



ROANOKE COUNTY

Purchasing Division

5204 Bernard Drive, Suite 300-F, P.O. Box 29800
Roanoke, Virginia 24018-0798
TEL: (540) 772-2061 FAX: (540) 772-2074

April 11, 2022

ADDENDUM NO. 1 TO ALL BIDDERS/OFFERRORS:

Reference – RFP 2022-083

Description: Hidden Valley Middle Cooling Tower Replacement

Issue Date: March 31, 2022

Proposal Due: April 14, 2022

The above Project is hereby changed as addressed below:

1. Clarification of Project Scope: Please see Exhibit 1 to this addendum for revised project plans. In the event of any conflict between this Exhibit 1 and the original project plans included in IFB 2022-083, this Exhibit 1 to Addendum 1 shall rule.
2. Pre-Bid Conference Sign-In Log: See Exhibit 2 to this addendum for a copy of the sign-in sheet from the mandatory pre-bid conference held on April 7, 2022.
3. Responses to Bidder Questions: Please see below for questions submitted by prospective bidders, and the responses provided by the County/RCPS as we are able.
 - a. Is a suction diffuser or wye strainer required for each pump?
RCPS would like to have a strainer on each pump if possible.
 - b. Is a circuit setter and check valve required on discharge of each pump?
RCPS would like to have a check valve on each pump if possible. A circuit setter is not necessary.
 - c. Who is the current controls contractor for this school?
Control equipment is manufactured by Schneider Electric, Continuum Series. RCPS will handle the controls once the equipment has been installed. Contractor must install 2 gauge wells for water temperature sensors.
 - d. On Drawing MD1, note 1, is this work part of the cooling tower replacement project?
Yes, this work is included in the project scope.
 - e. Lead times on cooling towers may be too far out to meet the project completion date. Will the County be extending the completion date for this project?
As stated at the pre-proposal conference, the County/RCPS intends to be realistic regarding project completion. Bidders should indicate their estimated completion date on the bid form. The successful bidder will be expected to communicate effectively regarding lead times and any delays, and provide backup documentation as applicable. RCPS will approve delays as necessary.

Note: A signed acknowledgment of this addendum must be received at the location indicated on the original solicitation either prior to the proposal due date or attached to your proposal. Signature on this addendum does not substitute for your signature on the original proposal/bid document. The original proposal/bid document must be signed.

