

PACKET

SPECIAL BOARD OF DIRECTORS MEETING

January 31, 2025

9:00AM

ANTELOPE VALLEY SCHOOLS TRANSPORTATION AGENCY

BOARD ROOM

670 W. AVE L-8

Lancaster, CA 93534

In compliance with the Americans with Disabilities Act, note that if you are a disabled person and need a disability-related modification or accommodation to participate in this meeting, please contact Sherynn Morton by telephone at (661) 945-3621 or by email at s.morton@avsta.com. Requests must be made as early as possible and at least one (1) full business day before the start of the meeting.

1. CALL TO ORDER

Call to order by Presiding Officer _____ at _____ a.m.

2. ROLL CALL

Antelope Valley Union High School District

Westside Union School District

Lancaster School District

Antelope Valley Union High School District

Westside Union School District

Lancaster School District

Antelope Valley Schools Transportation Agency

Kevin Vensko, President

Rob Garza, Vice President

Larry Freise Ed. D., Clerk

Rosemary Mann, Alternate

Jake Briggs Ed. D., Alternate

Duane Winn, Alternate

Morris Fuselier III, Secretary & CEO

3. PLEDGE OF ALLEGIANCE

4. APPROVAL OF AGENDA

Request approval of the Agenda on January 31, 2025, as presented.

Motion by _____ Seconded by _____ Yes _____ No _____

5. PUBLIC COMMENT

Members of the public who would like to address the Board on any item on the agenda may do so now or when the President requests comments from the public as the item is being considered by the Board. Please identify the agenda item you wish to discuss. Individual speakers are limited to three (3) minutes each, and the total time for public input on each item shall be limited to fifteen (15) minutes.

6. BUDGET WORKSHOP

A. Assessment Process Analysis

As Presented by Morris Fuselier, III.

Discussion

7. INDIVIDUAL ACTION ITEMS

007 EV CHARGER AND INFRASTRUCTURE PURCHASE ORDER

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It is requested the Board of Directors approve the purchase order for eighteen (18) EV chargers and installation from A-Z Connect in the amount of \$1,856,062.50, with a total of \$557,562.50 funds from capital outlay and \$1,298,500.00 paid with grant funding from SCE and EnergIIZE, as presented.

Motion by _____ Seconded by _____ Yes _____ No _____

8. BOARD MEMBER COMMENTS

9. ADJOURNMENT

008 The Board of Directors adjourned its meeting at _____, on January 31, 2025.

Motion by _____ Seconded by _____ Yes _____ No _____

The next regular meeting of the Board of Directors is scheduled for Wednesday, February 12, 2025, at 9:00 AM.

Any writings or documents that are public records and are provided to a majority of the governing board regarding an open session item on this agenda will be made available for public inspection in the Antelope Valley School's Transportation Agency Executive Assistant's office, located at 670 West Avenue L-8, Lancaster, CA 93534 during normal business hours (8:00 am– 4:00 pm).

BUDGET WORKSHOP

ACTION REQUIRED:

None

REFERENCE MATERIALS ATTACHED:

- | | | |
|-----------|--|-------------------|
| A. | <i>Assessment Process Analysis</i> | Discussion |
| | <i>As Presented by Morris Fuselier, III.</i> | |

INDIVIDUAL ACTION ITEM # 007

SUBJECT: EV CHARGER AND INFRASTRUCTURE INSTALLATION PURCHASE ORDER

BACKGROUND:

It is requested the Board of Directors approve the purchase order for eighteen (18) EV chargers and infrastructure installation from A-Z Connect in the amount of \$1,856,062.50, with a total of \$557,562.50 funds from capital outlay and \$1,298,500.00 paid with grant funding from SCE and EnergIIZE, as presented.

ACTION REQUIRED:

A majority vote.

REFERENCE MATERIALS ATTACHED:

A-Z Connect Proposal



PROPOSAL FOR EV CHARGERS AND INFRASTRUCTURE INSTALLATION

Antelope Valley School Transportation Agency (AVSTA)

Joe Ordonez
A-Z Bus Sales, Inc.
Director of Sales
EV Infrastructure Division
December 19th, 2024



EVCharging@A-ZBus.com | www.A-ZBus.com

Date: December 19th, 2024

To: Morris Fuselier, Chief Executive Officer

Antelope Valley School Transportation Agency – 100% SCE Build
670 West Avenue L-8
Lancaster, CA 93534

A-Z Connect, the EV Infrastructure Division of A-Z Bus Sales, Inc., is pleased to offer the following proposal for your school bus electrification project. **Thank you for trusting us with your business and** please feel free to contact me by phone or email with any questions.

