

RFP Bid #2023-2024-01

“Charging Equipment”

GENERAL CONDITIONS, INSTRUCTIONS & CONTRACT

General Conditions, Specifications, and Contract governing the purposed purchase of one (1) or more Charging Equipment and Available Options from this indefinite quantity bid as per legal advertisement published in The Californian.

1. Bids shall be accompanied by a Certified Check, Bidders Bond, or Cashier's Check in the amount of ten percent (10%) of the total amount of the bid, made in favor of Alisal Union School District, 155 Bardin Road, Salinas, CA 93905.
2. Sealed proposals shall be submitted plainly marked “**Charging Equipment Bid# 2023-2024-01**” to the authorized agent of the Alisal Union School District. Submit all bids, Attention: Mr. Rais Abbasi, Associate Superintendent of Business Services, 155 Bardin Road Salinas Ca. 93905, Bids are due on November 27, 2023, by 3:00 p.m. The District clock is the official time. No fax or email bids will be accepted.
3. All proposals must be signed with the firm name and by a responsible officer or employee. Obligations assumed by such signature must be fulfilled.
4. The bid must be on forms supplied by the District. All prices or notations must be typed or written in ink. Bids written in pencil will not be accepted. Verify all bids before submission, as they cannot be corrected after the proposals are opened. Oral or faxed bids will not be accepted.
5. All equipment not mentioned in the attached Specifications but required by the rules and regulations of the California State Board of Education and the California Highway Patrol shall be furnished.
6. All workmanship and materials shall be guaranteed against defects for a period of one year.
7. Any deviations from the attached specifications or substitution of units or materials shall be clearly indicated. Completed detailed specifications must accompany each Charging proposal. Charging equipment shall be integral construction, as fabricated by a single manufacturer.

8. Alternate materials may be considered. The board of Trustees reserves the right to be the sole judge of the merit and suitability of such material.
9. The Board of Trustees reserves the right to reject any or all bids and to waive any informality in the bids or in the bidding.
10. Non-Collusion Affidavit: Each Vendor submitting an offer shall execute and submit a non-collusion affidavit as required by the Public Contract Code Section 7106, on the form attached hereto. Failure to submit such a non-collusion affidavit shall be grounds to reject an offer as non-responsive.
11. Drug-Free Workplace: Vendor warrants that Vendor is knowledgeable of the Drug-Free Workplace Act of 1990 (Government Code Section 8350 et seq.), regarding a drug-free workplace and shall abide by and implement its statutory requirements.
12. Anti-Discrimination: The District's policy is that the Vendor(s) conducting work under this contract will not discriminate against any prospective or active employee engaged in the work because of race, color, ancestry, national origin, religious creed, sex, age, or marital status. The Vendor agrees to comply with applicable Federal and State laws, including but not limited to the California Fair Employment Practice Act, beginning with Labor Code Sections 1410 and 1726.
13. Indemnification and Hold Harmless: The vendor shall indemnify and hold harmless the District, its Board of Education, officers, employees, agents, representatives, and volunteers from all suits, actions, losses, damages, claims, or liability of any character, type or description, including by not limited to all expenses of litigation, court cost, penalties, and attorney's fees and other fees whatsoever of any kind or nature, arising directly or indirectly from the negligence of Vendor, its agents, servants, employees, representatives, persons or entities engaged as independent Vendors by Vendor and suppliers, provided, however, that Vendor shall not be required to indemnify for the acts of intentional misconduct or negligence by the party to be indemnified.
14. Factory Dealer Authorization: The bidder must provide proof of being an authorized factory dealer representative for the specified products/services.
15. Warranty Work Authorization: The bidder must demonstrate their authorization to perform warranty work for the products/services covered under this bid.

16. Qualified Technicians: The bidder must have a team of qualified technicians capable of handling any warranty claims.

17. Work History: The dealer Must have a history of working with School Districts and state, local, and City Transportation agencies for a duration of 20 years or more of serving agencies.

18. Communication of Non-Responsiveness

In the event that a response is deemed incomplete or non-responsive due to the absence of information for any requested item or option, the awarding agency may at its discretion communicate this determination to the responder.

