REQUEST FOR PROPOSAL (RFP)
BABA-Compliant Direct Current Fast Charging (DCFC) Systems
Issue Date: 6/29/2026, Due Date: 7/21/2026
Project Name: Adopt a Charger DCFC Depot for Fort Smith, Arkansas

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1. Introduction: Adopt A Charger is seeking proposals from qualified vendors to supply and deliver pre-assembled BABA-compliant DC Fast Charging (DCFC) systems for commercial EV charging sites. This RFP is for BABA-compliant (Build America, Buy America Act) equipment suitable for federally funded projects. Vendors must demonstrate full compliance with current BABA requirements.

2. Scope of Work

The successful vendor(s) shall supply DCFC Units consisting of:

- Power cabinet
- Pedestal dispensers that feature both the CCS and NACS connectors
- Pre-mounted on a precast concrete foundation (or equivalent modular base), preferred but not required
- Fully factory-assembled, wired, and commissioned

Quantity required: 8 units

Delivery shall be to Fort Smith, Arkansas.

3. Minimum Technical Requirements

Proposers must meet or exceed the following specifications:

3.1 System Configuration

- Shared power architecture between at least 4-post DCFC
- Factory-integrated power cabinet + dispensers
- Universal cable reach with 3-meter liquid-cooled cables
- Integrated cable management and holster system

3.2 Electrical Specifications

AC Input

- Voltage: 480 VAC, 3-phase + Neutral, -5% / +10%
- Peak Power: ≥ 387 kVA
- Max Input Current: ≤ 465 A
- Main Breaker: 600 A, 65 kAIC minimum

DC Output / Shared Bus

- Total System Power: ≥ 575 kW
- Per Post Power: ≥ 250 kW continuous
- DC Voltage Range: 200 – 1000 V (0–500 V typical at post)
- Certified Continuous Current: ≥ 615 A per post
- System Efficiency: ≥ 96%

Protections

- Over-current, over-temperature, surge protection, isolation monitoring
- Short-circuit current rating: ≥ 85 kA RMS
- Integrated electronic trip circuit breakers

3.3 Mechanical & Environmental

- Operating Temperature: -30°C to +50°C
- Charging Cable Length: 3 meters minimum

3.4 Standards & Certifications

- UL 2202 / CSA C22.2
- IEC 61851-1 / IEC 61851-2
- FCC / ICES compliant
- OCPP 1.6J or higher (open protocol)
- NACS + CCS compatibility
- ADA compliant dispensers

3.5 BABA Compliance (Mandatory)All offered equipment must be fully BABA compliant:

- 100% domestic final assembly in the United States

- All steel, iron, and manufactured products produced in the United States
- Domestic content percentage clearly documented (minimum thresholds per current BABA/NEVI rules)
- Provide Buy America Certificate, detailed Domestic Content Worksheet, and supporting documentation (mill certificates, assembly records, etc.)
- Waiver requests will not be accepted

4. Additional Requirements

- Warranty: Minimum 5 years parts & labor on charger, 10 years on structural components
- Service & Support: 24/7 technical support, local field service within 72 hours
- Training: Operator and maintenance training included
- Payment System: Integrated credit card / contactless / app-based (PCI compliant)
- Communications: Cellular + Ethernet, remote monitoring & diagnostics
- Site Accessories: Provisions for bollards, light poles, trash receptacles, and auto-transformer mounting

5. Reporting requirements:

- Hours per day the charger drew power
- Hours per day the charger was connected to an electric vehicle
- kWh per day dispensed per charging port
- Uptime percentage rate per charger, with all data needed to verify calculations including an itemized summary of the date, duration, and category all excluded downtime being claimed for a reporting period
- Percentage of successful charging sessions to the total number of charge attempts for each charger
- All instances of preventative and corrective maintenance
- Time log with information on reported charger malfunctions and corresponding repairs
- Proof of network monitoring and call center service.

6. Proposal Submission Requirements

Proposals must include:

1. Company profile and experience with BABA/NEVI projects
2. BABA compliance documentation and certifications
3. Pricing (unit price, delivery, optional installation, extended warranty)
4. Lead time / delivery schedule
5. References from at least 3 similar BABA-compliant deployments
6. Product drawings, datasheets, and installation manuals
7. Sample contract terms and insurance certificates

7. Evaluation Criteria

Criteria	Weight
Technical Compliance & Performance	20%
BABA Compliance & Documentation	5%
Price & Total Cost of Ownership	25%
Experience & References	20%
Warranty, Support & Training	20%
Delivery Schedule	10%

8. Safety & Compliance

• Meet UL or similar OSHA-compliant certifications

• Built-in safety features

1. Overvoltage and undervoltage protection
2. Short-circuit protection

3. Over-temperature protection
4. Ground fault detection
5. Emergency stop mechanisms
6. Surge protection

• Comply with all NEC and Federal Communications Commission regulations for safety and operation requirements

• Include physical and cybersecurity features to ensure charging stations are protected from vandalism and/or attacks

• Extreme weather (temperature extremes, flooding, ice, heavy snow, and high winds) and condensation resistant • Include barriers or other configurations to prevent damage from equipment used for snow removal

• Be factory calibrated (as applicable) prior to, or during installation, in accordance with OEM standards

9. Timeline

- RFP Issued: 6/29/2026
- Questions Deadline:7/07/2026
- Proposal Due: 7/21/2026
- Award Notification: 8/03/2026
- Delivery Start: 9/1/2026

10. Terms & Conditions

- All proposals must be valid for 120 days
- Adopt A Charger reserves the right to reject any or all proposals
- This RFP is subject to all applicable federal, state, and local laws including BABA/NEVI requirements

11. Contact for Questions

- Kitty.adams@adoptacharger.org
- All questions must be in writing and submitted via email