Colton Joint Unified School District

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ADDENDUM NO.1

For

Bid No. #26-08FAC
CalSHAPE AB841 HVAC Optimizing Program
Colton Joint Unified School District

Nov. 14, 2025

NOTICE TO BIDDERS

This Addendum forms a part of the Contract and modified the original documents issued during bidding. It is intended that all work affected by the following modifications shall conform with all related provisions and general conditions of the contract of the original drawings and specifications. Modify the following items wherever appearing in any drawing or sections of the specifications. Acknowledge receipt of Addendum No.1 in the space provide on the Bid Form. Failure to do so may subject bidder to disqualification.

Item 1.0 Gateway Update

The Pelican GW400 Gateway will be replaced with the new GW900 which features Power Over Ethernet (POE). Refer to Addendum #1, Attachment A

Item 2.0 Insurance Requirement

For this Bid, Earthquake and Flood insurance are NOT required. All other insurance requirements per the Bidding Documents remain.

Pre-Bid Clarification Questions

RFI 1: Reconciliation of Equipment Quantities (SOW vs. Drawings)

There is a discrepancy between the total "Monitor Quantity" listed in the Scope of Work (SOW) and the sum of the detailed TC3 Thermostat quantities in the "Exhibit A" Site Drawings. Additionally, specific site totals vary between the two documents.

Site Name	SOW Monitor Quantity	TC3 Quantity in Drawings (Detailed Schedule)	Discrepancy (Drawings vs. SOW)
Crestmore Elementary	34	32	−2
Grand Terrace Elementary	19	21	+2
Mary B. Lewis Elementary	21	28	+7
Walter Zimmerman Elementary	18	21	+3
Michael D'Arcy Elementary	40	37	−3
Joe Baca Middle	49	53	+4
Total Monitors	481	487	+6

Requested Clarification: Please confirm the definitive scope quantity for the Pelican TC3 Thermostats/CO2 Sensors at the sites listed above. Should the contractor base the final bid on the site-specific detailed schedules found in Exhibit A, or must we use the Monitor Quantity totals listed in the SOW tables

Response: The final Base Bid is based on the 'List of Sites for CalSHAPE Scope of Work' found in the 'Scope of Work/Specifications' document. Whenever there is discrepancy between the Scope of Work Table and Exhibit A, defer to the *Scope of Work table. The quantities for only two sites have been updated below:*

1. *The Walter Zimmerman Elementary count **is increased** from 18 to 20 Pelican TC3 Thermostats/CO2 Sensors.*
   - *Pg. 52 – Delete AC-F1 and AC-/F2. They are duplicates already accounted for.*

2. The Joe Baca Middle *count **is increased** from 49 to 53 Pelican TC3 Thermostats/CO2 Sensors.*
3. *The Crestmore Elementary count remains the same at 34 Pelican TC3 Thermostats/CO2 Sensors.*
4. *The Grand Terrace Elementary count remains the same at 19 Pelican TC3 Thermostats/CO2 Sensors.*
5. *The Mary B. Lewis Elementary count remains the same at 21 Pelican TC3 Thermostats/CO2 Sensors.*

6. *The Michael D'Arcy Elementary count remains the same at 40 Pelican TC3 Thermostats/CO2 Sensors.*

RFI 2: Scope Responsibility for Additional Wireless Repeaters

The drawings indicate a required quantity of Pelican WR900 Repeaters per site (e.g., Sycamore Hills requires 10, Bloomington High requires 14) but also include a note stating that "Additional Repeaters shall be installed, if needed, to bridge the entire campus into the Pelican Wireless Mesh Network"

Requested Clarification: If, during or after installation, additional WR900 Repeaters are required to achieve full campus network connectivity (as noted in the drawings), will these additional units be compensated using Unit Cost #3 (cost to install and program one Pelican Repeater WR900 beyond bid quantity), or are we responsible for anticipating and including all necessary repeaters within the Base Bid price?