Depending on the circumstances, the awarding agency reserves the right to provide an opportunity for the responder to remedy the deficiency within a specified timeframe. However, failure to rectify the non-responsive aspect of the response may result in disqualification from consideration for the project

19. Comprehensive Response Obligation:

By submitting a response to this Request for Proposal (RFP), all prospective responders explicitly agree to provide complete and comprehensive answers, along with detailed pricing information, for each requested item and option outlined within the bid document. Failure to provide complete information for any requested item or option may result in the response being considered incomplete and non-responsive.

20. Evaluation Criteria:

It is imperative that all submitted responses adhere to the provided format and guidelines. The awarding agency reserves the right to assess the completeness and responsiveness of each response. Responses that do not meet the requirements set forth in this RFP, including those lacking complete information or pricing details for any requested item or option, shall be subject to evaluation at the sole discretion of the awarding agency. Incomplete or non-responsive responses may lead to disqualification from consideration.

21. California Piggyback/Cooperative Purchase Clause:

Pursuant to Public Contract Code sections 20652 and 20118, the Alisal Union School District may allow other public agencies in the State of California to purchase equipment and supplies under the same terms and conditions. The Alisal Union School District waives its rights to require other Districts to draw their warrants in favor of this District and authorizes each District to make payment directly to the successful Bidder. Alisal Union School District waives any right to payment of reasonable fee as provided in Public Contract Code 20118.

Additional Piggyback Clause:

For the term of the contract, and any mutually agreed extensions pursuant to this request for bids, at the vendor’s option, other School Districts and Community College Districts, any Public Agency or Corporation, including any Town, City, County, or Public Corporation, or Agency within the State of California, Hawaii, or other Government Agency in the United States of America may purchase, lease to purchase, or rent the identical items at the same price, and upon the same terms and conditions pursuant to sections 20118 and 20652 of the California Public Contract Code. The responsibility to ensure that the California Public Contract Code meets their local and state procurement codes rests on the Public Agencies desiring to utilize this cooperative bid for purchasing the products therein.

State Service Designation

As set forth in the Proposal Invitation, it is the Cooperative’s intent that other governmental entities in the United States have the opportunity to purchase goods or services awarded under the Contract, subject to applicable state law, through a piggy-back award or similar agreement through the National Purchasing Cooperative. If you plan to service the entire United States or only specific states, you must complete this form accordingly.

If you serve different states for different products or services included in your Proposal, you must clearly indicate the products or services to which the designation applies. *By designating a state or state, you are certifying that you are authorized and willing to provide the proposed products and services in those states.*

Company Name: _____

State Service Designation:

Select only one of the following options. If you select “I will NOT service all States”, you must list the individual States you wish to serve.

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- I will service all states in the United States: _____ (Yes or No).
- I will NOT service all states. (please select which states you will NOT Service.

22. Delivery: Shall be F.O.B. End Purchaser’s Transportation Department. Please specify an estimated delivery date on the bid form.

23. Bid Opening: Sealed bids will be opened on **November 29, 2023, at 10:00 a.m.** at the Alisal Union School District office, 155 Bardin Road, Salinas, California 93905. The district’s clock is the official time.

24. **A Fixed-price Contract is required holding firm all pricing from the award of the contract until November 10, 2024.** If mutually agreeable, the School District reserves the right to consider the extension of this contract for up to four additional, one-year periods. The time of such extension is to begin the day after the end of the initial term of this contract and will end a full calendar of one year thereafter. In addition, the District reserves the right to further extend this contract to the full extent allowed by law. Factors that would influence the District in exercising this option would be satisfactory service being rendered by the holder of the contract and any increase in price caused by such extension to be a nominal amount and not excessive as measured by local market conditions. In the award of this bid renewal, the District will consider the amount of the price increase stated by the bidder as a factor and will compute accordingly. A price increase, if exercised, shall be fully justified by Bidder and provided by a test of the market and/or submission of documents.

