

Franklin ES- Modernization – Owner Furnished Contractor Installed HVAC Equipment

District is providing all HVAC Units and Exhaust Fans and Equipment curbs noted on DSA Drawing Sheet M1.0. See associated District Equipment Purchase Orders attached.

Snap shot below from District’s HVAC Equipment bid with Model Numbers being provided. Contractor to include labor for all items noted below as “Field Installed.”

HVAC Contractor to provide and install new Pelican Thermostats per District approved standard. Cut sheet for **TC3 Commercial Connected Thermostat with Integrated CO2 Sensor** attached.

Mark For	Qty	Model Number	Description
HP-1	117	50GCQJ06A2A6-0A0A0	5 Ton Heat Pump Rooftop Packaged Unit 460-3-60 <ul style="list-style-type: none"> • 5 Tons • 460-3-60 • Two-Stage Cooling single circuit • Direct drive, EcoBlue, medium static fan • Al/Cu cond. coil - Al/Cu evap coil • Electro-Mechanical Ctl • Factory Start-Up with 1st Year Labor Warranty
HP-1	117		Time Guard II <i>(Field Installed)</i>
HP-1	117		10.6 kW Electric Heat Strip <i>(Field Installed)</i>
HP-1	117		Down Discharge Dry Bulb Economizer with Modulating Power Exhaust 460-3 <i>(Field Installed) (Requires Separate Power Connection)</i>
HP-1	117		14" Tall Pitched Welded Roof Curb <i>(Field Installed) (Contractor to Verify Prior to Order)</i>
HP-3	17	50FCQM07A2A6-0A0A0	6 Ton Heat Pump Rooftop Packaged Unit 460-3-60 <ul style="list-style-type: none"> • 6 Tons (07) • 460/3/60 • Single circuit, two stage cooling • Standard Packaging • Dir Drive-EcoBlue-Med Static • Al/Cu - Al/Cu • Electro-Mechanical Ctl • Factory Start-Up with 1st Year Labor Warranty
HP-3	17		Time Guard II <i>(Field Installed)</i>
HP-3	17		10.6 kW Electric Heat Strip <i>(Field Installed)</i>
HP-3	17		Down Discharge Dry Bulb Economizer with Modulating Power Exhaust 460-3 <i>(Field Installed) (Requires Separate Power Connection)</i>
HP-3	17		14" Tall Pitched Welded Roof Curb <i>(Field Installed) (Contractor to Verify Prior to Order)</i>
HP-4	2	50GCQJ04A2A6-0A0A0	3 Ton Heat Pump Rooftop Packaged Unit 460-3-60 <ul style="list-style-type: none"> • 3 Tons • 460-3-60 • Two-Stage Cooling single circuit (SEER) • Direct drive, EcoBlue, medium static fan • Al/Cu cond. coil - Al/Cu evap coil • Electro-Mechanical Ctl • Factory Start-Up with 1st Year Labor Warranty
HP-4	2		Time Guard II <i>(Field Installed)</i>
HP-4	2		10.6 kW Electric Heat Strip <i>(Field Installed)</i>
HP-4	2		Down Discharge Dry Bulb Economizer with Modulating Power Exhaust 460-3 <i>(Field Installed) (Requires Separate Power Connection)</i>
HP-4	2		14" Tall Pitched Welded Roof Curb <i>(Field Installed) (Contractor to Verify Prior to Order)</i>
HP-13	3	38MARBQ12AA3	1 Ton Heat Pump Condenser 208/230-1-60 <ul style="list-style-type: none"> • Factory Start-Up with 1st Year Labor Warranty
HP-13	3	40MBDQ12---3	1 Ton Ducted Indoor Unit 208/230-1-60 <ul style="list-style-type: none"> • Factory Start-Up with 1st Year Labor Warranty
HP-13	3		24V Interface Kit <i>(Field Installed)</i>



Bakersfield City School District
 1300 Baker Street
 Bakersfield, CA 93305-4326
 Phone: (661) 631-4600 Fax: (661) 861-9907

PURCHASE ORDER
 No: _____
 Date: 08/24/2023

VENDOR
 SIGLER WHOLESALE DISTRIBUTORS
 7021 SCHIRRA CT.
 BAKERSFIELD, CA 93313
 Phone: (661) 636-0792 Fax: (860) 622-6719