Thank you,

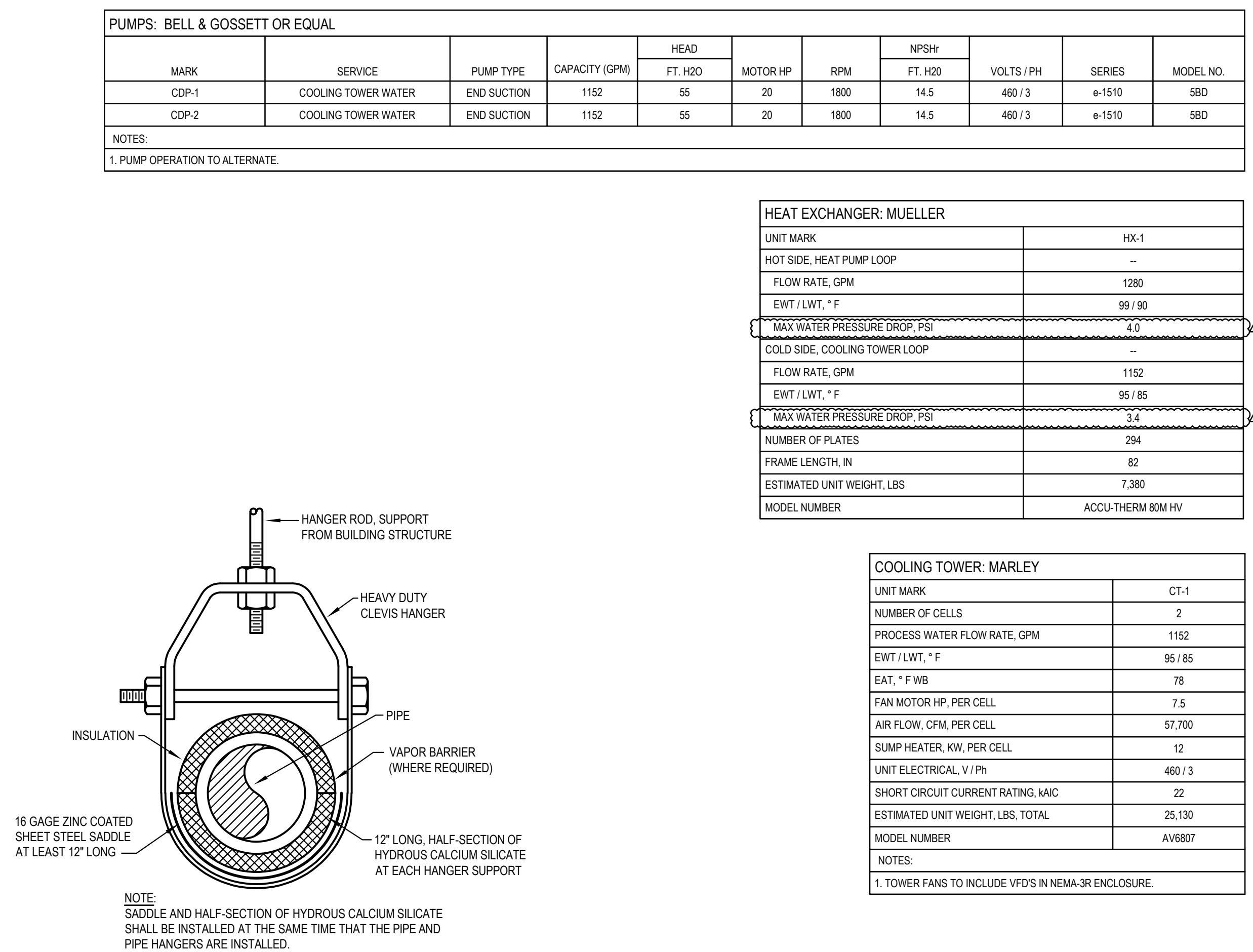
Kate Hoyt
Phone: (540) 283-8149
KHoyt@roanokecountyva.gov

Sign Name:

Print Name:

Name of Firm:

Date:



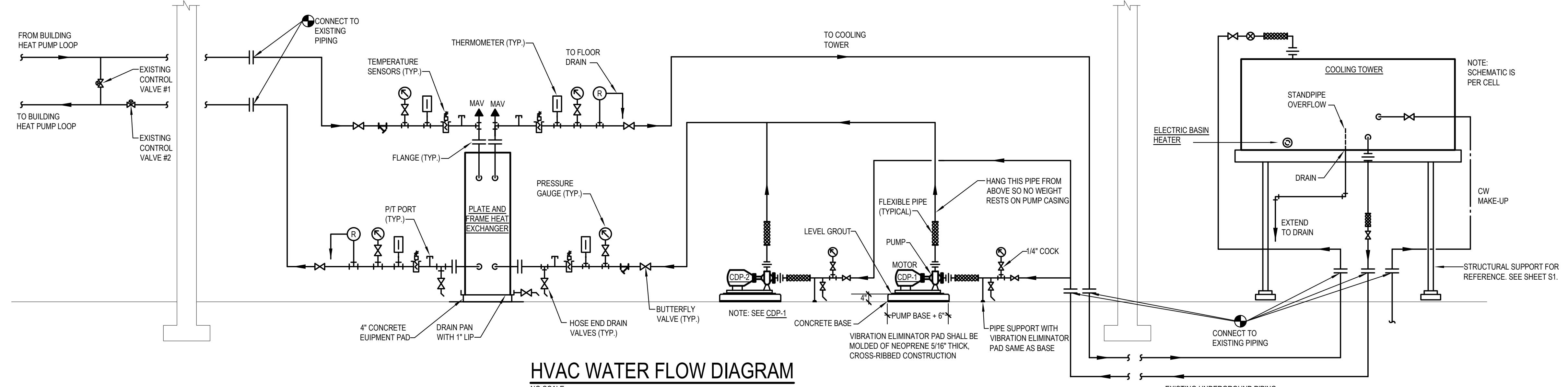
GENERAL NOTES:

