REQUEST FOR PROPOSALS (RFP)

Chiller Demolition and Replacement Project

Chickasaw Nation Department of Health

Tishomingo Health Clinic
817 E. 6th Street
Tishomingo, Oklahoma 73460

REQUEST FOR PROPOSALS

RFP Title: General Contractor Services – Chiller Demolition and Replacement

RFP Number: CNDH-THC-2026-CHLR-001

Issue Date: June 29, 2026

Proposal Due Date: July 31, 2026 (2:00 PM Central Time)

Project Location:

Chickasaw Nation Tishomingo Health Clinic
817 E. 6th Street
Tishomingo, Oklahoma 73460

Funding Source:
Federal Grant Funding (Project subject to Davis-Bacon and Related Acts)

Point of Contact:

Billy Alberson
Project Lead
Phone: (580) 399-0830

Deliver or mail bids to:

Shannon Sanders
2020 Lonnie Abbott Blvd.
Rm. 127
Ada, OK 74820
Phone: (580)272-1330

1. Introduction

The Chickasaw Nation Department of Health is soliciting sealed proposals from qualified licensed General Contractors to provide all labor, supervision, equipment, materials (except owner-furnished chiller modules where noted), permits, and incidental services necessary to demolish and replace the existing chilled water system at the Tishomingo Health Clinic.

This project includes demolition of the existing air-cooled chiller, site preparation, concrete work, mechanical modifications, electrical coordination, piping modifications, controls integration, startup, commissioning, testing, and project closeout in accordance with the attached engineering drawings and specifications. The attached engineering package prepared by Forge Engineering LLC shall serve as the basis of design and shall be incorporated into this solicitation.

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2. Project Overview

The project generally consists of:

- Demolition and removal of one existing 170-ton air-cooled chiller
- Recovery and proper disposal of refrigerant by EPA-certified personnel
- Demolition of existing chilled water piping as shown
- Site preparation and concrete slab modifications
- Installation of owner-furnished modular air-cooled chiller system
- Mechanical room piping modifications
- Electrical disconnect/reconnect and coordination
- Controls integration
- Heat tracing of exposed piping
- Testing and balancing
- Startup and commissioning
- Owner training
- Delivery of warranties and O&M manuals

The contractor shall furnish all labor, supervision, rigging, cranes, equipment, temporary protection, permits, transportation, disposal, and miscellaneous materials required for a complete operational installation unless specifically identified as owner furnished.

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3. Scope of Work

The contractor shall perform work in accordance with the engineering drawings and specifications including, but not limited to:

A. Demolition

- Remove existing 170-ton air-cooled chiller.
- Disconnect electrical service.
- Disconnect mechanical piping.
- Recover refrigerant.
- Cap piping as indicated.
- Remove associated piping to designated tee locations.
- Dispose of demolished materials in accordance with applicable regulations.
- Coordinate salvaged equipment with Owner.

Demolition activities shall minimize disruption to clinic operations and require a minimum seven-day notification before shutdowns.

B. Site Preparation

Provide:

- Concrete demolition
- New reinforced concrete equipment pad
- Slab extensions
- Surface preparation
- Doweling into existing slab
- Pressure washing existing slab
- Site restoration

Contractors shall verify field dimensions prior to installation.

C. Mechanical Installation

Install all equipment shown on the drawings including:

- Owner-furnished modular chiller bank
- Chilled water piping
- Isolation valves
- Strainers
- Flow accessories
- Heat tracing
- Supports
- Mechanical room modifications
- Buffer tank connections
- Flow meter installation

The contractor shall install the four owner-furnished modular chiller units as one complete skid-mounted chiller bank.

D. Electrical and Controls

Provide all coordination necessary for:

- Electrical reconnection
- Control wiring
- BAS integration
- Startup controls
- Sequence verification
- Operational testing

E. Startup and Commissioning

Contractor shall provide:

- Factory-authorized startup
- Functional testing
- Control verification
- Performance testing
- Water quality verification
- Owner training
- Final commissioning documentation

F. Temporary Cooling

The engineering plans identify a temporary chiller as an optional requirement.

The contractor shall include **Temporary Chiller Services as a separate bid line item**. If temporary cooling is not required, the Owner reserves the right to deduct this line item from the contract award.

4. Engineering Documents

The attached mechanical drawings titled:

Tishomingo Health Clinic Mechanical Upgrades – Phase 1

prepared by Forge Engineering LLC dated November 10, 2025, are incorporated into this Request for Proposals by reference and establish the minimum project requirements.

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5. Davis-Bacon Requirements

Because this project is funded through a federal grant, the contractor shall comply with all applicable federal labor requirements, including:

- Davis-Bacon and Related Acts
- Certified payroll reporting
- Prevailing wage requirements
- Department of Labor regulations
- Copeland Anti-Kickback Act
- Contract Work Hours and Safety Standards Act
- Equal Employment Opportunity requirements

Certified payrolls shall be submitted weekly throughout construction.

The successful contractor shall ensure all subcontractors also comply.

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6. Contractor Qualifications

Contractors shall provide:

- Oklahoma General Contractor license
- Mechanical contractor license
- Evidence of HVAC experience
- Similar project experience
- Three references
- Proof of insurance
- EMR rating
- OSHA safety program
- Bonding capacity

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7. Insurance Requirements

Minimum insurance shall include:

- Commercial General Liability
  - $1,000,000 Each Occurrence
  - $2,000,000 Aggregate
- Automobile Liability
  - $1,000,000 Combined Single Limit
- Workers Compensation
  - Statutory
- Employer's Liability
  - $1,000,000

Certificates shall name the Chickasaw Nation as Additional Insured where applicable.

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8. Bonds

The successful contractor shall furnish:

- 5% Bid Security
- 100% Performance Bond
- 100% Payment Bond

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9. Mandatory Site Visit

A mandatory pre-bid site visit will be conducted during the period:

July 6, 2026 through July 10, 2026

The exact meeting date and time will be coordinated through:

Billy Alberson
(580) 399-0830

Attendance is mandatory.

Only contractors attending the site visit will be eligible to submit proposals.

10. Questions

Questions shall be submitted in writing no later than five (5) business days before the proposal's due date.

Responses will be distributed through an official addendum.

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11. Proposal Requirements

Proposals shall include:

- Company Information
- Contractor Qualifications
- Project Team
- Relevant Experience
- Proposed Schedule
- Safety Program
- References
- Insurance Certificates
- Proposed Warranty
- Cost Proposal
- Alternates
- Temporary Chiller Line Item
- Exceptions (if any)

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12. Bid Form

Provide pricing for:

Item	Description
Base Bid	Complete demolition and replacement project
Alternate No. 1	Temporary Chiller Services
Alternate No. 2	Additional work identified during field verification (Unit Pricing)

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13. Proposed Schedule

Milestone	Date
RFP Issued	June 29, 2026
Mandatory Site Visit	July 6–10, 2026
Questions Due	July 24, 2026
Proposal Due	July 31, 2026
Anticipated Award	August 2026
Construction Start	To Be Determined

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14. Warranty

Provide:

- Minimum one-year workmanship warranty.
- Manufacturer warranties for all installed equipment.
- Warranty shall begin after final acceptance.

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15. Closeout Requirements

Prior to final payment, contractor shall provide:

- As-built drawings
- Startup reports
- Test reports
- O&M manuals
- Warranty documents
- Certified payroll documentation
- Final lien waivers
- Training documentation

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16. Owner Rights

The Chickasaw Nation reserves the right to:

- Reject any or all proposals.

- Waive informalities.
- Request clarification.
- Negotiate scope.
- Award in the best interest of the Chickasaw Nation.
- Cancel the solicitation at any time.