Response: Any additional WR900 Repeaters units beyond those identified in the 'Calshape Exhibit A - Site Drawings' to bridge the entire campus into the Pelican Wireless Mesh Network" will be compensated using Unit Cost #3 (cost to install and program one Pelican Repeater WR900 beyond bid quantity). This is NOT included in the Base Bid price.

RFI 3: VVT System Component Scope at Joe Baca and Michael D'Arcy

For sites utilizing the Pelican Z8/Z24 Zone Coordinators (such as Joe Baca Middle), the typical wiring diagrams show control of VVT boxes, including required connections for bypass damper actuators and modulating outside damper actuators. The scope lists Z Series Wireless Zone Coordinators and TC3 Thermostats as required materials.

Requested Clarification:
1. Does the scope require the replacement, furnishing, and installation of the VVT box damper actuators and bypass damper actuators associated with the VVT systems at Joe Baca Middle and Michael D'Arcy Elementary?
2. Please confirm if the outside air damper actuator (modulating actuator) for the AHU is also part of the scope of replacement/installation at these sites, or if the scope only covers connecting the Pelican Z-Series coordinator to existing actuators.

Response: 1. The scope does NOT require the replacement, furnishing, and installation of the VVT box damper actuators and bypass damper actuators associated with the VVT systems at Joe Baca Middle. Contractors are to use the existing damper actuators and bypass damper actuators. Note: there is NO VVT system in the SOW at Michael D'Arcy Elementary.

2. Regarding the outside air damper actuator (modulating actuator) for the AHU; replacement of the actuator is NOT part of the Scope of Work at these sites, only connecting the Pelican Z-Series coordinator and any other associated controls parts to existing actuators.

RFI 4: Existing Conduit and Wiring

We are looking to seek clarification about the existing building infrastructure.

Requested Clarification: Is the existing low-voltage wiring, previously utilized by the replaced thermostats (e.g., Venstar, Carrier sensors, etc.), considered suitable for re-use to provide power and D-bus communication (where applicable) to the new Pelican TC3 Thermostats and TA1/PROBE-T1 Sensors, provided the existing wiring meets all necessary codes and specifications for the new components (e.g., gauge, condition).

Response: Yes, the existing low-voltage wiring, previously utilized by existing thermostats (e.g., Venstar, Carrier sensors, etc.), are considered suitable for re-use to provide power and D-bus communication (where applicable) to the new Pelican TC3 Thermostats and TA1/PROBE-T1 Sensors, provided the existing wiring meets all necessary codes and specifications for the new components (e.g., gauge, condition). The recommend wire sizing is 18AWG, only 1 wire per terminal. Each wire must have the capacity to support the amperage draw of the circuit wired in. No "Add-a-wire" devices shall be acceptable.

RFI 5: Contractor's License Required

Please advise if we are able to bid this project with a B, License, C-20 and C-10? The bid documents mention a C-20 and C-7. C-10 (electrical) can perform work of low voltage.

Response: Yes, bidders are able to bid this project with a B License, C-20 and C-10.

RFI 6: Economizer Compatibility

Per the scope of work, there are various locations that will be upgraded to Pelican Pearl which will control the economizers. Some of the Economizer's actuators are not compatible with Pelican Pearl. Please advise if awarded contractor will be responsible for all actuators replacement or will there be a change order for this item?

Response: The Scope of Work does not include any actuator replacement. If in the course of installation there is an incompatibility issue, the contractor will notify the District through an RFI, and the District will either authorize the use of the Allowance for actuator upgrades, or make any repairs or modifications to actuators under consideration. Only proprietary communicating actuators would be incompatible.

End of Addendum No. 1

Attachment: Attachment A

Pelican Gateways - GW Series

Plug-and-Play Networking & Internet Connection

Pelican Gateways provide a secure bridge between on-site Pelican devices and the Pelican Web App. All communication is encrypted and authenticated to exceed commercial security standards, ensuring reliable and protected data transfer.