18. Contract Agreement between District & Bidder - Bid #2023-2024-01:

This agreement is effective _____, 2023, by and between Alisal Union School District Board of Trustees located at 155 Bardin Road, Salinas, California, 93905, hereinafter called the “District” and

_____, California, _____, hereinafter called the “Bidder”.

The District and Bidder agree that the following documents constitute the Bid Contract: Notice to Bidders, General Instructions & Contract, Bid bond, Non-Collusion, Specifications & Drawings, Addenda issued prior to bid, Signed Bid tab, Signed approved Board minutes, and other documents as referred to in this

bid. The contract documents are complementary and each obligation of the Bidder in anyone shall be binding as if specified in all.

Signed: _____ Date: _____

Name & Title: _____

“District”: Alisal Union School District

Signed: _____ Date: _____

Name & Title: _____

“Bidder”: _____

SPECIFICATION	BIDDER'S RESPONSE - MUST COMPLY OR STATE DEVIATIONS IN FULL
<p>Specifications that follow are minimum basic requirements. The bidder must list any deviations from these specifications. If the bidder claims the item "Meets or Exceeds" specifications, documentation must be provided with the bid to substantiate the claim. Failure to do so will result in the rejection of your bid and/or product for non-compliance.</p>	
<p>ELECTRIC BUS CHARGING EQUIPMENT Provide submittals for items listed documenting compliance with specification requirements.</p> <ul style="list-style-type: none"> a. Materials and Services b. Tests and Commissioning Plans c. Tests and Commissioning Results d. Operation and Maintenance Manual e. Product Data: Manufacturer’s data sheets on each product to be used, including preparation instructions and recommendations. f. Storage and handling requirements and recommendations. g. Installation methods. 	
<p><u>TECHNICAL SPECIFICATIONS FOR ELECTRIC BUS CHARGING EQUIPMENT</u></p> <p>ALL-IN-ONE DUAL DCFC – One or more A charging station is an SAE J1772 CCS1 dual port plug-in style system with the capability for mounting on a concrete pad, 60 kW DCFC. The unit complies with all J1772 standards and is capable of providing up to 150A DC to the vehicle. Grid connection should be 480 VAC, three-phase, 60 Hz. LED status indicators for troubleshooting.</p>	<p>YEAR: PRODUCT#: MODEL#: CHARGING RATE:</p>

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<p>SINGLE EVSE AC LEVEL 2 – One or more A charging station is an SAE J1772 plug-in style system with the capability for mounting on a pedestal, 19.2 kW EVSE. The unit complies with all J1772 standards and is capable of providing up to 80 A AC to the vehicle. Grid connection should be 208-240 VAC, single phase, 60/50 Hz. LED status indicators for troubleshooting.</p> <p>MOBLIE ELECTRIC BUS CHARGING TRAILER – One or more. Fully enclosed mobile charging trailer with 120kw dual CCS1 ports, 100-gallon propane fuel tank. Capable of charging two vehicles at once.</p>	<p>YEAR:</p> <p>PRODUCT#:</p> <p>MODEL#:</p> <p>CHARGING RATE:</p> <p>YEAR:</p> <p>PRODUCT#:</p> <p>MODEL#:</p> <p>CHARGING RATE:</p>
CHARGER REQUIREMENTS	
<p><u>DCFC:</u></p> <ol style="list-style-type: none"> 1. Equipment: SAE J1772 CCS1 dual plug-in charger. 2. Input Voltage: 480 VAC, three-phase, 60 Hz power input per modular charger unit. 3. Safety Features: <ol style="list-style-type: none"> a. Short Circuit Rating: Exceeds 60,000 amperes symmetrical b. Surge Protection: In accordance with IEC 61643-1 and IEC 61643-11. min c. Ground Fault: Internal 20 kA CCID with auto re-closure (three attempts). 4. Environmental: <ol style="list-style-type: none"> a. Operating Temperature: -22 to 131 F (-30 C to 55 C) ambient. b. 2. Operating Humidity: Up to 95% non-condensing. c. NEMA Rating: 3R. 5. Compliance: <ol style="list-style-type: none"> a. Safety: UL2202-2009, UL2231-1, UL2231-2, SAE J1772. 	