Attachments

1. Forge Engineering LLC – *Tishomingo Health Clinic Mechanical Upgrades – Phase 1* (Mechanical Drawings and Specifications)
2. Davis-Bacon Wage Determination **OK20260040, Modification 1 (05/18/2026)** advertisement)

Chickasaw Nation Tishomingo Health Clinic

817 E 6th St, Tishomingo, OK 73460

List of Sheets Included in Set

Sheet Number	Sheet Name	Sheet Issue Date
M-101	Mechanical Cover Sheet	November 10, 2025
M-102	Existing Mechanical Site Plan	November 10, 2025
M-103	Chiller Demolition Plan	November 10, 2025
M-104	Site Preparation Plan	November 10, 2025
M-105	Chiller Replacement Plan	November 10, 2025
M-106	Mechanical Room Remodel Plan	November 10, 2025
M-107	Chilled Water System Diagram	November 10, 2025
M-108	Mechanical Schedules and Controls	November 10, 2025

Prepared for: The Chickasaw Nation

Prepared by: Forge Engineering LLC

State of Oklahoma Licensed Professional Engineer
CA #9492

General Project Notes

1. **Code Compliance**
   - A. All work shall comply with 2018 International Mechanical Code (IMC) and 2018 International Building Code (IBC).
   - B. All electrical work shall comply with the 2017 National Electrical Code (NEC).
   - C. Refrigeration systems shall comply with ASHRAE Standard 15-2016 "Safety Standard for Refrigeration Systems" and ASHRAE Standard 34-2019 "Designation and Safety Classification of Refrigerants.
2. **Permits and Approvals**
   - A. Contractor shall obtain all required permits prior to commencement of work, including but not limited to mechanical and electrical permits as applicable.
   - All work is subject to inspection and approval by the Authority Having Jurisdiction (AHJ).
   - C. Final performance testing results shall be submitted to the AHJ prior to final closeout.
3. **Coordination Requirements**
   - A. Contractor shall coordinate all work with existing building systems and other trades to ensure proper clearances, access, and system integration prior to start of work.
   - B. Verify all existing conditions in the field prior to fabrication or ordering equipment. Report any discrepancies to the Engineer immediately.
   - C. Coordinate utility work shutdowns, and tie-ins with building management and other affected parties. Provide 48 hour minimum notice.
4. **Safety and Environmental**
   - A. All refrigerant handling shall be performed by EPA-certified technicians. Proper refrigerant recovery, recycling, and disposal procedures shall be followed per EPA Section 608 regulations.
   - B. Lockout/Tagout (LOTO) procedures shall be followed for all electrical and mechanical isolation during construction.
   - C. Material Safety Data Sheets (MSDS) shall be available on-site for all chemicals and refrigerants used.
5. **Quality Assurance**
   - A. All equipment shall be factory-tested and certified prior to shipment. Submit factory test reports for review.
   - B. All field joints in refrigerant piping shall be pressure tested with nitrogen and leak tested prior to system charging.
6. **Construction Procedures**
   - A. Existing chilled water system shall remain operational during construction until new system is ready for startup, unless noted otherwise approved by owner. Temporary chillers may be required to maintain existing system operations. Contractor to verify.
   - B. Provide temporary weather protection for all equipment and materials stored outdoors.
7. **Documentation**
   - A. Submit complete O&M manuals, warranty documents, and as-built drawings within 30 days of completion.
   - B. Provide equipment cut sheets, performance data, and startup reports for all major equipment.
   - C. All substitutions or deviations from specified equipment require prior written approval from the Engineer.
8. **General**
   - A. Dimensions shown on drawings are to face of equipment unless otherwise noted. Verify all field dimensions prior to equipment ordering.
   - B. All work shall be performed by licensed contractors in accordance with local and state requirements.
   - C. These drawings show design intent. Contractor is responsible for means and methods of construction and compliance with all applicable codes and standards.

Abbreviations and Symbols

IMC	International Mechanical Code
NEC	National Electrical Code
IBC	International Building Code
ASHRAE	American Society of Heating, Refrigeration, and Air conditioning Engineers
AHJ	Authority Having Jurisdiction (Chickasaw Nation Department of Health)
LOTO	Lockout Tagout
MSDS	Material Safety Data Sheets
O&M	Operation and Maintenance
SD	Storm Drain
CHW	Chilled Water
CHWS	Chilled Water Supply
CHWR	Chilled Water Return
CH	Chiller
CHWBT	Chilled Water Buffer Tank
MCA	Maximum Circuit Amps
FLA	Full Load Amps
MOCP	Maximum Over-Current Protection
RTU	Rooftop Unit
AHU	Air Handling Unit

Demo to point indicated.

Connect to point indicated.

Demolish Line

Existing Line

New Line

TISHOMINGO HEALTH CLINIC MECHANICAL UPGRADES - PHASE 1

817 E 6th St, Tishomingo, OK 73460

No.	Description	Date

Preliminary, Not for Construction

CONSTRUCTION DRAWINGS PREPARED FOR:

