complete the project in the amount of days that you fill in.

F. GEM Mechanical Services email dated Monday, November 5, 2018

Question 1: Terminal post and corner post 4" O.D.?

Response: Corner post and gate posts shall be 4" O.D.

Question 2: Line Post 3" or 2.875" O.D.?

Response: The Line Post shall be 3" O.D. For all intents and purposes 2.875" is the same as 3".

Question 3: Girth Strap – Delete?

Response: Delete reference to "Girth Strap"

Question 4: Galvanized strap for diagonal mech 2" top and bottom?

Response: Delete reference to "Galv. Strap for Diagonal Mesh." Delete reference to 3/8" Fabric. Entire fence shall be 2" Fabric with hurricane slats.

Question 5: Footings 4'6" with NO 12" concrete beam?

Response: Footings shall be 48" deep per the Typical Fence Detail on M-601.

Question 6: Reiterate NO 12" concrete beam from footing to footing?

Response: 12" concrete beam is not required.

Question 7: Are Fused Disconnects or Combination Motor Starters required for CWP1 & CWP2? The notes on drawings E-001, E-401, and M-602 are convoluted. If combination starters are necessary, what size starters? Who supplies them?

Response: The existing Disconnect Switch is to be reused. New Work Note 1. Change "New Fused Disconnect" to read "Existing Fused Disconnect."

Question 8: Should we assume new conduits out to Cooling Tower Pad to be run underground from the building? Is it possible to reuse existing conduits with new feeds?

Response: Drawing E-401, it is the intent to re-use the existing underground conduit for the new wiring. If the existing underground conduit cannot be re-used then an alternate routing will be addressed during construction.

Question 9: Also, on the Drawing E-601, the panel schedule for the new panel “LL3” says SPD in spaces 8/10/12, on a 3-pole, 20-Amp Circuit Breaker. Can we assume this is to be a Surge Protection Device mounted in the new panel?

Response: Yes, it is a Surge Protection Device mounted in the Panel.

ATTACHMENTS

END OF ADDENDUM No. 3

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