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<p>b. EMC: FCC Part 15, Class B,</p> <p>c. UL & compliance completed by the independent testing laboratory prior to shipment. UL & certificates will be made available by the manufacturer.</p> <p>6. Dispensing unit that utilizes an SAE J1772 CCS1 dual plug-in style cable. Unit shall be an all-in-one DCFC.</p> <p>7. Cables: CCS1 type connector head, 150A DC maximum output, 1000V DC rated. Each dispensing unit shall have two 18 ft. cables, retractors included.</p> <p>8. Inputs from Charging Cabinet:</p> <ul style="list-style-type: none"> a. DC+ b. DC- c. Ground d. Communications (fiber or ethernet) e. Network connectivity via 4G or 5G Modem and includes an ethernet port for wired connection to an external network switch. f. Safety interlock. <p>9. Mechanical Impact Protection:</p> <p>10. The Dispensing unit shall have an integrated emergency stop button with the option to install an additional external emergency stop button. It should be possible to mount this button up to 10 meters away from the dispensing unit.</p> <p>11. The dispensing unit shall have an integrated non-emergency stop button with the option to install an additional external non-emergency stop button. It should be possible to mount this button up to 10 meters away from the dispensing unit.</p> <p>12. The dispensing unit shall not include a credit card reader.</p> <p>13. RFID system – ISO/IEC 14443 A/B, integrated credential readers for entry management. Four cards per charger are to be provided.</p>	

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<p>14. Minimum 8" touchscreen display.</p> <p>15. Charging style shall occur in parallel charge mode or via smart charging.</p> <p>16. The mating interface shall be an SAE J1772 dual CCS1 plug-in style connectors.</p> <p>17. The cable shall have a connector with DC+, DC-, ground, control pilot, and proximity pilot for mating to the vehicle plug-inlet.</p> <p>18. The charger shall communicate with the vehicle over power line communication via the control pilot line.</p> <p>19. CCS1 plug-in style charging systems are described in and shall be compliant with the following standards:</p> <ol style="list-style-type: none"> 1. SAE J1772 CCS1 <p>21. Air-cooled power modules.</p> <p>22. The charging rate shall be 60kW single port or dual 30kw ports.</p> <p>USER INTERFACE</p> <ol style="list-style-type: none"> a. The charging system user interface shall be designed so that it requires minimal interaction with the operator. b. The user interface shall indicate the charging system status via LED (ready to charge, performing handshake, charging, charging complete, error). The charging system will be capable of wiring an external LED beacon for flexibility in LED light placement. c. The user interface shall include an emergency stop button or the possibility of wiring an external emergency stop button to the interface control module. <p>Networking:</p>	

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<p>a. Protocol: OCPP 1.6 or higher, including core & smart charging profiles for advanced charger scheduling and management.</p> <p>b. Communications: Network connectivity via 4G or 5G modem and includes an ethernet port for wired connection to an external network switch.</p> <p>c. Capable of remote monitoring for remote troubleshooting, charger fleet management, over-the-air software updates, and data monitoring.</p> <p>d. RFID system – ISO/IEC 14443 A/B, integrated credential readers for entry management. Two cards per charger.</p> <p>e. Capable of remote control and authorization.</p> <p><u>AC LEVEL 2</u></p> <p>1. Safety Features:</p> <p>a. Short Circuit Rating: Exceeds 60,000 amperes symmetrical</p> <p>b. Surge Protection: In accordance with IEC 61643-1 and IEC 61643-11. min</p> <p>c. Ground Fault: Internal 20 kA CCID with auto re-closure (three attempts).</p> <p>2. Environmental:</p> <p>a. Operating Temperature: -22 to 131 F (-30 C to 55 C) ambient.</p> <p>b. 2. Operating Humidity: Up to 95% non-condensing.</p> <p>c. NEMA Rating: 3R.</p> <p>3. Compliance:</p> <p>a. Safety: UL2202-2009, UL2231-1, UL2231-2, SAE J1772.</p> <p>b. EMC: FCC Part 15, Class B.</p> <p>c. UL & compliance completed by independent testing laboratory prior to shipment. UL & certificates will be made available by the manufacturer.</p> <p>AC Level 2 EV Charging Station and Accessories:</p> <p>1. Source Limitations: Obtain products from a single manufacturer.</p>	