Calshape Addendum #1
Bid No. #26-08FAC
Attachment A

Product Name	Long Range Dual-Band Gateway	4G LTE Cellular Gateway
Part Number	GW900	GW400-LTE
Network Connection	CAT-5/6 Ethernet switch or router	Pelican AnyWhere Cellular*
Data Rate	10/100/1000 Mbsp, Full-Duplex	N/A
Wireless Frequencies	2.4 GHz & 915 MHz Dual-Mesh Networking	2.4 GHz Mesh Networking
Wireless Standards	IEEE 802.15.4	IEEE 802.15.4
Power Source	PoE (IEEE 802.2af/at)[1]	120V Wall Power Adapter
Input Power	48V DC, 60Hz, 0.25A (POE)	5 V DC, 2.0A
FCC Compliance	Class B part 15	Class B part 15
Dimensions	**3.64 x 5.12-in** (100 x 130 mm)	**7.25 x 3.5 x 1.25-in** (184 x 89 x 32 mm)
Mounting	Wall & Ceiling Mounts Included	Wall
Storage	-20°F –160°F	-20°F –160°F

*The Pelican AnyWhere Cellular Network requires acceptance of Pelican's Cellular Terms of Service and acknowledgment of any associated service costs prior to activation. This cellular service is provided directly by Pelican Wireless Systems and does not require any third-party cellular provider agreements.

[1]If Power over Ethernet (PoE) is not available, a PoE adapter is included with the purchase. Can also be powered by USB-C 5V DC, 2.0A wall power adapter.

INTERNET & WIRELESS NETWORKING

GW900

- Uses a standard Ethernet LAN/WAN port for Internet connectivity
- Integrates seamlessly with existing network infrastructure
- Offers two wireless mesh networks: 2.4 GHz and 915 MHz for effective long- and short-range communication
- Dual-band operation provides extended coverage and improved reliability across large or multi-building facilities

GW400-LTE

- Includes an integrated 4G/LTE modem for cellular Internet connectivity
- Operates independently from on-site IT networks
- Uses the 2.4 GHz wireless mesh network for Pelican device communication
- Connects to the Internet through a 4G LTE cellular network for independent and secure connectivity

Both Gateways:

- Support up to 2,000 Pelican wireless device connections
- Utilize IEEE 802.15.4 networking standards
- Comply with FCC Class B Part 15 regulations
- Co-exist without interference alongside Wi-Fi and other wireless systems
- Self-create and self-heal Pelican's proprietary wireless mesh network for maximum reliability

SECURITY

GW900

- Outbound connection only through a dedicated TCP port — no inbound firewall rules required.
- Default DHCP configuration with optional static IP addressing

Both Gateways:

- End-to-end Advanced Encryption Standard (AES-128) encryption
- Factory private key exchange with Pelican Cloud Authentication Server
- Automatic private/public key exchange and rotation
- 100% network isolation from the client's internal systems
- No Wi-Fi (802.11) connection or password sharing required
- Operates separately from the business's enterprise Wi-Fi network