THE CHICKASAW NATION DEPARTMENT OF HEALTH

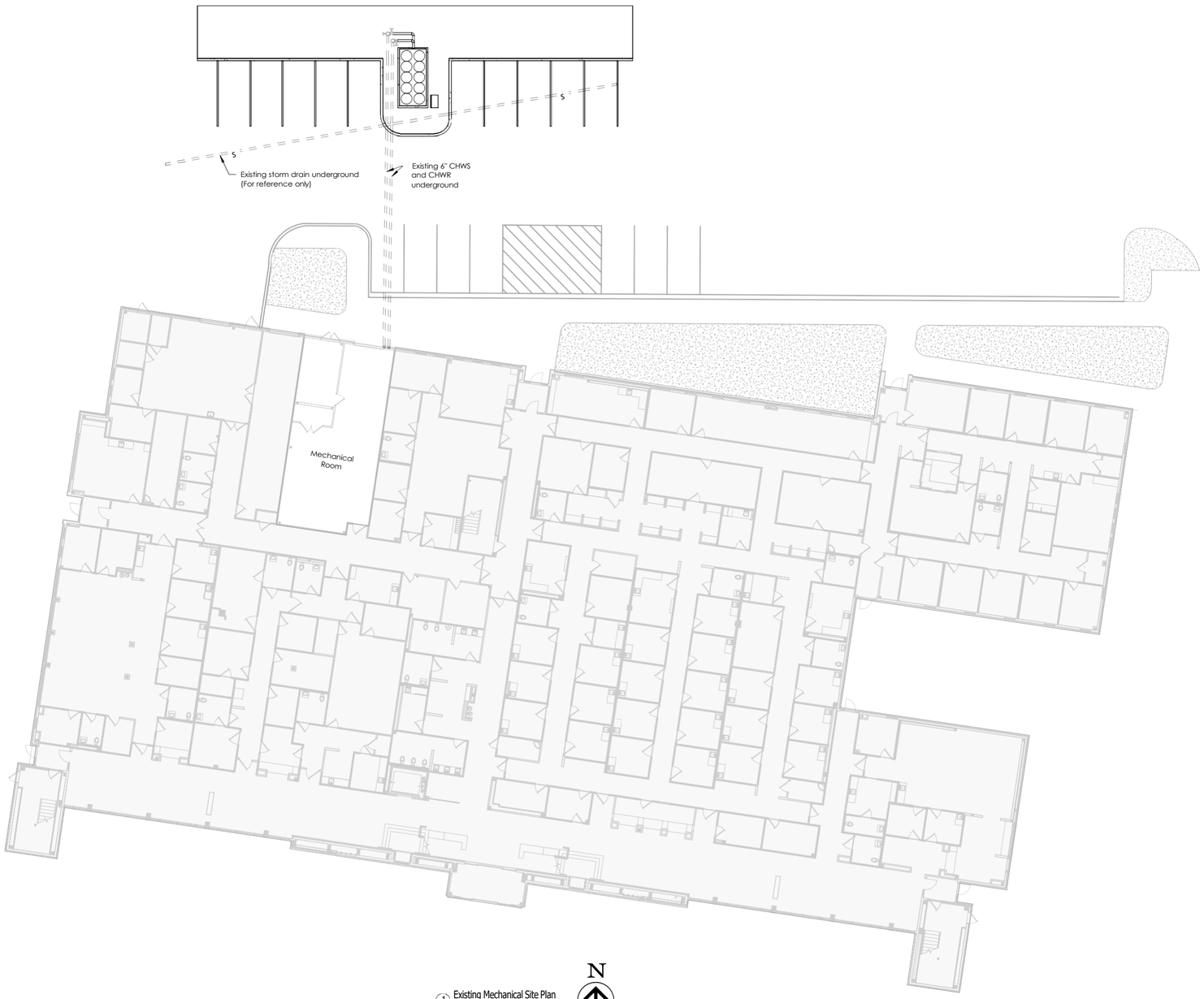
FORGE ENGINEERING
Certificate No. 9492

Mechanical Cover Sheet

Sheet Issue Date

November 10, 2025

M-101



1 Existing Mechanical Site Plan
1/16" = 1'-0"

Sheet Notes

A. This sheet strictly exists for reference of existing conditions and any underground utilities within the scope of this project though no underground work should be required.

TISHOMINGO HEALTH CLINIC MECHANICAL UPGRADES - PHASE 1

817 E 6th St, Tishomingo, OK 73460

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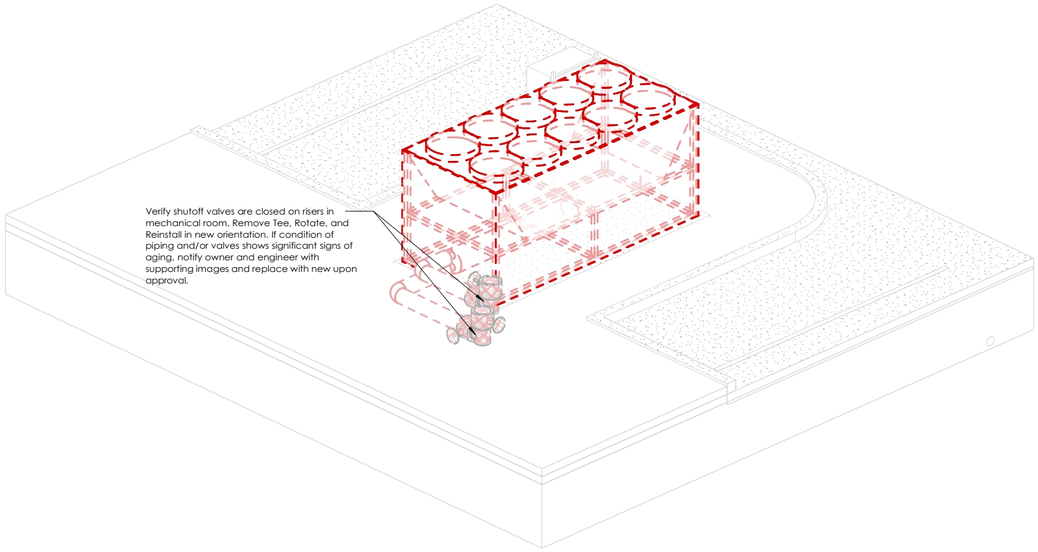
Certificate No. 9492

Existing Mechanical Site Plan

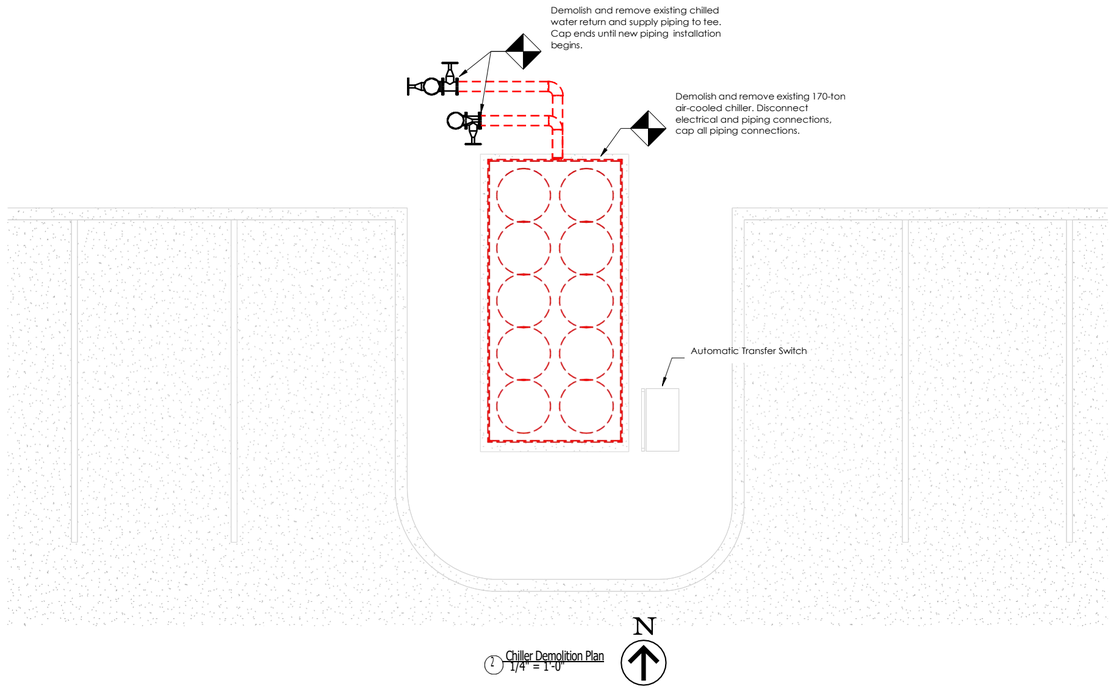
Sheet Issue Date

November 10, 2025

M-102



1 Existing Chiller Isometric



2 Chiller Demolition Plan
1/4" = 1'-0"

Sheet Notes

A. Contractor responsible for safe handling, removal, and legal disposal of all demolished equipment, piping, refrigerant and debris. The contractor shall coordinate with Owner regarding salvaging of equipment. Any items identified by Owner for reuse or retention shall be removed, set aside, and turned over to Owner prior to disposal of remaining demolition materials.
B. Provide all rigging, lifting, and hoisting necessary for removal of equipment. Coordinate crane locations and rigging operations with Owner prior to work.
C. Protect existing structure, finishes, and adjacent equipment during demolition. Any damage caused by demolition shall be repaired at the Contractor's expense.
D. Demolition shall be scheduled to minimize disruption to Owner's operations. Provide minimum 7-days notice prior to any shutdowns.

