

CONSULTING ENGINEERS

5301 VIRGINIA WAY, SUITE 140 BRENTWOOD, TENNESSEE 37027 PHONE: (615)373-2640 FAX: (615)373-4837

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.

- 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

 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.
- 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.

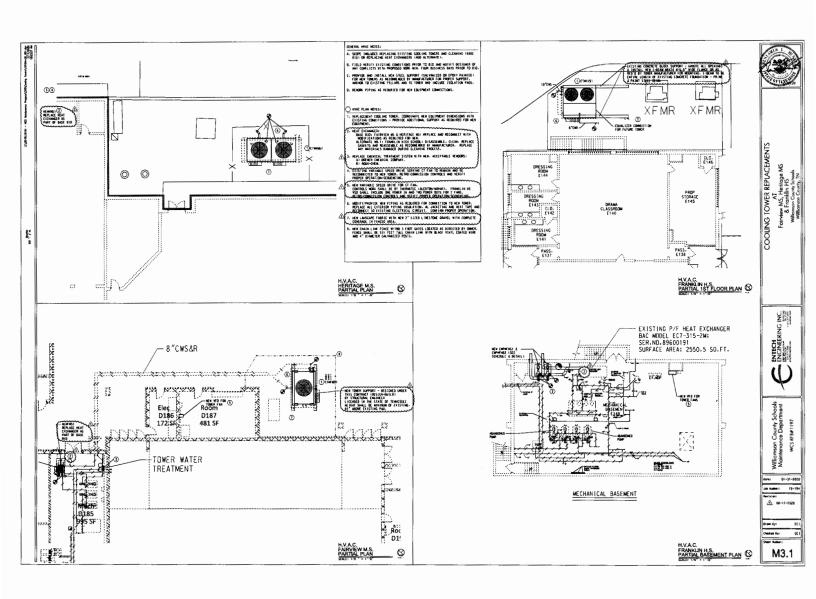
SHEET E1.1 - See revised Sheet dated 2/17/2020.

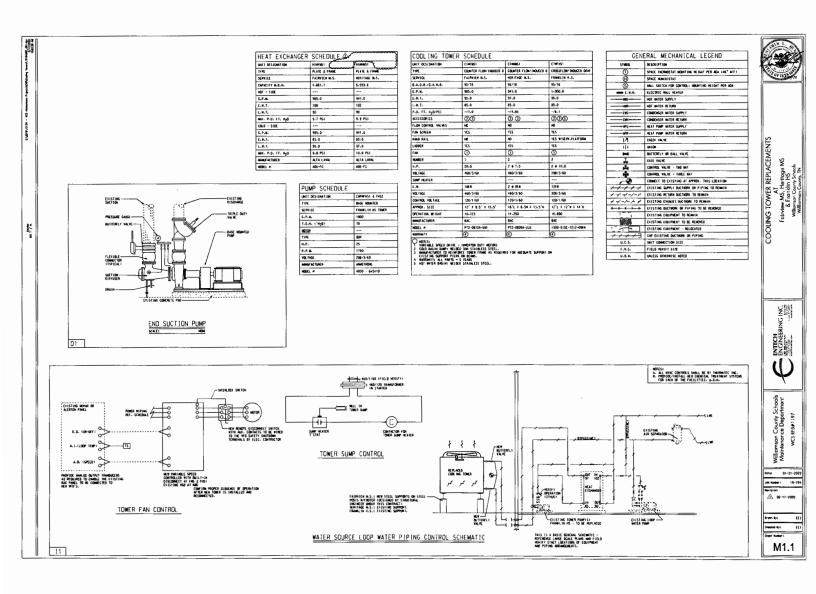
1. Change feeder from fan tower disconnect switches to VSD to 'D2' feeder for Franklin High School.

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





CENERAL HOTES AND SPECIFICATIONS

- A. GUARANTEE ALL MATERIALS AND MOREMMESHIP FOR ONE YEAR FROM DATE OF ACCEPTANCE.

