

ENTECH

CONSULTING ENGINEERS

5301 VIRGINIA WAY, SUITE 140
BRENTWOOD, TENNESSEE 37027
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ADDENDUM NO. 1

DATE: February 17, 2020
TO: All Plan Holders of Record
PROJECT: Williamson County Schools
Cooling Tower Replacements at Fairview Middle, Heritage Middle and Franklin High
WCS RFB#1197
EEI#19-194

The following amendments clarify, modify, change, delete from or add to the Bidding Documents for the referenced project. Where any portion of a document, specification or drawings is modified or deleted by these amendments, the unaltered portions of the document, specification or drawing shall remain in effect.

CHANGES TO THE SPECIFICATIONS

SECTION 00401 BID FORM - See revised Section.

1. Change ADD ALTERNATE NO. 1 from "Replace heat exchanger at Fairview Middle School" to "Clean heat exchanger at Franklin High School".
2. Delete ADD ALTERNATE NO.2.

SECTION 01019 CONTRACT CONSIDERATIONS

1. Reference 1.4-B: Change as follows: "Submit Schedule of Values in duplicate within 2 days after date of bid opening.
2. Reference 1.4-C.: Add the following: "Separate Values for each school individually on Schedule of Values and Invoices."

CHANGES TO THE DRAWINGS

SHEET M1.1 - See revised Sheet dated 2/17/2020.

1. Reference HEAT EXCHANGER SCHEDULE: Delete all reference to ALTERNATES and ALT#."

SHEET M2.1

1. Reference HEAT EXCHANGER: Delete note regarding "ALT NO.1..." and replace with "REMOVE AND PREPARE FOR NEW."

SHEET M2.2

1. Reference HEAT EXCHANGER: Delete note regarding "ALT NO.2..." and replace with "REMOVE AND PREPARE FOR NEW."

SHEET M3.1 – See revised Sheet dated 2/17/2020.

1. Change HVAC PLAN NOTE – 2 to replace Fairview & Heritage heat exchangers as part of base-bid and clean Franklin High School heat exchanger as Alternate No. 1.
2. Change HVAC PLAN NOTE – 3 to add Aqua-chem.
3. Change HVAC PLAN NOTE – 5 regarding tower fan VFD control.
4. Change HVAC PLAN NOTE – 7 as follows: NEW LANDSCAPE FABRIC WITH NEW 2” SIZED LIMESTONE GRAVEL WITH COMPLETE COVERAGE IN FENCED AREA.
5. Reference HVAC FAIRVIEW MS PARTIAL PLAN: Change note regarding NEW TOWER SUPPORT to clarify “DESIGN BUILD”.
6. Reference Franklin High School Tower – I-Beam note: change to clarify flange width & weight.

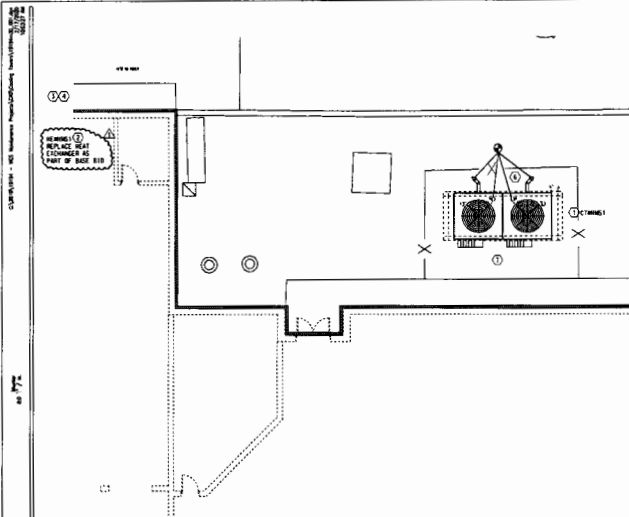
SHEET E1.1 - See revised Sheet dated 2/17/2020.