INCLUDED ACCESSORIES

GW900

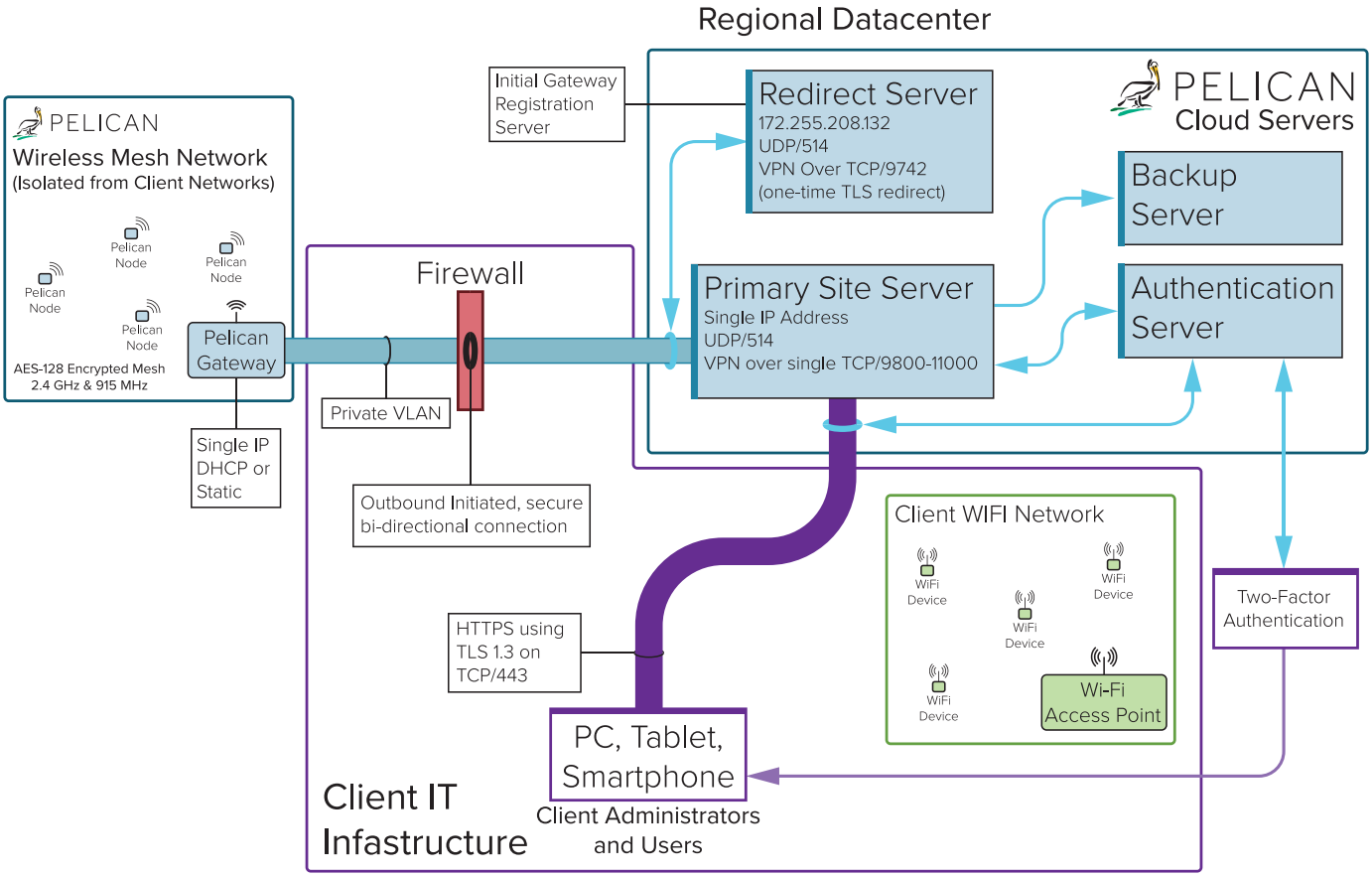
- Ceiling & Wall Mounting Brackets
- PoE Power Adapter
- 10-in CAT5 Ethernet Cable

GW400-LTE

- 120 VAC / 5 VAC Power Adapter

PELICAN

GW900 NETWORK TOPOGRAPHY — for IT Reference



CHOOSING A GATEWAY

Requirement	Recommended Gateway	Description
Site has an Ethernet network	GW900	Connects directly to an existing business Ethernet network using a standard CAT5 connection.
Site lacks an Ethernet network	GW400-LTE	Pelican AnyWhere 4G/LTE network provides a fully independent connection.
Temporary connectivity	GW400-LTE	Flexible deployment for job sites, pilot programs, or temporary installations. *(Can switch to GW900 post-installation).*
Maximum distance connectivity or multi-building coverage (e.g., large campus).	GW900	The dual-band network is designed to extend coverage across multiple buildings and distant Pelican networks when used with WR900 Repeaters.