A-Z Bus Sales – Charging Infrastructure

[A-Z Electric Charging Stations](#)

Furnish Fourteen (14) 80KW Level 3 dual Port Charging Stations by Autel. Specifications:

- Model: UF080A3001 (Approved EVSE on SCE APL)
-
- Two-year limited manufacturer warranty standard.
- Dual CCS1 Cable for 40KW charging each cable. 80kw single use.
- Extended Warranty: Total of Five (5) Years of full coverage, parts & labor

Furnish Four (4) 120kW DC Level 3 Dual Port Charging Station by Autel. Specifications:

- Model: UF120A3001 (Approved EVSE on SCE APL)
- Two-year limited manufacturer warranty standard.
- Dual CCS1 Cables for 60kW charging per port
- Extended Warranty: Total of Five (5) Years of full coverage, parts & labor

EVCharging@A-ZBus.com | www.A-ZBus.com



A-Z Connect – 5-Year Subscription (powered by Autel)

Furnish Thirty-six (36) Port licenses for the charger network to AZ Connect Charge Management.

- Graphical dashboard to monitor chargers and run utilization reports for LCFS.
- Station management & power management capability (optional).
- Integration to vehicle telematics (optional).
- Mobile Application
- 24/7 365 Helpdesk Support

A-Z Connect – Extended Warranty included

- Extended Warranty: Increase standard limited manufacturer warranty from Two (2) to Five (5) Years – Covers parts and labor (total of five years of full warranty coverage)

Infrastructure Upgrades, Construction, and Installation

Scope of Work: 100% SCE Build

1. Mobilize crews, equipment, and materials.
2. Permitting fees required are a pass-thru additional.
3. Provide and install Eighteen (18) 3 x 3 x 8" concrete pads
4. Provide and install the extension of conduit and wire for dispensers within 3ft of the existing stub location installed by SCE 100% Build CRT Scope.
5. Provide and install two (2) 4" concrete-filled bollards per dispenser.
6. Terminate and torque all connections at chargers
7. Duct seal conduit openings in equipment
8. If necessary, BME Internal quality control and assurance.
9. Clean up & remove job-related debris to recycle or dispose of properly.
10. Terminate and torque all connections at chargers.
11. Assist manufacturer rep commissioning procedures and support

A-Z Bus Sales
Address 1900 S. Riverside Ave
Colton, CA 92324

Phone +1 800-437-5522

Web www.a-zbus.com

12. Cleanup & remove job-related debris to recycle or dispose of properly

17. Pricing based on inclusions per quantities and footage listed above, additional chargers, required scope, feeder length, or engineering required will be additional to base pricing provided and determined at the time of need/or additional information provided on-site with the district.

Clarifications and Exclusions

The following items are specifically excluded from our proposal:

- EV charger modifications and/or upgrades
- Utility fees or permits/engineering fees or costs
- Overtime or weekend work
- Extreme conditions, including, but not limited to, unusually hard subsurface conditions, excavation of boulders/tree roots, etc.
- In the event of a force of nature, such as rain or flooding of trenches, water extraction would be a change order
- Removal or handling of contaminated soil
- Soil's report
- Packing or shipping costs associated with chargers and equipment removed.
- Geotechnical representation
- SCE 100% Build CRT Scope installed by others.



Pricing:

Chargers

*AZ CONNECT CHARGERS – 80KW DUAL PORT (14)	\$763,000.00
*AZ CONNECT CHARGERS – 120KW DUAL PORT (4)	\$262,000.00
AZ CONNECT SOFTWARE LEVEL 3 -- (36 Ports, 5 Year Subscription)	\$208,800.00
EXTENDED WARRANTY 5-YEARS - 80KW (14)	\$112,000.00
EXTENDED WARRANTY 5-YEARS – 120KW (4)	\$34,000.00
COMMISSIONING/PROGRAMING (18)	\$9,000.00
SHIPPING CHARGERS (18)	\$7,200.00
TOTAL CHARGERS & SOFTWARE	\$1,396,000.00

Installation

TRENCHING/BACKFILL/SAW CUT/PATCH/CONCRETE PADS FOR 18 CHARGERS (1)	\$355,000.00
TOTAL INSTALLATION	\$355,000.00

*TAX 10.25% \$105,062.50

PROJECT PRICING (TOTAL) \$1,856,062.50

The duration and completion of the project implementation service will coincide with the delivery, at this time, it is to be determined. The requirements may change over time. If that happens, we will always estimate the scope of the additional work for you in advance and communicate this within a reasonable timeframe. Any additional work will be considered a change in scope.

Project Name: AVSTA – EVI Proposal – 100% SCE Build
Rep: Joe Ordonez – (951) 691-6702



Approval to Proceed

To further pursue this opportunity with A-Z Bus Sales, please sign below to confirm acceptance of the Proposal and approval to move forward.