- Localization of the Control of the C

- SPITORS 15 and 1120-1 | 1200-1 | 1200-1 | SPITORS 20 and 1120-1 | 1220-1 | 1220-1 | SPITORS 20 and 1120-1 | 1220-1 | 1220-1 | 1220-1 | SPITORS 1120-1 |
- H. ALL PRINCE MUST OC IN COMOUNT.

 1. COMPRENT OUTSIDE MUST BE MEATHERPROOF. USE MEANT OUTY DISCOMECT SWITCHES.
- J. COMDUST GUTSTOC MUST BE CALVANIZED STEEL OR PMC. AS MOTEO MODEO.
- AUDIE.

 K. USE 6' MAXIMUM LENGTH OF FLEXIBLE COMMITTO FIXTURES.

 L. REMORE TEMPORARY WINING UPON COMPLETION OF WOM. REMOVE UNUSCO EXISTING WIRING UPON COMPLETION OF MUM.
- M. USE BUSS TYPE UPS OR LPH FUSES FOR HOTOPS AND CONTINUENT.
 USE BUSS TYPE KTS OR KTN FUSES FOR PANEL AND TRANSFORMER
 FECORES.
- N. CONTRACTOR SHALL VERIET LOCATIONS OF ALL UTILITIES. MECHANICAL EQUIPMENT AND EQUIPMENT FURNISHED BY OMNEA PRIOR TO ROUGH-IN.
- D. SO NOT INSTALL MORE COMMUNIONS IN A MARKEN CIRCUIT HOMERAM THAN SHOOM.

 P. ALL MORE SHALL BE COMMUNICO WITH OWNER'S AGRESCHILLIVE.
- INSTALL CONTROL BIRING IN BIRINGS "> COMBUT FOR ALL HYAC BAITS TO THERMOSTATS AND ROOF TOF UNITS. (TC. SEE MECHANICAL CONTROL AND BROWFACTURER'S DRAWNIES.

- SECURIO, DE PAREZ SEGUE. SEGUE DE CATALON DE CESTISMO DE CONTROLO DE LOS CONTROLOS DE COMPANIO DE CONTROLO DE CONT

	GENERAL ELECTRICAL LEGEND		
51160.	DESCRIPTION	M76. H01	
0	DUPLEX GROUNDING RECEPTABLE	10" MT	
-	286 VOLT RECEPTACLE, COOMDINATE NEWS TITIE		
0	JUNCTION OF PLAL BOX		
Ø	MOTOR: E.F. DENOTES ENAUST FAN		
SH	MANUAL HOTOR STARTER OR RELAY CONTROL		
8	MACHETIC HOTOR STARTER OR TERMINAL CONNECTION		
-6	SAFETY SWITCH. MY INDICATES NEWS IN. FUSED. U.C.M.		
_	LICHTING OR POWER PANEL		
27772	MAIN OR SUB-DISTRIBUTION PANCE.		
	COMBUIT. CONCERLED IN CEILING OR WALL		
	COMBUIT. CONCEALED IN SLAS OR SELOW FLOOR/GRADE		
	COMBUIT. EXPOSED		
-	CONDUIT, THENING OF		
$\overline{}$	CONDUST. TURNING COMM		
	MEATMENFROOT		
6	CROUNG FAULT CURRENT INTERRUPTING		
#FF	ABOVE FINISHED FLOOR		
10x	UNLESS OTHERWISE MOTED		
FBD	FURNISMED BY CITIERS		

		BRANCH CIRCUITING LEGEND
_	A-1	ONE 1-FOLE EXT HOMERUM TO PANEL A
-10-	A-1,3	THE 1-FOLE EXT HENCEUMS TO PANEL A
	A-1.3.5	THREE 1-POLE CKT HOMERUNS TO PANEL A
-	A-1/3	ONE 2-POLE EAT HOMERUM TO PANEL A
	A-1/3,2/4	THE 2-PELE CAT HOMERUMS TO PANEL A
_	4-1/3/5	CHE 3-POLE CKT HOMERUM TO PANEL A
HOTE: ALL	MA.TI-MIRE	BRANCH CIRCUITS TO COMPLY WITH 2017 NEC 210-4
		——————————————————————————————————————

	BRANCH CIRCUIT AND FEEDER LEGEND					
FEEDER NO.	CONDUIT AND WIRE					
12	اراً - 2 ما2 & 1 ما2 (40).					
A3	1," - 3 #12 & 1 #12 GHD.					
B)	4, - 2 MO & 1 MO CHD.					
62	14" - 3 #10 E 1 #10 GHD.					
¢2	1" - 3 # 5 1 #10 Gab.					
02	1" - 3 MG & 1 M10 GMD.					
F2	114 - 3 #3 £ 1 #0 CHO.					
62	15g - 3 42 8 1 46 6HD.					