SHIP TO
 Bakersfield City School District
 Franklin Elementary
 2400 Truxtun Avenue
 Bakersfield, CA 93301
 For: Maintenance, Operations and Facilities
 FRANKLIN 22212.00-25-HVAC

Vendor # 295960 Buyer: Melissa Hernandez Req # R24003718
 Terms: NET 30 DAYS Due Date: 09/20/2023 FOB: N/A Ship Via: OUR PICK-UP

ITEM	QUANTITY	UNIT	ISSUE	DESCRIPTION	UNIT COST	EXTENSION
1	15	EA		FRANKLIN 22212.00-25-HVAC BID #23-06-01 Carrier HP-1 (5) Ton Unit, Model: 50GCQM06 Electric		
2	2	EA		Carrier HP-3 (6) Ton Unit, Model: 50FCQM07 Electric		
3	1	EA		Carrier HP-4 (3) Ton Unit, Model: 50GCQM04 Electric		
4	1	EA		Carrier HP-13 (1) Ton Unit, Model: 40MBDO12 Electric IDU-1 Indoor Unit 1		
5	1	EA		Carrier HP-13 (1) Ton Unit, Model: 38MARBQ12 Electric ODU-1 Outdoor Unit PRICING PER HVAC EQUIPMENT REPLACEMENT BID #23-06-01 BOARD APPROVAL DATE: AUGUST 8, 2023		

Special Instructions to Vendor:	SUB TOTAL	
1. Purchase order number must appear on all invoices, shipping papers and correspondence.	SALES TAX	
2. Submit itemized invoice to the Accounts Payable Office, 1300 Baker Street, Bakersfield, CA 93305	SHIPPING	
3. Packing slip must accompany each delivery, showing PO number, serial number, and description.	TOTAL	
4. No changes without authorization from the Purchasing Department.		
5. If freight charges apply, prepay and add to invoice. No C.O.D. charges permitted.		
6. Receiving hours: 8:00 a.m. - 4:00 p.m., Monday - Friday.		
7. This PO is a covered transaction for purposes of 49 CFR Part 29. As such, the vendor/contractor certifies that to the best of its knowledge and belief that it and its principals are not presently debarred, suspended, proposed for disbarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency.		
8. <u>MATERIAL SAFETY DATA SHEETS MUST BE SUPPLIED WHERE APPLICABLE</u>		

AUTHORIZED SIGNATURE

David J. West



Bakersfield City School District
 1300 Baker Street
 Bakersfield, CA 93305-4326
 Phone: (661) 631-4600 Fax: (661) 861-9907

PURCHASE ORDER
 No: _____
 Date: 08/29/2023

VENDOR
 NORMAN S. WRIGHT DUCKWORTH
 MECHANICAL
 EQUIPMENT CO., LLC
 7595 N. DEL MAR AVENUE
 FRESNO, CA 93711
 Phone: (559) 449-8701 Fax: (559) 449-8734

SHIP TO
 Bakersfield City School District
 Franklin Elementary
 2400 Truxtun Avenue
 Bakersfield, CA 93301
 For: Maintenance, Operations and Facilities
 FRANKLIN 22212.00-25-HVAC

Vendor # 317913

Terms: NET 30 DAYS

Due Date: 09/20/2023

Buyer: Melissa Hernandez

Req # R24003865

FOB: FRESNO

Ship Via: UPS

ITEM	QUANTITY	UNIT	ISSUE	DESCRIPTION	UNIT COST	EXTENSION
1	6	EA		FRANKLIN 22212.00-25-HVAC Greenheck EF-1, Model: SP-A190-VG		
2	2	EA		Greenheck EF-3, Model: SP-A190-VG PRICING PER BID #23-06-01 BOARD APPROVAL DATE: AUGUST 8, 2023		

Special Instructions to Vendor:

- Purchase order number must appear on all invoices, shipping papers and correspondence.
- Submit itemized invoice to the Accounts Payable Office,
1300 Baker Street, Bakersfield, CA 93305
- Packing slip must accompany each delivery, showing PO number, serial number, and description.
- No changes without authorization from the Purchasing Department.
- If freight charges apply, prepay and add to invoice. No C.O.D. charges permitted.
- Receiving hours: 8:00 a.m. - 4:00 p.m., Monday - Friday.
- This PO is a covered transaction for purposes of 49 CFR Part 29. As such, the vendor/contractor certifies that to the best of its knowledge and belief that it and its principals are not presently debarred, suspended, proposed for disbarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency.
- MATERIAL SAFETY DATA SHEETS MUST BE SUPPLIED WHERE APPLICABLE