TISHOMINGO HEALTH CLINIC MECHANICAL UPGRADES - PHASE 1

817 E 6th St, Tishomingo, OK 73460

No.	Description	Date

Preliminary, Not for Construction

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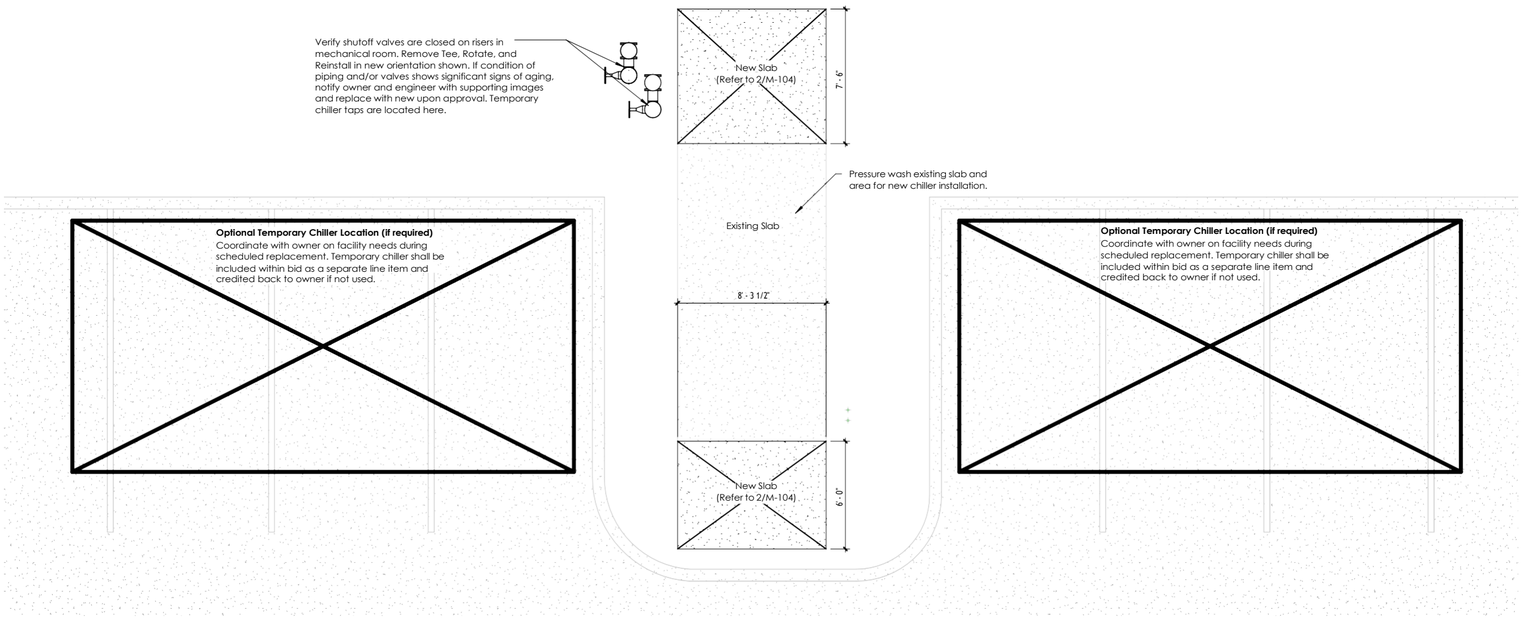
FORGE ENGINEERING
Certificate No. 9492

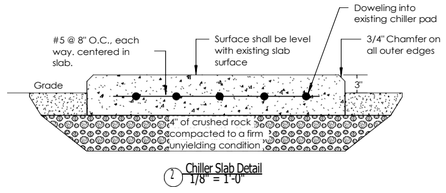
Chiller Demolition Plan

Sheet Issue Date
November 10, 2025

M-103



1 Chiller Site Updates
1/4" = 1'-0"



2 Chiller Slab Detail
1/8" = 1'-0"

Sheet Notes

A. New equipment slabs shall:
   a. Support the entire footprint of the chiller, plus required service clearances and ancillary equipment.
   b. Match or exceed the thickness, strength and reinforcement of the adjacent structural slab. Refer to chiller slab detail.
B. Contractor shall verify new chiller base dimensions and field conditions before slab installation.

TISHOMINGO HEALTH CLINIC MECHANICAL UPGRADES - PHASE 1

817 E 6th St, Tishomingo, OK 73460

No.	Description	Date

Preliminary, Not for Construction

CONSTRUCTION DRAWINGS PREPARED FOR:

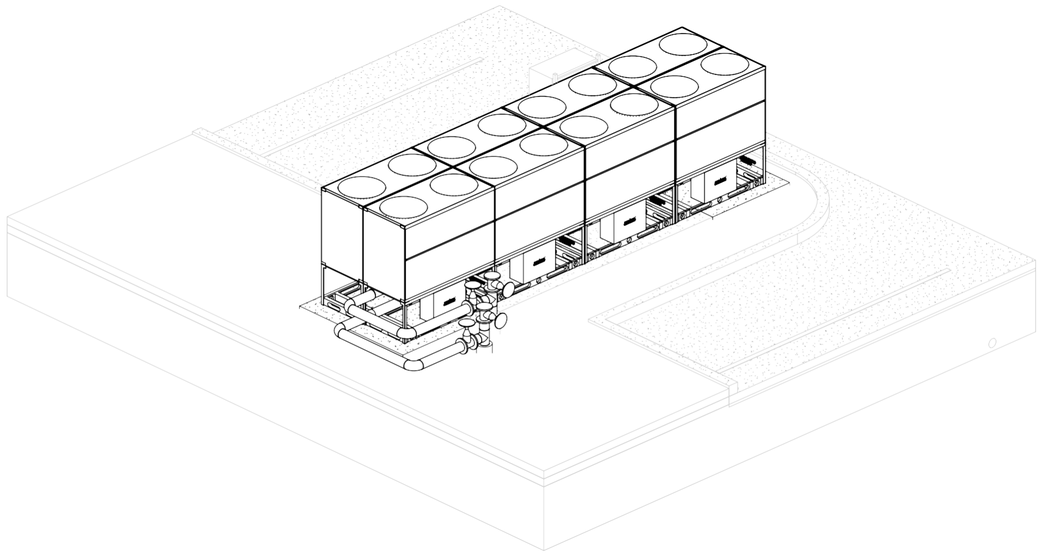
THE CHICKASAW NATION DEPARTMENT OF HEALTH

FORGE ENGINEERING
Certificate No. 9492

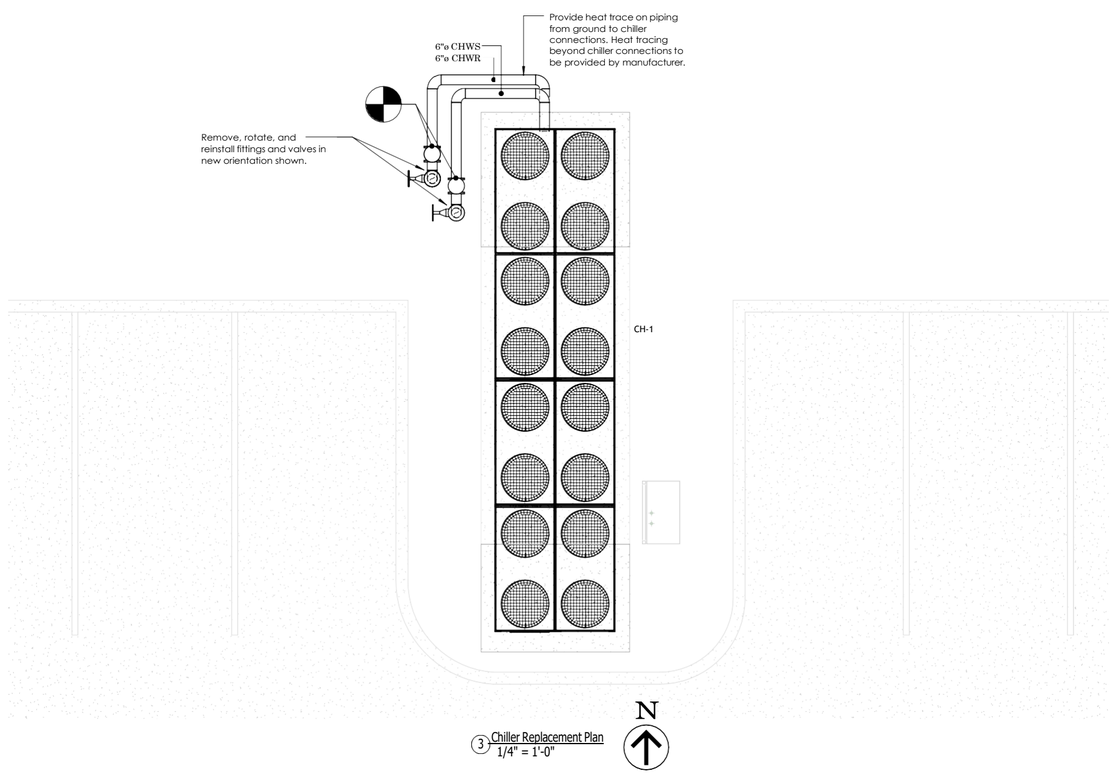
Site Preparation Plan

Sheet Issue Date
November 10, 2025

M-104



1 New Chiller Isometric



3 Chiller Replacement Plan
1/4" = 1'-0"

Sheet Notes

A. All (4) chiller modules are purchased by owner and installed by contractor. Chiller modules shall be skid mounted and installed as one single chiller bank.