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<p>2. Specifications:</p> <ul style="list-style-type: none"> a. Location Rating: Outdoor. b. Input Feeder Rating: 208, single phase, 60 Hz, 80 A continuous load with 10A Branch circuit breakers. c. Rated Power: 19.2KW. d. Output Quantity: 1. e. Touch Screen: 5-8 inches. f. Output Wiring: Flexible cord. g. Output cable nominal length: 16 ft. h. Cable management system with cable retractor and holster. i. Output Attachment Plug: Type 1 (SAE J1772). j. Mounting: Pedestal mount with galvanized steel with powder coating. <p>USER INTERFACE</p> <ul style="list-style-type: none"> a. The charging system user interface shall be designed so that it requires minimal interaction with the operator. b. User interface shall indicate charging system status via LED (ready to charge, performing handshake, charging, charging complete, error). Charging system will be capable of wiring an external LED beacon for flexibility in LED light placement. c. User interface shall include an emergency stop button or the possibility to wire an external emergency stop button to the interface control module. <p>3. Networking:</p> <ul style="list-style-type: none"> a. Protocol: OCPP 1.6, including core & smart charging profiles for advanced charger scheduling and management. b. Communications: Network connectivity via 4G or 5G modem and includes ethernet port for wired connection to external network switch. c. Capable of remote monitoring for remote troubleshooting, charger fleet management, over-the-air software updates and data monitoring. d. RFID system – ISO/IEC 14443 A/B, integrated credential readers for entry management. Two cards per charger. 	

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<p>e. Capable of remote control and authorization.</p>	
<p><u>COMMISSIONING/PROGRAMMING CHARGERS</u></p> <p>A. Manufacturer's or Dealer Field Service: Engage a factory-authorized service representative to test and inspect components, assemblies, and equipment installations, including connections.</p> <p>B. Tests and Inspections: For each unit of EV charging equipment, perform the following tests and inspections:</p> <ul style="list-style-type: none"> a. Unit self-test. b. Operation test with EV. c. Network communications test. d. Operation text with a load bank. <p>C. EV charging equipment will be considered defective if it does pass tests and inspections.</p> <p>D. Factory or dealer-authorized service representative to prepare test and inspection reports.</p> <p>E. Engage a factory or dealer-authorized service representative to perform startup service.</p> <p>F. Complete installation and startup checks according to the manufacturer's written instructions.</p>	
<p><u>SOFTWARE:</u></p> <p>Software Specification:</p> <ul style="list-style-type: none"> a. OCPP 1.6 or higher compliant b. Software-controlled delayed charging start and load management. c. Session and uptime reports. d. For active sessions, show kW, kWh dispensed, voltage, amperage, and for AC and DC charging, SOC. 	

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<p>e. API is available without rate limiting.</p> <p>f. No limits on historical data storage or retrieval while under contract.</p> <p>g. Exclusive Account Manager & Diagnostic and YTD reports.</p> <p>h. Remote Software and hardware monitoring.</p> <p>i. Asset management.</p> <p>j. SIM Card Data Connectivity.</p> <p>k. 24x7 driver and site host Help Desk.</p> <p>l. Backup & Restoration Services – Hardware.</p> <p>m. Hardware OEM Warranty Management.</p> <p>n. Must be able to capture and export charging session reports for LCFC capture.</p> <p>o. Must be able to capture and export charging session reports for utility Charge Ready Transport program or grant reporting requirements.</p> <p>p. Five years of software subscription will be included.</p> <p>Advanced Load Management:</p> <p>a. Functionality will be a separate service with continuous load calculation and algorithm updates. The service will include:</p> <ol style="list-style-type: none"> 1) Real-time price updates. 2) Fleet Vehicle scheduling. 3) Set Fixed daily charging schedules. 4) Automatic vehicle updates through telematic integrations for vehicle data such as departure time, target SoC, SoC, and battery size. 5) Advanced optimization based: fleet, mixed fleet, a fleet with TOU, load sharing, and load sharing with TOU rates. 6) Advanced optimization based: on load sharing and load sharing with TOU rates. 7) Load optimization along with Local Smart Energy Systems. (real-time data from BMS) <p>Advanced Plus Connectivity:</p> <p>a. SIM Card Data Connectivity.</p> <p>b. SIM Card from major communications providers based on “Best Signal Strength” available at a site.</p>	