SUB TOTAL	
SALES TAX	
SHIPPING	
TOTAL	

AUTHORIZED SIGNATURE

David J. West

VENDOR
 Page 1 of 1

TC3 Commercial Connected Thermostat with Integrated CO² Sensor

The Pelican Commercial Connected Thermostat with an integrated CO² sensor provides customers with virtual indoor climate and ventilation management. The TC3 delivers on leading edge energy efficiency, built-in notifications, and fine tuned comfort. Coupled with the Pelican Web App, the TC3 tracks space temperature, CO² levels, and HVAC operational data in real-time and historically.



- + MESH WIRELESS NETWORK**
The TC3 communicates over Pelican's wireless. Install a Pelican Gateway to connect the wireless network to the Internet. Each TC3 has built-in state-of-the-art wireless mesh network auto-healing and repeating capabilities.
- + FAULT ALARMING**
Built-in equipment fault, temperature, and CO² analytics with automated email or text message alerts when a fault is detected.
- + WEB APP**
Virtual and central management of TC3 provided for free on all smart phones, tablets, and PCs. Directly manage thermostat temperature and CO² levels through the web-app. Designed for intuitive control over multiple thermostats.
- + HISTORICAL TREND DATA**
Online viewable historical data of space temperature, set-points, HVAC operation, CO² level, and fan.
- + INSTALLATION**
Industry standard HVAC terminals utilize existing thermostat wire. Included with the TC3 is Pelican's innovative limited wiring relay pack used in applications where there are only three (3) wires to the HVAC unit.
- + SCHEDULING**
Through the Pelican Web App you can schedule the TC3 thermostat for daily, 5-2, or 7-day schedules. Thermostats can also be scheduled as groups, for simple multi-thermostat management.
- + SLIM AND SLEEK**
The TC3 design provides both a simple touch interactive experience while disappearing on the wall.

Designed and assembled in the USA
5-Year Limited Warranty



Meets California Title 24 and (AB) 841

Specifications

POWER	
Hardwire	24VAC, 60Hz; 105 mA
Voltage Range	23 - 30VAC
Relay Current	2.0A running
COMPATIBILITY	
24VAC Conventional, Heat Pump, 4-Pipe, 2-Pipe, and Pelican zone damper control.	
WIRING	
Conventional	R, C, W, W2, Y, Y2, G
Heat Pump	R, C, O/B, AUX, Y, Y2, G
SYSTEM PROTECTION	
Four-Minute Compressor Short-Cycle Protection	
Temporary Schedule Override	
Auxiliary/Emergency Heat Efficiency Algorithm	
Keypad Lockout	
Trend Data Analytics and Fault Monitoring	
Integrated CO ² sensor, in-room display and alarm	
THERMOSTAT RANGE	
Operating Range	-20°F to 122°F
Operating Humidity (%RH)	5 to 90% RH; non-condensing
Integrated Room CO ² Sensor	400 - 2000 PPM; +/- 50ppm accuracy
Storage Temperature	-20°F to 160°F
SIZE	
Inch	H 5.2" x W 3.9" x D 0.75"
mm	H 132 x W 99 x D 19
Vertical Mounting. Mounts on vertical single gang ring.	

Pelican Wireless Systems | 2655 Collier Canyon Road, Livermore CA 94551
(888) 512-0490 | sales@pelicanwireless.com

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Agenda Item Details

Meeting	Oct 24, 2023 - Meeting of the Bakersfield City School District Board of Education
Category	J. Consent Agenda
Subject	22. Resolution No. 2023-56 Regarding the Declaration of District Standard for HVAC System Thermostats - Fiscal Impact: No
Type	Action (Consent)
Preferred Date	Oct 24, 2023
Absolute Date	Oct 24, 2023
Fiscal Impact	No
Recommended Action	It is recommended that the Resolution regarding the Declaration of District Standard for HVAC System Thermostats be adopted.