B. Prior to startup, contractor to coordinate with owner on existing water quality reports to ensure water quality complies with manufacturer warrantee requirements:

Ammonia	Less than 2.0 mg/l
$CaCO_3$	30 - 500 mg/l
Chlorides	30 - 500 mg/l
Chlorine (free)	Less than 200 mg/l
Dissolved Solids	Less than 1000 mg/l
Iron	Less than 5.0 mg/l
Manganese	Less than 0.4 mg/l
Nitrate	Less than 100 mg/l
pH	7.0 - 9.0
Sulphate	Less than 200 mg/l

Note that failure to provide adequate filtration or treatment of brazed-plate heat exchanger may void module's warranty.

TISHOMINGO HEALTH CLINIC MECHANICAL UPGRADES - PHASE 1

817 E 6th St, Tishomingo, OK 73460

No.	Description	Date

Preliminary, Not for Construction

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THE CHICKASAW NATION DEPARTMENT OF HEALTH

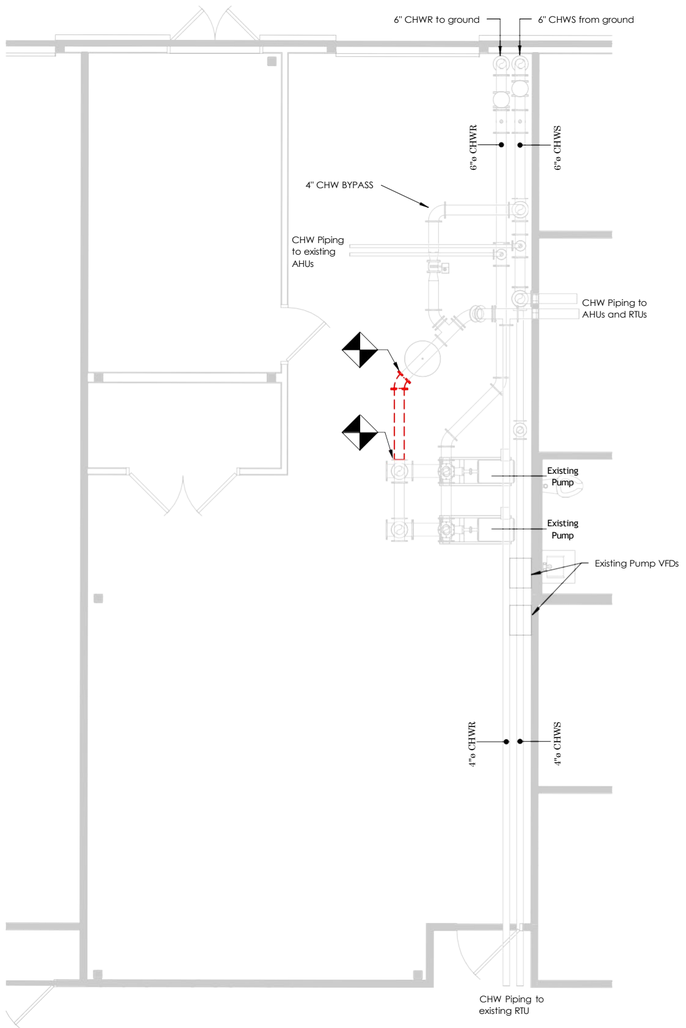
FORGE ENGINEERING
Certificate No. 9492

Chiller Replacement Plan

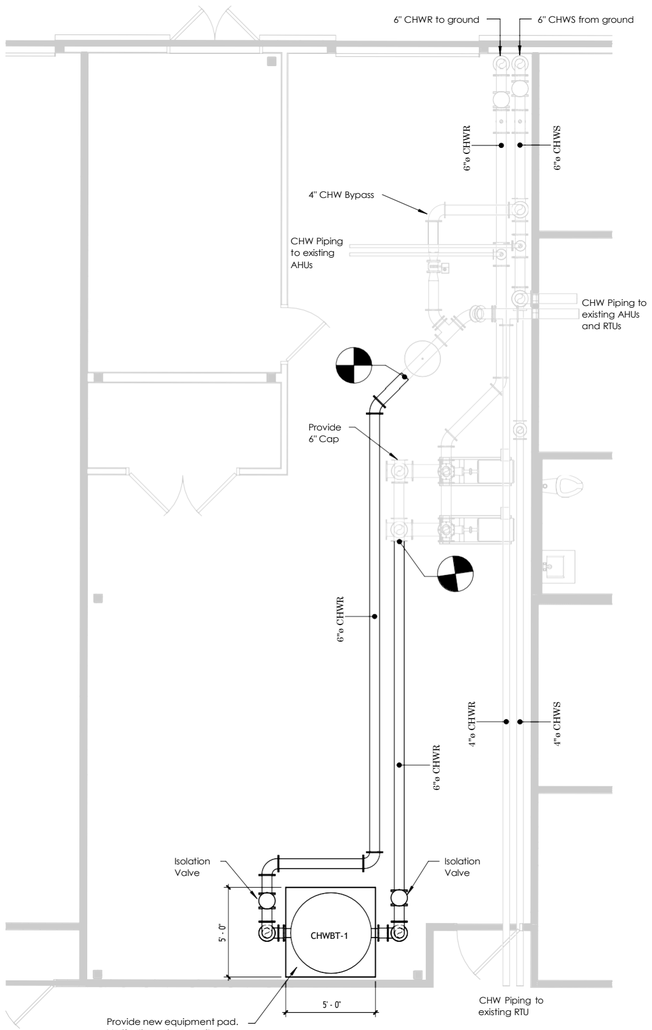
Sheet Issue Date

November 10, 2025

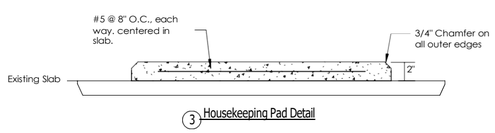
M-105



1 Mechanical Room Demo Plan
1/4" = 1'-0"



2 New Mechanical Room Plan
1/4" = 1'-0"



3 Housekeeping Pad Detail

Sheet Notes

A. Contractor responsible for safe handling, removal, and legal disposal of all demolished equipment, piping, refrigerant and debris. The contractor shall coordinate with Owner regarding salvaging of equipment. Any items identified by Owner for reuse or retention shall be removed, set aside, and turned over to Owner prior to disposal of remaining demolition materials.
B. Protect existing structure, finishes, and adjacent equipment during demolition. Any damage caused by demolition shall be repaired at the Contractor's expense.
C. Demolition shall be scheduled to minimize disruption to Owner's operations. Provide minimum 7-days notice prior to any shutdowns.
D. Plan views display chilled water piping changes and new equipment installation requirements, not all work such as control changes are displayed within plan views. Refer to M-107 and M-108 for further details.