1. Change feeder from fan tower disconnect switches to VSD to 'D2' feeder for Franklin High School.

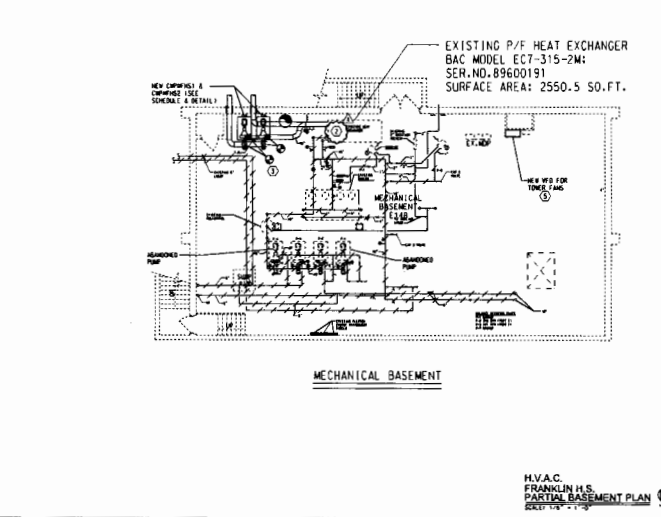
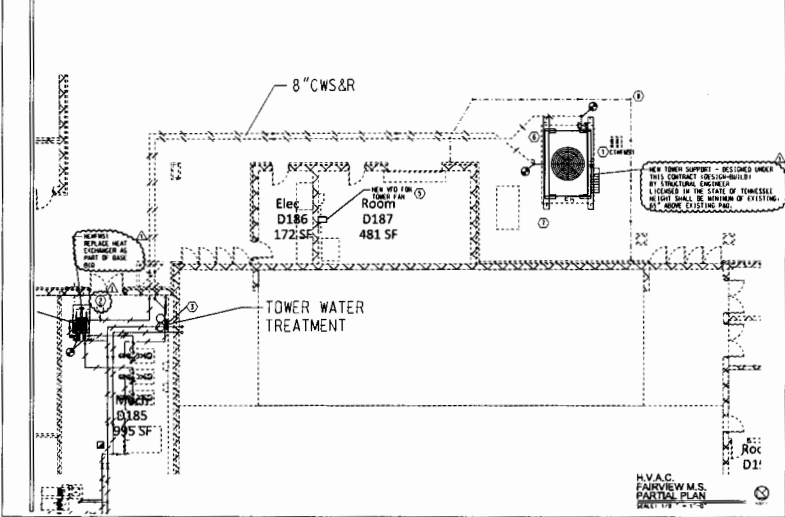
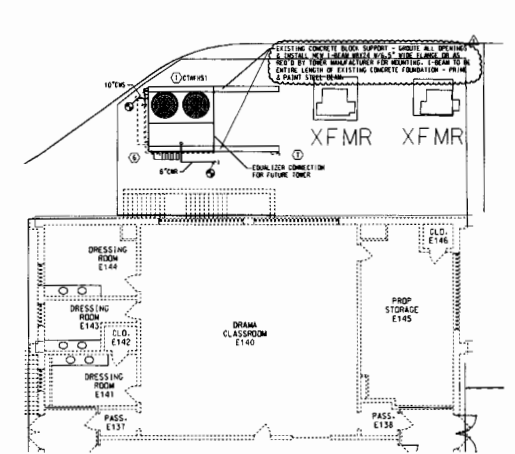
SHEET E2.1 - See revised Sheet dated 2/17/2020.

1. Add feeder 'D2' to the branch circuit and feeder legend.
2. Change NEC reference in branch circuit legend to 2017.

End of Addendum No. 1



- H.V.A.C. HERITAGE M.S. PARTIAL PLAN**
SCALE: 1/8" = 1'-0"
- HVAC PLAN NOTES:**
- REPLACE EXISTING COOLING TOWER, (COORDINATE NEW EQUIPMENT DIMENSIONS WITH EXISTING CONDITIONS - PROVIDE ADDITIONAL SUPPORT AS REQUIRED FOR NEW EQUIPMENT).
 - FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID AND NOTIFY DESIGNER OF ANY CONFLICTS WITH PROPOSED WORK. MAINTAIN BUSINESS DAYS PRIOR TO BID.
 - PROVIDE AND INSTALL NEW STEEL SUPPORTS (CONCRETE OR STEEL FRAMED) FOR NEW TOWER AS REQUIRED. PROVIDE 1" MINIMUM CLEARANCE FOR PROPER SUPPORT. REFER TO EXISTING FILLING AND TO TOWER AND PIPING ISOLATION PANS.
 - REMOVE PIPING AS REQUIRED FOR NEW EQUIPMENT CONNECTIONS.
- HEAT EXCHANGER:**
- REPLACE EXISTING HEAT EXCHANGER WITH NEW, ACCEPTABLE MAKEUP:
 - A) BROWNS CHEMICAL COMPANY.
 - B) ADA-O-GEN.
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 - B) ADA-O-GEN.
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 - A) BROWNS CHEMICAL COMPANY.
 - B) ADA-O-GEN.
- NEW TOWER SUPPORT:**
- REPLACE EXISTING HEAT EXCHANGER WITH NEW, ACCEPTABLE MAKEUP:
 - A) BROWNS CHEMICAL COMPANY.
 - B) ADA-O-GEN.
 - REPLACE EXISTING HEAT EXCHANGER WITH NEW, ACCEPTABLE MAKEUP:
 - A) BROWNS CHEMICAL COMPANY.
 - B) ADA-O-GEN.
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 - A) BROWNS CHEMICAL COMPANY.
 - B) ADA-O-GEN.



