



GSA FEDERAL SUPPLY SCHEDULE PROPOSAL

Contract# 47QSWA20D002A, SAM UEI# QJFJBF8ZBUM8, CAGE Code# 60532

Customer: Lyon County School District
25 E. Goldfield Avenue

Yerington, NV 89447

ATTN: Kirk McCallum

Proposal #: 7924996

Date: 2/13/025

Job Name: Silverland MS Cooling
Tower Replacement

Terms of Delivery: FOB Destination
Full Freight Allowed

Terms of Payment: ½ % 10 – Net 30 Days

Trane is pleased to provide the enclosed proposal for your review and approval. This proposal is compliant with [Trane's GSA Schedule MAS Contract#47QSWA20D002A](#) and all its associated terms, conditions and negotiated pricing. In the event of a discrepancy between this proposal and the MAS contract, the MAS contract terms and conditions shall govern and take precedence. This proposal is valid for 30 days.

Included in the Proposal – Scope of Work

Mechanical Installation

- Safe off and remove all piping from the existing cooling tower (Electrical SubK will safe off electrical)
- Remove & off haul the existing cooling tower
- Remove & off haul the existing PEP filter pump skid
- Remove & off haul the existing chemical treatment pumps and equipment from the yard wall
- Remove & off haul the existing condenser water piping branches, make up water piping
- Install the new cooling tower and anchor to the existing structural rails
- Furnish & install new condenser water piping for new tower connections sch 40 CS piping with grooved flanges
- Furnish & install new make up water piping for new tower connection
- Furnish & install insulation with aluminum jacketing for make up water line
 - Electrical will install heat trace on this line prior to insulation install
- Furnish & install new drain lines from tower to the existing floor sink
 - 2" drain to be galvanized steel pipe
 - 3" drain to be PVC
- Furnish & install new conductivity loop piping from spray pump riser through the adjacent mop sink room and back to the tower basin
- Furnish & install insulation with aluminum jacketing on exterior piping
 - Electrical will install heat trace on this line prior to insulation install
- Install PEP Filter skid and tie into tower basin sweeper connections (see bid doc)
 - Pump skid piping to be sch 40 CS piping with grooved fittings and connections
 - Pump skid drain to be sch 40 CS piping with grooved fittings (uninsulated)
 - Furnish & install insulation with aluminum jacketing for PEP filter piping to

Electrical Installation

- Safe off and disconnect electrical branch circuitry from Cooling Tower Fans, VFD's, PEP Pump Skid, Chemical Treatment rack & Heat Trace
- Remove and off haul existing Tower VFD's & existing spray pump disconnect.
- Remove existing PEP filter pump skid conduit and wire back to the wall mounted J-box
- Install new tower VFD's



- Furnish & install new disconnect on adjacent wall for the new tower spray pump
- Furnish & install new 120v 20 circuit to a for chemical treatment skid and chemical feeder pumps
- Furnish & install new PEP Pump Filter skid power connections

BMS Controls Installation

- Disconnect Alerton controls from the existing equipment
- Reuse existing Alerton controllers
- Reuse existing OSA temperature sensor
- Integrate new cooling tower into controls system
- Integrate new chemical treatment controller into BMS via BACnet
- Integrate Basin Filter System:
 - Monitor: flush in progress and fault status
 - Control: remote flush start, stop, lockout & System start/stop

General Scope, Assumptions, & Clarifications

- Design and engineering services are by others
- **Trane will provide calculated energy savings to District based on new installation**
- Payment & performance bond has been included
- All equipment will be released for manufacture upon issuance of PO and owner approval of the equipment submittals.
- All work to be performed during normal business hours (7am to 4pm, M-F, non-holidays)
- Equipment Order Release and Services rendered are dependent on receipt of credit approval.
- Trane will not perform any work if working conditions could endanger or put at risk the safety of our employees or subcontractors.
- Lyon County School District to provide adequate area for storage and staging of equipment and construction activities.
- Water Balance will be performed only for the newly installed equipment within this projects scope.
- All (E) Alerton controllers to be reused for BMS control system.

Excluded from the Proposal

- ADA path of travel work
- Design or engineering work of any kind (Trane will assist CR Engineering with scope)
- Building code rectification or remediation
- Inspections & Testing (by owner)
- Repair or replacement of any existing damaged HVAC controls end devices/sensors or actuators that are not meant to be replaced by this projects bid documents
- New DDC controllers
- Furnish, install, wire or terminate any panels/devices related to any systems not explicitly called out above, including (but not limited to): display or workstation, other controllers or control panels, smoke control systems, fire-life safety systems, lighting control systems, power and/or energy monitoring, security, tenant billing systems, etc.
- Asbestos or hazardous material testing & abatement
- Electrical upgrades other than what is detailed in the above scope. It is assumed existing site power is adequate to support the mechanical design without improvements to the infrastructure.
- Temporary HVAC, lighting or power
- Roof work, painting or patching
- Modifications, repair, or additions to ducts, piping, or condensate systems (beyond above scope inclusions)
- Fire life safety systems, fire sprinkler systems, and smoke evacuation systems
- Modification, addition of, or testing of existing duct smoke detectors and fire alarm systems



- Construction fencing, temporary offices, and security
- Wall and ceiling access doors for access to equipment
- Testing and Balancing of any systems beyond cooling tower condenser water
- Structural and/or architectural modifications (beyond above scope inclusions)
- Any item not specifically included in scope of work
- Permit, inspection and utility fees

Open Market Items (as allowed per FAR 8.402(f) for administrative convenience)

- (1) BAC Cooling Tower Model: FXV-1218B-16Q-K CLOSED CIRCUIT COOLING TOWER
 - o (2) Tower Fan VFD's
 - o Stainless Steel Basin
- (1) PEP Pump Filter Skid Model: Spin-Klin Opal Disc Filter System

Pricing Summary

This is a Firm-Fixed-Price (FFP) quote under Trane's GSA MAS Contract. The following is a pricing summary:

Pricing By Special Item Numbers (SINs)

SIN 238910	\$618,020.00
OPEN MARKET ITEMS	\$390,963.00

➤ **LUMP SUM PRICE FOR ENTIRE PROJECT** **\$1,008,983.00**



Respectfully submitted,

Ian Leisle
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This proposal is made subject to Trane’s Commercial Supplier Terms & Conditions located online at www.trane.com/gsaschedule/termsofsale and are hereby incorporated by this reference.



Acknowledgement & Acceptance

COMPANY	_____	BY	_____
PURCHASE ORDER	_____	TYPE OR PRINT	_____
DATE	_____	TITLE	_____