TISHOMINGO HEALTH CLINIC MECHANICAL UPGRADES - PHASE 1

817 E 6th St, Tishomingo, OK 73460

No.	Description	Date

Preliminary, Not for Construction

CONSTRUCTION DRAWINGS PREPARED FOR:

THE CHICKASAW NATION DEPARTMENT OF HEALTH

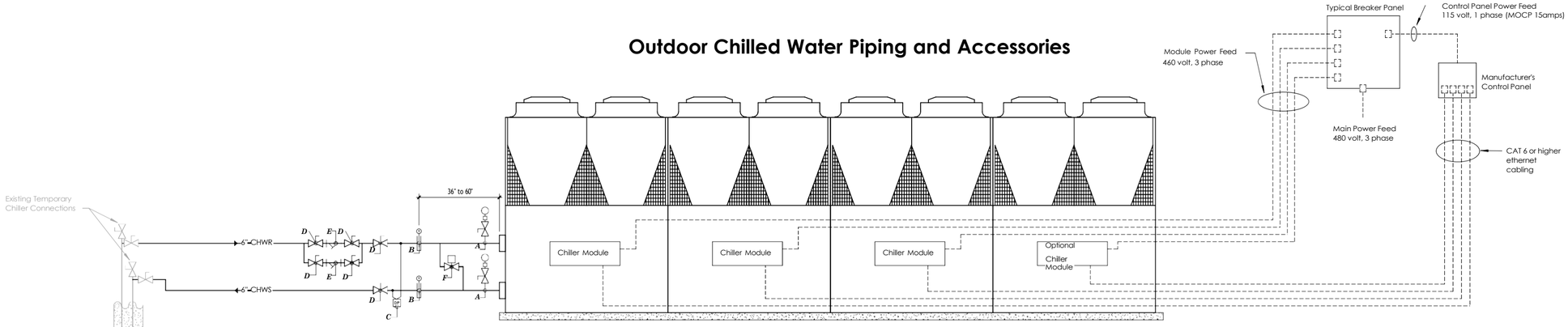
FORGE ENGINEERING
Certificate No. 9492

Mechanical Room Remodel Plan

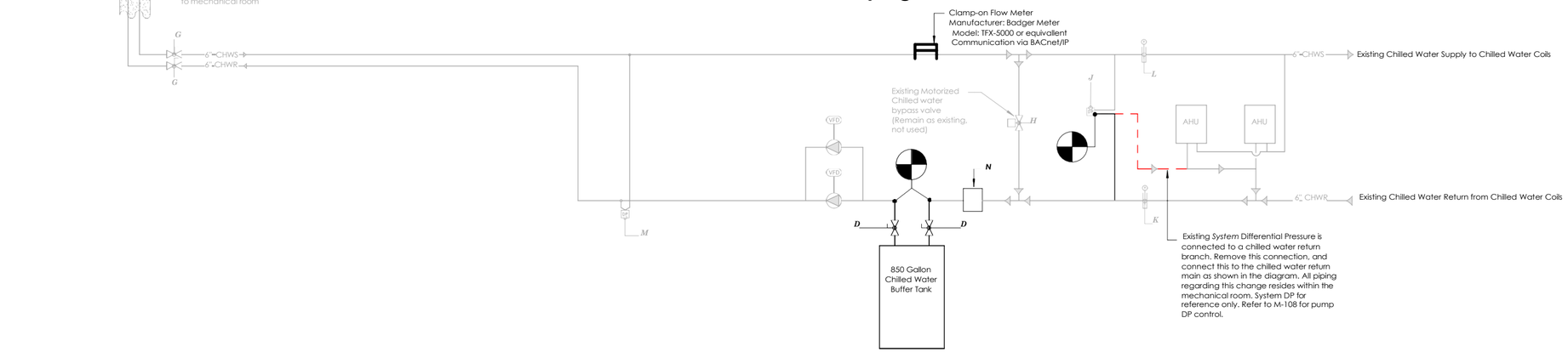
Sheet Issue Date
November 10, 2025

M-106

Outdoor Chilled Water Piping and Accessories



Indoor Chilled Water Piping and Accessories



AIR COOLED MODULAR CHILLER NOTES

A - Pressure Gauge with Snubber and Shutoff Ball Valve
Contractor provided, Contractor install.

B - Temperature Sensor Well(s)
Manufacturer provided, Contractor install. Wire to *Manufacturer's Control Panel*. Manufacturer provides two (2) temperature sensors and wells with 2-pipe chiller systems.

C - Differential Pressure Flow Proving Sensors
Manufacturer provided, Contractor install. Wire to *Manufacturer's Control Panel*. This sensor shall not be used for controlling pumps. Contractor must provide access ports for differential pressure sensors. Being a Two-pipe model, the manufacturer's requirement is 4½" pressure taps. If a port is shared by the pressure differential flow sensor and the pressure gauge it will require two (2) ½-inch taps.

D - Manual Butterfly Isolation Valve
Contractor provided, Contractor install.

E - 40 Mesh Wye Strainer
One strainer is Manufacturer provided, additional bypass strainer to be contractor provided, both strainers are contractor installed.

F - Header Bypass with Valve Kit
Manufacturer provided, Contractor install. Wire to *Manufacturer's Control Panel*

G - Existing Manual Isolation Valve

H - Existing Motorized Chiller Bypass Valve

J - Existing Chilled Water System Differential Pressure Sensor

K - Existing Chilled Water System Return Temperature Sensor

L - Existing Chilled Water System Supply Temperature Sensor

M - Existing Chiller Differential Pressure Sensor. No longer used, to remain at owner's request.

N - Existing Expansion Tank

TISHOMINGO HEALTH CLINIC MECHANICAL UPGRADES - PHASE 1

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THE CHICKASAW NATION DEPARTMENT OF HEALTH

FORGE ENGINEERING
Certificate No. 9492

Chilled Water System Diagram

Sheet Issue Date

November 10, 2025

M-107

AIR-COOLED MODULAR CHILLER SCHEDULE

Mark	Manufacturer	Model	Number of Modules	Operating Weight (lbs)	Length (in)	Width (in)	Height (in)	Maximum Flow (GPM)	Minimum Flow (GPM)	Entering Water Temperature (°F)	Leaving Water Temperature (°F)	Nominal Capacity (tons)	Derated Capacity (tons)	V / Φ / HZ	MCA	FLA	MOCP
CH-1	ClimaCool	UACS60ABS6002U0010000000000S	4	20,304	328.0	80.5	112.4	512.5	57.0	52	42	240.0	185.2	460 / 3 / 60	466	453	500

Schedule Notes

1	Chiller purchased by owner, installed by contractor.
2	All four (4) modules shall be skid mounted from factory.
3	Provide with Autostand Alone controls option.
4	Provide with six (6) inch water header pipe diameter.
5	Provide with compressor sound blankets.
6	Refrigerant is R454B and the total refrigerant charge is 480 lb.
7	Provide with manufacturer's header bypass kit (required for variable primary chilled water system control)
8	Derated Capacity indicates the maximum capacity of the air cooled chiller at the 20 year extreme dry bulb condition. (ASHRAE WMO #99044, 112.4°F)
9	Chiller must be fitted with a 40 mesh strainer upstream of the heat exchangers.
10	Provide with manufacturer installed heat tracing.
11	Provide with single point power panel.