COOLING TOWER REPLACEMENTS

AT
Fairview M.S., Heritage M.S.
& Franklin H.S.
Williamson County, TN

ENTECH ENGINEERING INC.
1000 N. WILSON AVENUE
MARIETTA, GA 30067
770.429.1100
www.entecheng.com

Williamson County Schools
Maintenance Department
WCS 853 # 197

Date: 01-31-2020
Job Number: 19-194
Revision: 08-11-2020

Drawn By: E1
Checked By: E1
Sheet Number: M3.1

SECTION 00401

BID FORM

OWNER: Williamson County Schools
1320 West Main Street
Franklin, TN 37064
WCS RFB #1197

ENGINEER: Entech Engineering, Inc.
5301 Virginia Way, Suite 140
Brentwood, TN 37027

PROJECT: Williamson County Schools
Cooling Tower Replacements at Fairview Middle School, Heritage
Middle School, and Franklin High School
Engineer's Project #19-194

A. The Bidder acknowledges in submitting this bid that:

1. Bidder has received, read, and understands the Bidding Documents, has visited the site and become familiar with local conditions under which work is to be performed, has correlated observations with requirements of Bidding Documents, agrees to perform the work stipulated by a subsequent Contract for Construction, furnishing all necessary materials, labor, equipment, and incidentals required, and makes this bid in accordance therewith.
2. The required Bid Security, in the amount of five percent (5%) of the total amount bid, is attached hereto.
3. Failure to complete Bid Form, provide required attachments, or comply otherwise with the instructions to Bidders, may be cause for rejection of bid.
4. The Bidder has received the following addenda:
Addendum No. _____ dated _____
Addendum No. _____ dated _____
Addendum No. _____ dated _____
5. The person who signs this bid on behalf of the Bidder is required to be legally empowered to bind the Bidder to a Contract.

00401-2

- B. This Bidder agrees to:
1. Honor this bid for a period of sixty (60) days following the date of the scheduled opening of bids.
 2. Enter into and execute a contract, if presented on the basis of this bid and certificate(s) of insurance as required.
 3. Accomplish the Work in accordance with the Contract Documents.
 4. Bid the project in accordance with the Standard Form of Instructions to Bidders, AIA Document A701, 1997 Edition, and the General Conditions for the Contract for Construction, AIA Document A201, 1997 Edition.
- C. Sealed Bids Received: Until 2:30 p.m. CST, Wednesday February 19, 2020 at Williamson County School System Central Office, Suite 202, 1320 West Main Street, Franklin, TN 37064, attention: Purchasing Department. No bids shall be accepted after this time.
- D. The following shall be included on the outside of the Bid Envelope:
1. WCS-RFB #1197 – Cooling Tower Replacements at Fairview Middle School, Heritage Middle School, and Franklin High School
 2. Date and time of bid opening.
 3. Primary - General Contractor's name, address, State of Tennessee license number, classification, license expiration date and limits.
 4. All Subcontractor's name, address, State of Tennessee license number, classification, license expiration date and limits and company name included.
- E. The following shall be included inside Bid Envelope:
1. Completed Bid Submittal Form.
 2. Completed form for Certification of Compliance with Tennessee Licensing Law.
 3. 5% Bid Bond Certificate.
 4. Contractor Qualification Statement - AIA 305.
 5. Completed Drug-Free Workplace Affidavit.
 6. Completed Criminal Background Compliance Affidavit.
 7. Completed Certification of Compliance with the Iran Divestment Act
- F. Completed Drawings and Specifications will be made available at Entech Engineering, Inc., 5301 Virginia Way, Suite 140, Brentwood, TN 37027. Plan Deposit: \$50.00 made payable to Williamson County Schools. Deposits will be returned for plans returned within ten (10) days of bid opening.
- G. Owner's Allowance/Contingency for unforeseen conditions: \$10,000 - to be authorized for use only by the Owner's designated representative as deemed necessary. This allowance amount is to be included in the base bid amount. Any portion of this allowance not authorized or used will be subtracted from the final contract value.

BASE BID:

The Bidder agrees to 100% complete/finish the work of the Base Bid and all accepted Alternates, on or before June 15, 2020 at Fairview Middle School, Heritage Middle School, and Franklin High School, including the allowance defined in Paragraph G, for the stipulated sum of (show amount in both words and figures). Amount includes owner's allowance/contingency amount identified above.

_____ and _____ 100ths Dollars
\$ _____

ADD ALTERNATE NO. 1:

Clean heat exchanger at Franklin High School.

_____ and _____ 100ths Dollars
\$ _____

Submitted by:

Authorized
Signature: _____ Date: _____

Name & title:
(Type or print) _____

On behalf of:
(Name of Bidder) _____

Bidder's
E-Mail Address: _____

Bidder's address:
(Please give Street
& Mailing Address
if different) _____

Bidder's
Telephone Number: _____

END OF BID FORM