- 1. CONTRACTOR TO REFER TO NOTES AND LEGEND FOR DESCRIPTION AND DESCRIPTION OF EXISTING ELECTRICAL TIENS SHOWN ON DESCRIPTION CRANINGS. FERFICAL FOR ALL J.
- 2. EXISTING CIRCUIT BREATERS FEEDING EXISTING LIGHTING, RECEPTACES ON EQUIPMENT, MERK ENTIRE CIRCUIT HAS BEEN MUNICO, TO BE LABELED "PART".
- PLEMENT. TO BE LIMELED "SPANE".

 CONTINUED TO PRIMEN ALL EXISTING CLECTRICAL (DILFMENT)

 FROM ELISTING THILL AND CLEL MESS NEW REMOVED ON WEIGHT FOR

 MAKER THIS CONTROLT. ALL LINESTING COMMITTED ON WHITE FEEDING

 LAID CLECTRICAL EDUITMENT IS TO BE REMOVED. TERMINATED ON

 MOUNTED AND CONTROLTED ON DOWN
 - A. COMBUIT FEEDING SAID EQUIPMENT FROM SLAB TO BE DISCONDECTED AND REMOVED BACK TO SOLNEZ.
 - B. COMBULT FEEDING SAID EQUIPMENT FROM ABOVE DROPPED CELLING TO BE DISCOMPECTED AND MEMORED BACK TO SOURCE.
 - C. ELECTRICA, COMPACTOR TO MAINTAIN THE INTEGRITY OF ALL ELECTRICA COMPACTOR CIPCUING, WHEN ELISTIMS ELECTRICA, EQUIPMENT HAS EAST RESERVOY FROM MOTIONI OF CIRCUIT, MEN WHEN COMPACTOR HAS NOT CIRCUIT.
- ALC EXISTING LIGHTON FIXTURES. RECEPTACLES, SWITCHES, ETC. REING PERONCO AND NOT BEING RELOCATED. TO BE CLEMICO AND TURNED OVER TO DIMER'S REPRESENTATIVE.
- 5. ELECTRICAL CONTRACTOR TO MAINTACH THE INTEGRITY OF ALL EXISTING CONCURRY TO REMAIN.
- ALL ELECTRICAL COLLINEARY SAGAM IS FROM EXISTING GRAMINGS
 AND FIELD DESERVATION AND IS TO GC UNCO AS A QUICK FOR
 GOLFMAN LOCATIONS. CONTRACTOR TO VISIT SHE OFFORE
 GOODING AND FIELD TREATY ZISTING CONDITIONS.



COOLING TOWER REPLACEMENTS
Forwiew MS, Funition MS
William HTS
William Expension See to the See to



Williamson County Schools Maintenance Department WCS RFB#1197

Delet 01-51-2020 Jan number 1 19-194 Chapter by: E2.1

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 isited 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, abor, 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			

The person who signs this bid on behalf of the Bidder is required to be legally empowered to bind the Bidder to a Contract.

5.

00401-2

- B. This Bidder agrees to:
 - 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:
 - WCS-RFB #1197 Cooling Tower Replacements at Fairview Middle School, Heritage Middle School, and Franklin High School
 - Date and time of bid opening.
 - 3. Primary General Contractor's name, address, State of Tennessee license number, classification, license expiration date and limits.
 - 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.
 - 5% Bid Bond Certificate.
 - 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 <u>only</u> 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.

	an	d 100ths Dollars
ADD ALTERNATE NO. 1:	\$_	
Clean heat exchanger at Franklin High S	School.	
	an	d 100ths Dollars
	\$_	
Submitted by:		
Authorized Signature:		
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