By signing below, both parties agree to work together further to refine material, schedule, and timing and conclude a definitive agreement.

A-Z Bus Sales:

Signed: Joe Ordonez
Name: Joe Ordonez
Title: Director of Sales
Date: 12/19/2024

AVSTA:

Signed: [Signature]
Name: Morris Fuselier III
Title: CEO - AVSTA
Date: 12/19/24

A-Z Bus Sales
Address 1900 S. Riverside Ave
Colton, CA 92324

Phone +1 800-437-5522
Web www.a-zbus.com

MAXICHARGER DCFAST 60KW-240KW WITH 20KW INCREMENTS



- Flexible Charging Port Options
- Safe & Reliable
- 27-Inch Touchscreen Display & LED Indicator
- Easy to Install & Service
- Smart Cloud Portal & OCPP Capability
- Remote Update & Diagnostics
- Plug & Charge Capable
- Dynamic Load Balancing



MAXICHARGER DCFC 60KW-120KW

MAXICHARGER DCFC 140KW-240KW

TECHNICAL SPECIFICATIONS

ELECTRICAL

Connector Option*
Max. Input AC Current

DCFC 60KW-120KW
 Dual CCS1 or CCS1 + CHAdeMO
 60kW: 91A; 80kW: 122A;
 100kW: 152A; 120kW: 182A

Nominal Input AC Current

60kW: 83A; 80kW: 110A;
 100kW: 138A; 120kW: 165A

DCFC 140KW-240KW

Dual CCS1/CCS1 Boost, or CCS1 + CHAdeMO
 40kW: 213A; 160kW: 245A; 180kW: 270A;
 200kW: 305A; 220kW: 335A; 240kW: 365A
 140kW: 181A; 160kW: 207A; 180kW: 230A;
 200kW: 260A; 220kW: 285A; 240kW: 310A

Input Voltage Range
DC Output Voltage

480 V AC -15% to +10% @ 60 Hz
 CCS1: 150 to 950 V DC; CHAdeMO:
 150 to 500 V DC

Network Type

TN-S, TN-C, TN-C-S, & TT
 (External RCD** Required)

AC Input Connection
Protection

3P + PE (No Neutral)
 Over-Current, Over-Voltage, Under-Voltage,
 Ground-Fault, Over-Temperature,
 Short-Circuit, Insulation Monitor (IMD),
 & Surge Protection

Overvoltage Category AC Side (Input) OVC: III
Power Factor (> 50 % Load) ≥ 0.98
THDI (> 50 % Load) ≤ 5 %
Peak Efficiency > 96 %
Standby Power 80 W
Short Circuit Current Rating ≥ 65 kA
Energy Metering Class A

USER INTERFACE & COMMUNICATION

Connectivity

Internet Access Via 4G, Wi-Fi,
 Ethernet (RJ 45)

User Authentication

QR Code, RFID, Credit Card (Optional)

ISO 15118 Plug & Charge
DIN 70121

Yes
 Yes

Interface

27" LCD High-Contrast Touchscreen
 (15.6" Optional)

Wheelchair Accessible

Yes

Communications Protocols

OCPP 1.6 JSON, OCPP 2.0.1
 (Can Be Upgraded Later)

RFID Reader

ISO 14443 A+B to Part 4 & ISO/IEC 15693,
 Mifare, NFC, Catypso, Ultralight, PayPass,
 HID & More

Emergency Button

Yes

Software Update

OTA Update Via Web Portal

Control And Configuration

Web Portal, On-Board Service Portal

GENERAL CHARACTERISTICS

Enclosure Type

Stainless Steel 430

Operation Altitude

6561 Ft. (6561 to 9843 Ft. with Power Derating)

Operating Temperature

-31 °F to +131 °F (-122 °F to +131 °F with Linear
 Power Derating)

Storage Temperature

-40 °F to +158 °F

Humidity

< 95 % RH, Non-Condensing

Noise Level

< 65 dB @1 m/25 % Full Load/800 VDC

Mounting

Free-Standing Cabinet

Cable Length

15 ft. (Optional: 20 or 25 ft)

CERTIFICATIONS & STANDARDS

Compliance & Safety

UL 2202, UL 2231-1, UL 2231-2, NEC Article
 625,
 CSA C22.2 No. 1071-16

EMC Compliance

FCC Part 15 Class A, Class B (Optional)

Warranty

24 Months with Warranty Extensions Available

www.A-ZBus.com
EVCharging@A-ZBus.com



Address 1900 S. Riverside Ave
 Colton, CA 92324

Web www.a-zbus.com