1. DRAWINGS ARE DIAGRAMMATIC IN NATURE. ALL PIPING SHALL BE COORDINATED WITH OTHER NEW AND EXISTING DUCTS, PIPES, LIGHTS, STRUCTURAL SYSTEM, AND FRAMING BEFORE INSTALLATION. PIPE OFFSETS SHALL BE PROVIDED AS REQUIRED.
2. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTRUCTIONS.
3. CONTRACTOR SHALL SEAL AND FLASH ALL PENETRATIONS IN EXISTING WALLS.
4. VERIFY WALL OPENINGS WITH STRUCTURE.
5. VERIFY THE LOCATION OF ALL SENSORS, PANELS AND CONTROL INSTRUMENTS WITH THE OWNER PRIOR TO ROUGH-IN.
6. VERIFY LOCATIONS OF NEW AND EXISTING EQUIPMENT AND ROUTE OF PIPING WITH EXISTING CONDITIONS.
7. CONTRACTOR SHALL PROVIDE ALL SUPPORTS REQUIRED TO MOUNT MECHANICAL EQUIPMENT AND PIPING.
8. WHERE PIPE CONNECTIONS ARE SHOWN CONNECTING TO EXISTING, CONTRACTOR SHALL DETERMINE EXACT LOCATIONS AND CONNECTION SIZES PRIOR TO INSTALLATION.
9. PIPE INSULATION ON EXISTING PIPING THAT IS DAMAGED OR REMOVED FOR NEW WORK SHALL BE REPLACED, REPAIRED AND SEALED AS REQUIRED TO MATCH EXISTING.
10. EXPOSED PIPING RUNOUTS SHALL BE INSTALLED IN PRACTICAL ALIGNMENT WITH THE BUILDING AND SHALL BE ADEQUATELY SECURED TO THE BUILDING STRUCTURE.
11. PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL PANELS. COORDINATE INSTALLATION OF PIPING WITH EXISTING ELECTRICAL PANELS.

DEMOLITION NOTES:

1. THE CONTRACTOR SHALL REMOVE OR ALTER AS NECESSARY ALL EXISTING PIPING, EQUIPMENT AND APPURTENANCES THAT ARE NOT REQUIRED FOR THE EXISTING SYSTEMS TO REMAIN. CONTRACTOR SHALL VISIT THE SITE TO DETERMINE THE SCOPE OF THIS WORK AND VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING BIDS.
2. EXISTING EQUIPMENT SHALL BE TURNED OVER TO THE OWNER, UNLESS DIRECTED OTHERWISE AND LOCATED AS DIRECTED BY THE OWNER. ALL OTHER ITEMS TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND REMOVED FROM THE PREMISES.
3. INSULATION ON EXISTING PIPING THAT IS DAMAGED OR REMOVED DUE TO THE DEMOLITION WORK SHALL BE REPLACED AND SEALED AS REQUIRED.