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<p><u>MOBILE CHRGING TRAILER SPECIFICATIONS</u></p> <p>Vendor shall provide a complete vehicle component description list, and computer-generated diagrams with dimensions for each item to be supplied as required in the bid specifications. The factory order sheet with applicable descriptive information may be acceptable for bid evaluation. Detailed drawings, as required within the specification, shall be included with the bid documents.</p>	
<p>CHASSIS:</p> <p>1. Deck Deck type equipment trailer, Approximately 14,000 lbs. Gross Vehicle Weight Rating (G.W.V.R.) @ 55+ MPH, with deck over the wheels, for moving construction equipment. Trailer shall be minimum rated to carry weight of generator and charge equipment.</p> <ul style="list-style-type: none"> a. Approximately 14,000 lbs. GVWR, unrestricted. b. Overall length: Approximately 293 inches. c. Overall width: Approximately 102 inches. d. Deck length: Approximately 234 inches. e. Deck width: Approximately 80 inches. f. Overall deck height: Approximately 15-18 inches. g. Tongue length 60 inches (approx.) h. Width between fenders: Approximately 80 inches. <p>2. Type</p> <ul style="list-style-type: none"> a. Deck trailer shall be specifically designed for the application. b. The entire trailer is painted or spray-lined in black, wheels are gray or black. <p>3. Capacity Vehicle shall be 15,000 lbs. G.V.W.R.</p> <p>4. Brakes</p>	

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<p>Hydraulic or Electric brakes</p> <p>5. Wheels Eight (8) Bolt [17.5" x 6.75"] Plate Wheel, factory gray color.</p> <p>6. Tires Four (4) ST215/75R 17.5 H, steel belted tubeless radial.</p> <p>7. Axles</p> <ul style="list-style-type: none"> a. Dexter style Approximately 7,000 lbs. rated. b. Oil Bath, Timken/Federal Mogul bearings. c. Steel hubs. <p>8. Frame Rails All A-36 structural steel, engineered to exceed rated trailer capacity.</p> <ul style="list-style-type: none"> a. Electrical conduit channel for wiring as necessary to protect wiring. b. Dual Perimeter frame rails for rigidity. <p>9. Suspension Spring Approximately 14,000 lbs. suspension, fixed mounting</p> <p>10. Hitch</p> <ul style="list-style-type: none"> a. Alloy steel 2-5/16" lunette eye. b. Dexter Approximately 7,000 Lb., auto-adjust, electric brakes. c. Attached to a drilled plate with four 5/8" grade 8 fasteners, with washers and grade C lock nuts. d. Height is adjustable 15" to 22" in 3" increments. e. Two (2) 3/8" height test, grade 70, class 5 safety chains with safety hooks, crossover type. <p>11. Tongue Jack Screw type, 12,000 lbs. static load capacity, drop-leg retract with sand shoe.</p> <p>12. Deck</p> <ul style="list-style-type: none"> a. Steel, 3/16" diamond plate, secure fastened to all cross 	