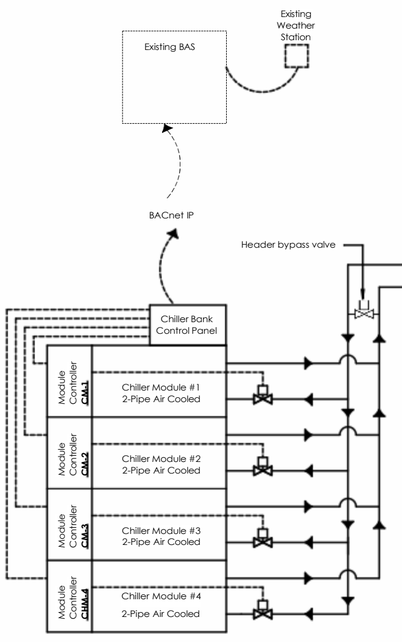
CHILLED WATER BUFFER TANK SCHEDULE

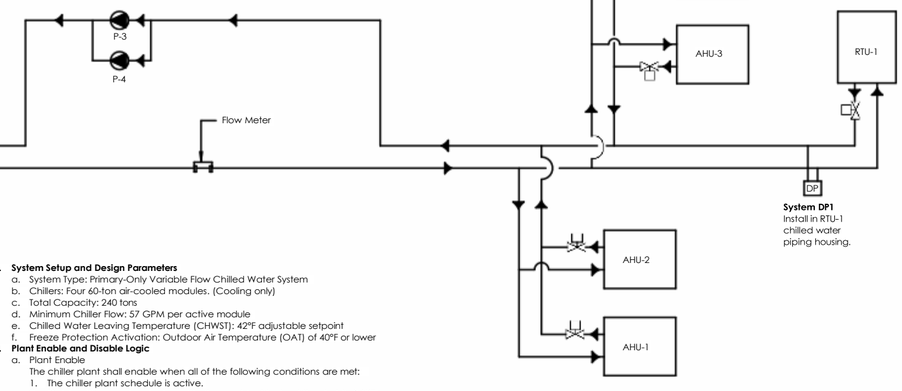
Mark	Manufacturer	Model	Operational Weight (lbs)	Diameter (in)	Height (in)	Capacity (Gal)	Flange Size (in)
CHWBT-1	Midwest Tank	CWST-850	7,500	54	107	850	6

Schedule Notes

1	Chilled water buffer tank to be ASME rated, minimum 125 psi working pressure.
2	Tank capacity meets minimum system volume requirements for chiller operation.
3	Internal baffle required for proper mixing.
4	Chilled water buffer tank shall have factory-applied 2" insulation with full vapor-barrier aluminum or PVC jacketing on all exposed surfaces.

CHILLED WATER SYSTEM CONTROLS SEQUENCE AND DIAGRAM





1. **System Setup and Design Parameters**
   a. System Type: Primary-Only Variable Flow Chilled Water System
   b. Chillers: Four 60-ton air-cooled modules. (Cooling only)
   c. Total Capacity: 240 tons
   d. Minimum Chiller Flow: 57 GPM per active module
   e. Chilled Water Leaving Temperature (CHWST): 42°F adjustable setpoint
   f. Freeze Protection Activation: Outdoor Air Temperature (OAT) of 40°F or lower
2. **Plant Enable and Disable Logic**
   a. Plant Enable
      The chiller plant shall enable when all of the following conditions are met:
      1. The chiller plant schedule is active.
      2. Outdoor temperature is above the low ambient lockout threshold of 41°F.
      3. Cooling demand exists from at least one coil (valve at or near full open).
   b. Plant Disable:
      The plant shall disable when any of the following occur:
      1. The enable schedule is inactive.
      2. No active cooling demand persists for an adjustable time period of 5 minutes.
3. **Variable Primary Cooling Mode**
   a. Pump Operation
      1. The existing 15hp chilled water pumps (P-3 and P-4) operate in lead/lab sequence based on accumulated runtime hours.
      2. The lead pump starts upon a call for cooling before the first chiller is enabled.
      3. Pump speed shall modulate via a reverse-acting PID loop to maintain the adjustable system differential pressure setpoint (SYS-DP-SP) of 5psi. Building automation system shall continuously read each System DP1 and System DP2. The readings shall be compared and the maximum value selected as the control signal for SYS-DP-SP.
      4. The system shall automatically reset SYS-DP-SP downward based on valve position feedback from the most open coil or terminal unit to maintain optimal efficiency.
      5. The lag pump shall start when total system flow exceeds the lead pump's upper limit for an adjustable sustained period of 3min.
      6. The lag pump shall stop when system flow decreases below the staging threshold for an adjustable sustained period of 6min.
   b. Chiller Operation
      1. The chiller control system determines chiller staging, load sharing, and temperature regulation.
      2. The leaving water temperature shall be maintained at an adjustable 42°F, with an automatic upward reset using Trim & Respond logic as load decreases.
      3. Chillers shall stage on and off to meet system load, with lead/lag automatically rotated based on operating hours.
      4. Each chiller module includes motorized isolation valves that:
         1. Close fully when the module is disabled.
         2 Open gradually when enabling to prevent pressure surges or flow transients.
      5. A modulating minimum flow bypass valve shall maintain required minimum system flow using a dedicated PID loop and feedback from a flow meter.
      6. The system ensure minimum flow per operating module (≥ 57 GPM per chiller)
4. **Freeze Protection Mode**
   a. Activation
      Freeze Protection Mode initiates automatically when:
      1. Outdoor Air Temperature (OAT) ≤ 40°F, or
      2. Leaving Water Temperature (LWT) approaches freezing conditions.
   b. Sequence:
      1. The chillers transition to Constant Volume Mode.
      2. All motorized isolation valves open fully to prevent stagnant flow
      3. The chilled water pumps operate to maintain a minimum constant flow of 230 GPM
      4. Heat trace systems energize automatically on exposed piping and external components.
      5. Chiller compressors remain off unless internal protection logic calls for limited compressor operation to prevent refrigerant side freezing.
      6. As current, the air handling units do not have pre-heating to prevent pipe freezing, thus, during freeze protection mode, the existing sequence of flowing water through the chilled water coils on the RTUs will remain. Replacement of RTUs in future phase shall include preheating coils for freeze protection and the furthest RTU (Either RTU-1, RTU-2 or both) shall be installed with bypass valves so the chiller freeze protection can still perform as needed.
   c. Deactivation
      1. Freeze Protection Mode shall deactivate automatically when ambient and water temperatures rise above the protection thresholds for an adjustable sustained period of 1 hour.
5. **Alarms**
   In addition to the chiller module alarms per manufacturer IOM, these alarms shall be implemented within the system and notify the owner.
   a. Chiller Heat Trace Failure
   b. Chiller Freeze Protection Mode Engaged
   c. Chilled Water Pump Overload/Failure
   d. Chilled Water Pump Low Flow Warning
   e. Chilled Water Differential Pressure Sensor Failure
   f. Minimum Flow Bypass Valve Failure to Modulate
   g. Outdoor Air Temperature Sensor Failure
      1. On OAT sensor failure, activate freeze protection mode.
   h. Schedule Failure (Enable/Disable signal missing/invalid)

TISHOMINGO HEALTH CLINIC MECHANICAL UPGRADES - PHASE 1

817 E 6th St, Tishomingo, OK 73460

No.	Description	Date

Preliminary, Not for Construction

CONSTRUCTION DRAWINGS PREPARED FOR:

THE CHICKASAW NATION DEPARTMENT OF HEALTH

FORGE ENGINEERING
Certificate No. 9492

Mechanical Schedules and Controls

Sheet Issue Date
November 10, 2025

M-108

"General Decision Number: OK20260040 05/18/2026

State: Oklahoma

Construction Types: Building

Counties: Oklahoma Counties of
Johnston

Modification Number	Publication Date
0	01/02/2026
1	05/18/2026

BOIL0592-001 01/01/2025

	Rates	Fringes
BOILERMAKER	$ 33.70	24.41

ELEC1141-007 05/26/2025

	Rates	Fringes
ELECTRICIAN	$ 41.40	13.14

ELEC1141-028 05/26/2025

	Rates	Fringes
ELECTRICIAN (LOW VOLTAGE WIRING, ALARM INSTALLATION, AND SOUND AND COMMUNICATIONS SYSTEMS INSTALLATION ONLY)	$ 24.26	9.76