HVAC LEGEND	
ABOVE	ABV
BALANCING VALVE	Z
CHECK VALVE	CS(GPM)
CIRCUIT SETTER	CDP
CONDENSER WATER PUMP	CDR
CONDENSER WATER RETURN PIPE	CDS
CONDENSER WATER SUPPLY PIPE	D
DRAIN PIPE	CFM
CUBIC FEET PER MINUTE	°F
DIRECTION OF SLOPE DOWN	DIA
DEGREES FAHRENHEIT	CW
DIAMETER	DB
DIRECTION OF FLOW	EWT
DOMESTIC COLD WATER PIPE	FT
DRY BULB	FPM
ENTERING WATER TEMPERATURE	FL
EXISTING, REMOVE FROM THIS POINT	FRM
FEET	GPM
FEET PER MINUTE	GBV
FLEXIBLE PIPE CONNECTION	HP
FLOOR	IN
FROM	LWT
GALLONS PER MINUTE	MAV
GLOBE VALVE	NC
HORSEPOWER	NO
INCH	LBS
LEAVING WATER TEMPERATURE	PSIG
MANUAL AIR VENT	PD
NEW CONNECTED TO EXISTING	P
NORMALLY CLOSED	S
NORMALLY OPEN	T
PIPING INDICATION WITH RESPECT	TO FLOW
TO FLOW	BOTTOM TAKEOFF
SIDE CONNECTION	TOP TAKEOFF
TOP TAKEOFF	TURN DOWN OR FROM BELOW
TURN DOWN OR FROM BELOW	TURN UP OR DOWN
TURN UP OR FROM ABOVE	POUNDS
POUNDS	POUNDS PER SQUARE INCH GAGE
POUNDS PER SQUARE INCH GAGE	PRESSURE DROP
PRESSURE GAUGE	PRESSURE GAUGE
PRESSURE RELIEF VALVE	RPM
REVOLUTIONS PER MINUTE	SERVICE VALVE
SERVICE VALVE	STRAINER
STRAINER	THERMOMETER
THERMOMETER	THOUSAND BTU PER HOUR
THOUSAND BTU PER HOUR	MBH
TWO-WAY CONTROL VALVE	UNION



HIDDEN VALLEY MIDDLE SCHOOL
COOLING TOWER REPLACEMENTS
ROANOKE, VIRGINIA
HVAC LEGEND, GENERAL NOTES, DEMO NOTES,
DETAILS, FLOW DIAGRAM, AND SCHEDULES

DESIGNED	RWR	DRAWN	RWR
CHECKED	RDF	APPROVED	RDF
COMM. NO.	21101.51	DATE	12-13-21
SHEET	M0		



IFB #2022-083 HVMS Cooling Tower Replacement
Pre-Bid Conference Sign-In Log

April 7, 2022 9:30 AM

(PLEASE PRINT)

Name/Title REN OBGAUGH OWNER
Organization OBGAUGH HVAC MECHANICAL
Email & Phone BOBGAUGH@OBGAUGHHVAC.COM

Name/Title John Sink outside Sales
Organization Obgaugh HVAC Mach
Email & Phone jsink@obgaughhvac.com

Name/Title Steve Burton, Project Manager
Organization CSE Inc.
Email & Phone Steve.Burton@cseonline.net

Name/Title Greg Dooley
Organization CSE Inc. Branch Manager
Email & Phone Greg.Dooley@cseonline.net

Name/Title Fred Burton
Organization Southern Air Inc.
Email & Phone frederick.burton@southern-air.com 434-841-5861

Name/Title Robert Tyree
Organization SOUTHERN-AIR INC
Email & Phone Robert.Tyree@southern-air.com 434-941-2047

Name/Title Meache Carter
Organization HTK Mechanical
Email & Phone M.carter@htkmechail.com 297-9818

Name/Title Al Ratinier
Organization Building Specialists INC
Email & Phone Dhurst@BSIVA

IFB #2022-083 HVMS Cooling Tower Replacement
Pre-Bid Conference Sign-In Log

April 7, 2022 9:30 AM

(PLEASE PRINT)

Name/Title Sean O'Brien / ACI Client Solutions Manager
Organization ACI
Email & Phone Sean.o'brien@acibuilds.com (540) 239-7412

Name/Title ED PONCE / Proj. Mgr.
Organization Valley Boiler & Mechanical Solutions
Email & Phone solutions@valleyboiler.net

Name/Title Joe Vyhnanek Mechanical Specialist
Organization ACI Atlantic Constructors inc.
Email & Phone joe.vyhnanek@aci.builds.com

Name/Title Travis Quesenberry
Organization RWH Mechanical Sales
Email & Phone travis@RWHayes.net 540-562-0500

Name/Title BILL ROCKEFELLER / PROJECT MGR
Organization VARNEY INC
Email & Phone brockefeller@varneyinc.com 540-741-2133

Name/Title _____
Organization _____
Email & Phone _____

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