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<p>members including dovetail.</p> <ul style="list-style-type: none"> b. 24" Wide runners on each side full length of the deck and dovetail. c. 4" headboard. <p>13. Lights Department of Transportation (D.O.T.) regulation 12-volt using "Trucklite" type factory sealed lights and wiring system, Tail/Stop. Tail/Turn Signal shall be LED lights.</p> <ul style="list-style-type: none"> a. All taillights shall be recessed and have protection guards installed to minimize potential damage from contact. b. All taillights shall be installed in full weatherproof enclosure(s). c. All wiring connections shall be located inside weatherproof enclosures or be weathertight connections. d. All mounting screws shall be stainless steel. e. All wiring shall utilize a plastic loom and be secured to the body with plated metal strips and screws. Adhesive-type securement is not acceptable. <p>14. Wiring</p> <ul style="list-style-type: none"> a. Internally grounded to 7-way connector socket, completely sealed, 6-wire conductor main cable and PVC encapsulated, "Truck-Lite" type sealed system. b. All holes shall have sharp edges removed and use grommets. <p>15. Connector</p> <ul style="list-style-type: none"> a. 7-way industry standard. b. Wire per ATA standard. <p>16. Safety Stripping Install National Highway Traffic Safety Administration reflective stripping, on the side rail, rear bumper, and hitch per Federal regulations.</p> <p>17. Registration Holder</p>	

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Provide James King Model 300 registration holder, mounted on right fender.	
<p><u>MOBILE CHARGING SYSTEM</u></p> <ul style="list-style-type: none"> a. Offer 100+ gallons of code-compliant on-board propane storage. b. Units must comply with all applicable sections of the National Electric Code (NEC), Federal Motor Vehicle Safety Standards (FMVSS), National Fire Protection Association (NFPA) 58 and 32, American with Disabilities Act (ADA), Underwriters Laboratory (UL) and all local codes enforced by the Authority Having Jurisdiction (AHJ). c. One (1) 120kw, level 3, dual-port DC fast charger. d. All charger ports must have a min. 18ft charge cord w/CCS1 connectors. e. The generator and electrical wiring shall be contained in an enclosed cabinet and mounted to the trailer. Chargers shall be mounted to enclosures with a sealed roll-up door. f. Have separate and distinct communications battery systems and start battery systems to avoid total system battery failure. Both battery systems should have solar panels to maintain proper battery conditions as well as a redundant charging system for both battery systems. Redundant systems should operate in poor weather conditions such as snow and extended periods without sufficient sunlight. g. Remote access as well as onsite access to engine, generator, and system parameters without the need for proprietary software or hardware. Remote access should provide ample operational information to allow for efficient troubleshooting. Remote access and onsite access should be, look, operate, and function the same. h. In addition to the remote access, the system should have a stand-alone, automatic early warning system. This system should have the ability to monitor engine 	

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<p>and generator parameters, low and high limits and perform automatic shutdowns, if necessary, to preserve the equipment. This system should have the ability to email or text warning messages to the customer indicating the specific unit experiencing the alarm, what the alarm is and if the genset is performing an automatic shutdown.</p> <ul style="list-style-type: none"> i. Dealer must be able to provide extended warranty, service, repair, and maintenance on the entire system if the bidder so chooses. Including the initial year and subsequent years. j. All flat surfaces of the trailer deck must be coated with a slip-resistant coating for enhanced safety and enhanced corrosion protection. k. The unit must have a sloped roof away from the operator area. l. Gensets and related components must be industrial, prime power rated for the total electrical load. m. Generators must have PMGs (Permanent Magnet Generator) n. Dual isolated battery systems one system for communication and telemetry and one set for the genset and associated equipment. o. Must have redundant and automatic charging methods for both separate battery systems. p. System must have remote access to onboard equipment via an Ethernet connection. q. The system must have an automatic early warning and automatic alert system for genset system parameters. Must be able to automatically email and/or text alerts and alarms to the operator’s specified staff. r. Must provide the ability to geo-locate the unit while the communication system is powered on. s. Must be able to operate without being connected to a grid or hard field connection (i.e. 120 VAC, 220 VAC, hot water supply, etc.) t. Must be able to operate without the communications and controls system operational and without the communications battery system available. 	

