

REQUEST FOR PROPOSAL (RFP)

BABA-Compliant Level 2 EV Charging Stations RFP Number:0002

Issue Date: 6/29/2026, Due Date: 7/21/2026

Project Name: Adopt a Charger level 2 charger

1. Introduction: Adopt A Charger is seeking proposals from qualified vendors to supply and deliver BABA-compliant Level 2 AC EV Charging Stations for commercial and public use. This RFP prioritizes Build America, Buy America (BABA) compliant equipment suitable for federally funded projects (e.g., NEVI, CFI, or other Infrastructure Investment and Jobs Act programs).

2. Scope of Work

The successful vendor(s) shall supply commercial-grade Level 2 EV Charging Stations, including:

- Single-port or dual-port configurations
- Wall-mount, pedestal, or bollard-mounted options
- Fully networked, smart charging capability
- All necessary accessories (cables, connectors, mounting hardware)

Quantity required: 14-20 ports across multiple sites, with options for additional units.

Delivery to various locations in Fort Smith, AR.

3. Minimum Technical Requirements

Proposers must meet or exceed the following specifications:

3.1 System Configuration

- Commercial-grade, ruggedized Level 2 AC chargers
- SAE J1772 connector (permanently attached)
- Single or dual-port per station
- Power sharing / load management capability
- Integrated cable management and holster
- ADA-compliant mounting height and reach

3.2 Electrical Specifications

Parameter	Specification
Input Voltage	208/240 VAC, single-phase
Maximum Power Output	Up to 19.2 kW per port (80A @ 240V)
Configurable Current	12A – 80A (selectable)
Frequency	50/60 Hz
Efficiency	≥ 95%
Circuit Breaker Recommendation	100A, 2-pole
Connector	SAE J1772 Type 1
Cable Length	25 ft

3.3 Mechanical & Environmental

- Operating Temperature: -30°C to +50°C (-22°F to +122°F)
- Ingress Protection: NEMA 4X / IP66 minimum (outdoor rated)
- Noise Level: ≤ 50 dBA
- Mounting Options: Wall, pedestal, or pole-mount
- Warranty: Minimum 5 years parts & labor (10 years preferred on structural components)

3.4 Smart Features & Communications

- OCPP 1.6J or higher (OCPP 2.0.1 preferred)
- Wi-Fi, Ethernet, and Cellular (LTE) connectivity
- Remote monitoring, diagnostics, and firmware updates
- RFID / Credit Card / Contactless / App-based authentication, with the ability to operate in free vend mode w/o network authentication
- PCI-compliant payment processing
- Demand response / smart charging / load management ready
- ENERGY STAR certified

3.5 Standards & Certifications

- UL 2594 / UL 2202 or equivalent NRTL listing
- CSA C22.2
- FCC / ICES compliant
- ISO 15118 ready (Plug & Charge capable)
- NACS compatibility via certified adapters (optional but preferred)

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

- 100% domestic final assembly in the United States
- Steel, iron, and manufactured products produced in the United States
- Domestic content percentage clearly documented (minimum per current BABA/NEVI rules — ≥55% or higher as applicable)
- Provide Buy America Certificate, detailed Domestic Content Worksheet, mill certificates, and assembly records
- No waiver requests will be accepted

4. Additional Requirements

- Warranty: Minimum 5 years comprehensive (parts, labor, and software)
- Service & Support: 24/7 technical support
- Training: Full operator, maintenance, and network management training
- Cybersecurity: Compliant with industry best practices
- Site Accessories: Compatible with bollards, light poles, and signage

5. Reporting Requirements

The vendor network platform must support reporting required by the CPRG. Vendor to provide said reports to Adopt a charger on a monthly basis. Reporting must include:

- 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 charging 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 relevant BABA/NEVI project experience
2. Detailed technical compliance matrix
3. Full BABA compliance documentation and certifications
4. Pricing (unit price per charger type, delivery, installation options, extended warranty, software subscription)
5. Lead time and delivery schedule
6. References from at least 3 similar BABA-compliant Level 2 deployments
7. Product datasheets, drawings, and installation manuals
8. Back Office & Payment solution, example of site host dashboard, utilization reports, and uptime reports
9. Sample contract terms and proof of insurance

7. Evaluation Criteria

Criteria	Weight
Technical Compliance & Features	30%
BABA Compliance & Documentation	20%
Price & Total Cost of Ownership	25%

Experience, References & Support	15%
Delivery Schedule & Training	10%

8. Timeline

- RFP Issued: 6/29/2026
- Questions Deadline: 7/7/2026
- Proposal Due: 7/21/2026
- Award Notification: 8/3/2026
- Delivery / Installation Start: 9/1/2026

8. Terms & Conditions

- Proposals valid for 120 days
- Adopt A Charger reserves the right to reject any or all proposals
- Subject to all applicable federal (BABA/NEVI), state, and local laws

11. Contact for Questions

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