ENGI0627-019 06/01/2025

	Rates	Fringes
POWER EQUIPMENT OPERATOR: GROUP 4 CRANES WITH BOOM INCL. JIB LESS THAN 100 FT AND LESS THAN 3 CU. YD.; OVERHEAD MONORAIL CRANE AND BULLDOZER	$ 34.07	19.05
POWER EQUIPMENT OPERATOR: GROUP 3 ALL CRANE TYPE EQUIPMENT 50 TON CAPACITY AND LARGER CRANES, AND LESS THAN 100 TON CAPACITY. CRANE EQUIPMENT (AS RATED BY MFG.) 3 CU. YD. AND OVER GUY DERRICK WHIRLEY POWER DRIVEN HOLE DIGGER (WITH 30' AND LONGER MAST).	$ 35.40	19.05
POWER EQUIPMENT OPERATOR: GROUP 2 ALL CRANE TYPE EQUIPMENT 100 TON CAPACITY AND LARGER CRANES, AND LESS THAN 200 TON CAPACITY.	$ 36.14	19.05
POWER EQUIPMENT OPERATOR: GROUP 10 OILER.	$ 27.25	19.05
POWER EQUIPMENT OPERATOR: GROUP 1 ALL CRANE TYPE EQUIPMENT 200 TON AND LARGER AND INCLUDING 400 TON CAPACITY CRANES. ALL TOWER CRANES.	$ 38.09	19.05

IRON0048-009 06/01/2025

	Rates	Fringes
IRONWORKER, STRUCTURAL	$ 32.10	17.38

PLUM0344-006 07/01/2025

	Rates	Fringes
PLUMBER (EXCLUDES HVAC PIPE INSTALLATION)	$ 41.00	16.03

PLUM0344-021 07/01/2025

	Rates	Fringes
PIPEFITTER (INCLUDING INSTALLATION OF HVAC ELECTRICAL/TEMPERATURE CONTROLS AND HVAC PIPE INSTALLATION)	$ 41.00	16.03

SHEE0124-014 07/01/2021

	Rates	Fringes
SHEET METAL WORKER (INCLUDING HVAC DUCT INSTALLATION)	$ 33.38	16.36

SUOK2012-020 06/18/2012

	Rates	Fringes
SPRINKLER FITTER (FIRE SPRINKLERS)	$ 21.52	6.00
ROOFER	$ 15.00	0.29
PAINTER: BRUSH, ROLLER AND SPRAY	$ 12.32	0.00
OPERATOR: FORKLIFT	$ 18.02	0.00
OPERATOR: BACKHOE/EXCAVATOR/TRACKHOE	$ 16.83	0.00
LABORER: PIPELAYER	$ 11.65	0.00
LABORER: MASON TENDER - CEMENT/CONCRETE	$ 13.04	0.00
LABORER: MASON TENDER - BRICK	$ 12.00	0.00
LABORER: COMMON OR GENERAL	$ 11.00	0.00
GLAZIER	$ 15.27	1.46
FORM WORKER	$ 16.79	3.12
FLOOR LAYER (HARDWOOD AND CARPET)	$ 18.74	1.10
CEMENT MASON/CONCRETE FINISHER	$ 14.50	0.00
CARPENTER, EXCLUDES ACOUSTICAL CEILING INSTALLATION, DRYWALL HANGING, AND FORM WORK	$ 16.82	2.82
CARPENTER (DRYWALL HANGING ONLY)	$ 14.96	0.00
CARPENTER (ACOUSTICAL CEILING INSTALLATION ONLY)	$ 16.24	0.00
BRICKLAYER	$ 20.00	0.00

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at https://www.dol.gov/agencies/whd/government-contracts.

Note: Executive Order 13658 generally applies to contracts subject to the Davis-Bacon Act that were awarded on or between January 1,

2015 and January 29, 2022, and that have not been renewed or extended on or after January 30, 2022. Executive Order 13658 does not apply to contracts subject only to the Davis-Bacon Related Acts regardless of when they were awarded. If a contract is subject to Executive Order 13658, the contractor must pay all covered workers at least $13.65 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract from May 11, 2026, through December 31, 2026. The applicable Executive Order minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under Executive Order 13658 is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

The body of each wage determination lists the classifications and wage rates that have been found to be prevailing for the type(s) of construction and geographic area covered by the wage determination. The classifications are listed in alphabetical order under rate identifiers indicating whether the particular rate is a union rate (current union negotiated rate), a survey rate, a weighted union average rate, a state adopted rate, or a supplemental classification rate.

Union Rate Identifiers

A four-letter identifier beginning with characters other than ﷺSUﷺ, ﷺUAVGﷺ, ﷺSAﷺ, or ﷺSCﷺ denotes that a union rate was prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2024. PLUM is an identifier of the union whose collectively bargained rate prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2024 in the example, is the effective date of the most current negotiated rate.

Union prevailing wage rates are updated to reflect all changes over time that are reported to WHD in the rates in the collective bargaining agreement (CBA) governing the classification.

Union Average Rate Identifiers

The UAVG identifier indicates that no single rate prevailed for those classifications, but that 100% of the data reported for the classifications reflected union rates. EXAMPLE: UAVG-OH-0010 01/01/2024. UAVG indicates that the rate is a weighted union average rate. OH indicates the State of Ohio. The next number, 0010 in the example, is an internal number used in producing the wage determination. The date, 01/01/2024 in the example, indicates the date the wage determination was updated to reflect the most current union average rate.

A UAVG rate will be updated once a year, usually in January, to reflect a weighted average of the current rates in the collective bargaining agreements on which the rate is based.

Survey Rate Identifiers

The ﷺSU﷽ identifier indicates that either a single non-union rate prevailed (as defined in 29 CFR 1.2) for this classification in the survey or that the rate was derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As a weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SUFL2022-007 6/27/2024. SU indicates the rate is a single non-union prevailing rate or a weighted average of survey data for that classification. FL indicates the State of Florida. 2022 is the year of the survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 6/27/2024 in the example, indicates the survey completion date for the classifications and rates under that identifier.

ﷺSU﷽ wage rates typically remain in effect until a new survey is conducted. However, the Wage and Hour Division (WHD) has the discretion to update such rates under 29 CFR 1.6(c)(1).

State Adopted Rate Identifiers

The ﷺSA﷽ identifier indicates that the classifications and prevailing wage rates set by a state (or local) government were adopted under 29 C.F.R 1.3(g)-(h). Example: SAME2023-007 01/03/2024. SA reflects that the rates are state adopted. ME refers to the State of Maine. 2023 is the year during which the state completed the survey on which the listed classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 01/03/2024 in the example, reflects the date on which the classifications and rates under the ﷺSA﷽ identifier took effect under state law in the state from which the rates were adopted.

WAGE DETERMINATION APPEALS PROCESS

1) Has there been an initial decision in the matter? This can be:

a) a survey underlying a wage determination
b) an existing published wage determination
c) an initial WHD letter setting forth a position on a wage determination matter
d) an initial conformance (additional classification and rate) determination

On survey related matters, initial contact, including requests for summaries of surveys, should be directed to the WHD Branch of Wage Surveys. Requests can be submitted via email to davisbaconinfo@dol.gov or by mail to:

Branch of Wage Surveys
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

Regarding any other wage determination matter such as conformance decisions, requests for initial decisions should be directed to the WHD Branch of Construction Wage Determinations. Requests can be submitted via email to BCWD-Office@dol.gov or by mail to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2) If an initial decision has been issued, then any interested party (those affected by the action) that disagrees with the

decision can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Requests for review and reconsideration can be submitted via email to dba.reconsideration@dol.gov or by mail to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210.

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END OF GENERAL DECISION

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