Prepared by: Michael Hamlin, Director I, Maintenance, Operations & Facilities

Staff Analysis:

The District desires to designate the Pelican Wireless Systems brand as the District standard for its HVAC system thermostats in order to match products in use on other District facilities completed or in the course of completion. A resolution is required to adopt a district standard in accordance with Public Contract Code section 3400.

[DS-TS250-02-T-Stat-CO2-Datasheet.pdf \(125 KB\)](#)

[Resolution 2023-56 for District Standard HVAC System Thermostats \(3\).pdf \(67 KB\)](#)

[J.22 Resolution No. 2023-56 Regarding the Declaration of District Standard for HVAC System Thermostats - Fully Executed.pdf \(1,454 KB\)](#)

Motion & Voting

It is recommended that the Consent Agenda be approved with J.2 being pulled for a separate vote.

Motion by Lillian Tafoya, second by Chris Cruz Boone.

Final Resolution: Motion Carries

Yea: Lillian Tafoya, Laura Guerrero Salgado, Chris Cruz Boone, Anthony Fuentes

Not Present at Vote: Shannon Zimmerman

**RESOLUTION OF THE GOVERNING BOARD
OF THE BAKERSFIELD CITY SCHOOL DISTRICT
DECLARATION OF DISTRICT STANDARD
FOR HVAC SYSTEM THERMOSTATS
BAKERSFIELD CITY SCHOOL DISTRICT
RESOLUTION NO. 2023-56**

District Standard for HVAC System Thermostats

WHEREAS, Public Contract Code section 3400 generally prohibits specifications for public works projects from limiting bidding to any one specific concern or calling for a designated material, product, thing or service by specific brand or trade name; and

WHEREAS, Public Contract Code section 3400 contains exceptions that allow limiting bidding to one specific concern or calling for a designated material, product, thing or service by specific brand or trade name for the purpose of:

- (a) Conducting a field test or experiment to determine a product's suitability for future use;
- (b) matching other products in use on a particular public improvement either completed or in the course of completion; or
- (c) obtaining a necessary item that is available only from one source;
- (d) responding to an emergency declared by a local agency and approved by a 4/5 vote of the governing board of the District;

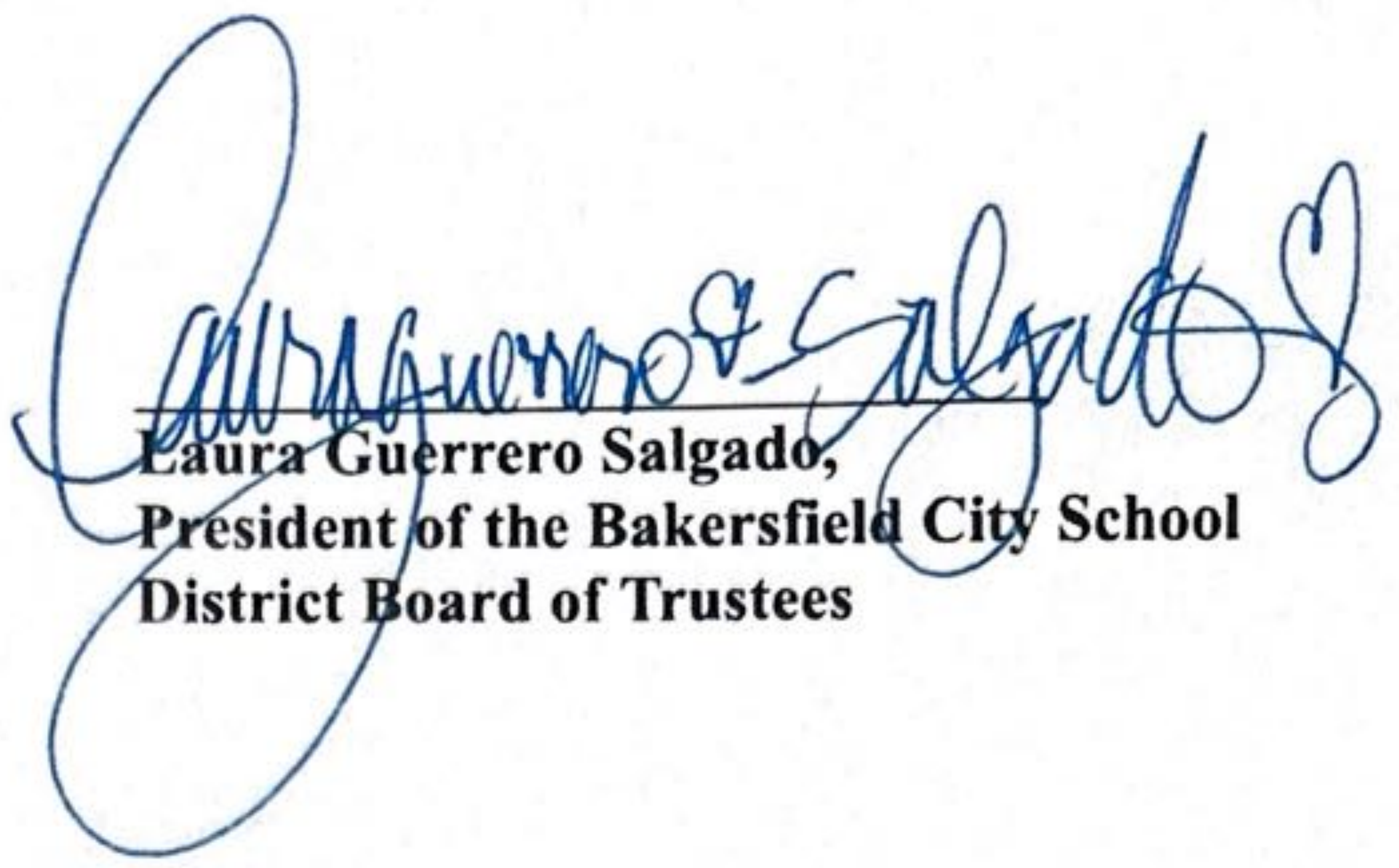
WHEREAS, the District desires to designate the Pelican Wireless Systems brand of HVAC System Thermostats as the District's standard for all future projects in order to match products in use on other either completed or in the course of completion District Facilities.