Publication dates: November 10th and 17th, 2023. Bid #2023-2024-01

SPECIFICATION	BIDDER'S RESPONSE - MUST COMPLY OR STATE DEVIATIONS IN FULL
<p>u. Must have the ability to connect to an external fuel supply.</p> <p>1. Miscellaneous Requirements and Accessories</p> <p>a. One (1) copy of all factory operation, shop repair, and parts manuals for all components used on the vehicle, including brakes, for each vehicle delivered.</p> <p>b. Two (2) hours of training on vehicle operation for any delivered vehicle.</p> <p>c. The vehicle/Trailer is to be delivered complete and in operating condition. All work is to be completed by qualified personnel in a professional manner.</p> <p>d. Vehicles/Trailers subject to prior sale, modifications, alternatives and/or exceptions will not be considered.</p> <p>e. Vehicle/Trailer must conform to all Legal and Safety Equipment required by Federal or State standards and shall be provided and installed at the time of delivery.</p> <p>f. The bidder shall be a factory-authorized/ franchised dealer with complete parts, services, and repair agency.</p> <p>g. Supplier is to provide all necessary documents, weight certificates, etc., and register and plate the vehicle with the Department of Motor Vehicles.</p> <p>h. The successful bidder must furnish all necessary documents, including weight certificate, registration, and license plates installed at the time of delivery.</p>	
<p><u>WARRANTY AND MAINTENANCE PLAN</u></p> <p>1. Warranty</p> <p>a. All Chargers and Mobile Equipment will have a standard 2-year of warranty to cover parts and labor.</p> <p>b. Three (3) additional years of extended warranty to cover parts and labor will be included. Total of 5-years of warranty.</p> <p>2. Maintenance/inspection Plan</p> <p>5-year maintenance plan – Includes parts, tech</p>	

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<p>time, travel time, twice per year site visit for maintenance and inspection for each charger or mobile charging Trailer, Skid and Vehicle.</p> <p>Included for each inspection:</p> <ul style="list-style-type: none"> a. General cleaning of the unit, inside and out, which may include vacuuming of internal components if necessary. b. Inspect for physical damage. c. Check the screen and labels for legibility. d. Perform functional checks on EVSE including RFID reader. e. Visual inspection of output cables(s). f. Verify incoming voltage on all phases. g. Verify control voltages and adjust as necessary. h. Verify input power and circuit breakers. i. Electronic summary report. j. Visual inspection of all major components. k. Confirm proper operation of the micro switches on the circuit breakers and fuses. l. Check the operation of the Emergency Stop button. m. Review faults or issues. n. Verify the date and time and that all programmable settings are correct. o. Low resistance digital Ohm meter to perform contact resistance on breakers and termination points. p. Electronic summary report. q. Check oil, oil filter, air filter and visually inspect spark plugs, hoses, belts, etc. (Mobile Trailer, Truck or Skid options) r. Change the oil, oil filter, and air filter. (Mobile Trailer, Truck, or skid options) <p><u>COMMISSIONING/PROGRAMMING MOBILE CHARGING</u></p> <p>A. Manufacturer or Dealer Field Service: Engage a factory-authorized service representative to test and inspect components, assemblies, and equipment installations, including connections.</p>	

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<p>B. Tests and Inspections: For each unit of EV charging equipment, perform the following tests and inspections:</p> <ul style="list-style-type: none"> c. Unit self-test. d. Operation test with EV. e. Network communications test. f. Operation text with a load bank. <p>C. EV charging equipment will be considered defective if it does pass tests and inspections.</p> <p>D. Factory or dealer-authorized service representative to prepare test and inspection reports.</p> <p>E. Engage a factory or dealer-authorized service representative To perform startup service.</p> <p>F. Complete installation and startup checks according to manufacturer’s written instructions.</p>	
<p><u>Delivery/Shipping</u></p> <p>All Charging Equipment will be delivery to the district or to any ordering agencies directly.</p> <p>Shipping: Shipping costs will be included in the overall bid package.</p> <p>Delivery Timeframe: List the estimated delivery timeframe for each charging equipment, once the order is placed.</p> <ul style="list-style-type: none"> 1. DCFC 2. Level 2 3. Mobile Trailer 	<p>Days _____</p> <p>Days _____</p> <p>Days _____</p>
<p><u>Consulting Services:</u> Consluting Services Fee Hourly.</p>	<p>Hourly Rate: _____</p>

<p><u>ADDITIONAL AVAILABLE OPTIONS:</u> Must provide pricing for each available option from each section on the provided options list.</p>	<p>*All options subject to compatibility</p>
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