NOW THEREFORE, The Board has reviewed hereby adopts the Pelican Wireless Systems brand as the District standard for school HVAC system thermostats systems.

Certification of Resolution

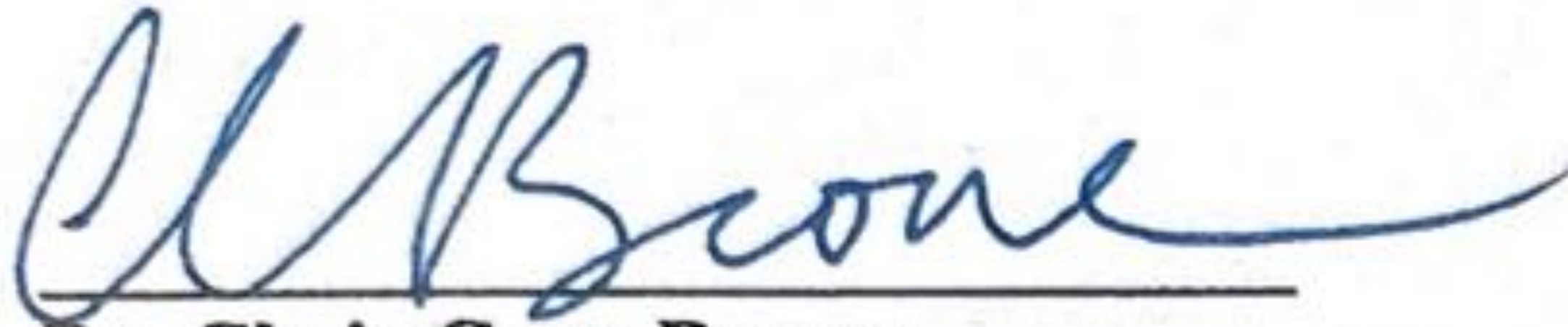
The foregoing Resolution was adopted by the Board of Education of the Bakersfield City School District at a meeting of the Board on **October 24, 2023**, by the following vote:

AYES: 4
NOES: 0
ABSENT: 1
ABSTAIN: 0



**Laura Guerrero Salgado,
President of the Bakersfield City School
District Board of Trustees**

Attest:



**Dr. Chris Cruz Boone,
Board Clerk**