

REQUEST FOR QUOTATION

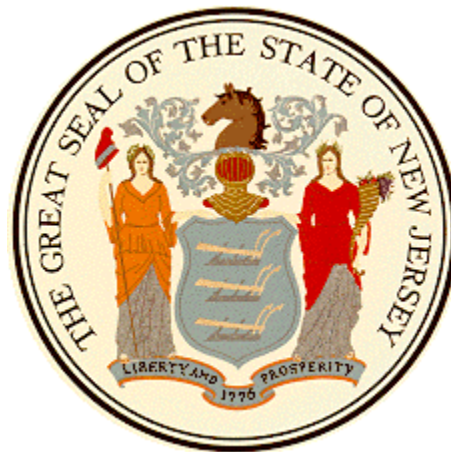
Solar Powered Charging Stations For Hybrid and Electric Vehicles

STATE OF NEW JERSEY

Honorable Philip D. Murphy, Governor
Honorable Sheila Y. Oliver, Lt. Governor

DEPARTMENT OF TRANSPORTATION

Diane Gutierrez-Scaccetti, Commissioner



February 10, 2022

Important Dates

Question Cut-Off:	February 17, 2022 @ 10:00 am Email: dot-ems_bid.procurement@dot.nj.gov
Answers to Bid Questions:	Bidders are encouraged to monitor the NJDOT – EMS website daily for updates, changes and responses to questions through the submission due date. http://www.nj.gov/transportation/business/procurement/ems/current.shtm
Bid Opening:	February 28, 2022 @ 10:00 am Email: dot-ems_bid.procurement@dot.nj.gov Quotes sent to any other e-mail address may result in the quote being rejected. The quote must be submitted in PDF format. No other format will be accepted.
Procurement Contact:	Nikki Ghorbani: 609-963-2322 Email: dot-ems_bid.procurement@dot.nj.gov

1.0 Purpose

The purpose of this Request for Quotation is to procure Solar Powered Charging Stations for Hybrid and Electric Vehicles per the specifications listed below. The description and parts are minimum requirements and are provided for reference. Equivalent or better equipment may be acceptable as substitutions.

2.0 Specifications

The purpose of this specification is to describe the minimum requirements for a Solar Powered Electric Charger or equivalent. This technology will allow for The Department to charge plug-in hybrid and battery electric vehicles via renewable energy.

Description	Minimum Requirements
Charger Type	Shall be capable of charging up to 6 vehicles at a time with any brand charger.
Solar Array	Shall be 4.3 kW
Daily Range Delivery	Shall be capable of providing up to 265 miles on a single charge
Battery Storage	Shall have a minimum of 22 kWh. Option to upgrade battery storage to 43 kWh shall be provided.

Size	Base of unit shall be sufficient enough to fit in a standard parking space (7.5' x 18')
Logo Display	Space shall be provided for NJDOT logo.
Lights	LED lighting shall be provided.
CHARGING STATIONS	
ChargePoint EV Charging Stations	A "CT-4023 Dual Port EVSE" Level 2 charger with pedestal mount shall be provided.
REMOTE MONITORING SYSTEM	
General Requirements	A remote monitoring system shall be provided to allow the ability to monitor daily solar production, EV charging statuses, energy output and battery conditions. System shall also provide ability to remotely troubleshoot any issues that arise and assess performance.
POWER PANEL	
Emergency Power Panel	An emergency power panel that provides continuous power of up to 25 amps and 240 volts in the event of a power outage shall be provided.
Covers and Cover Plate	Covers and boots for breakers shall be waterproof. Cover plate shall be lockable when not in use.
SAFETY BOLLARDS	
General Requirements	A set of two (2) safety bollards shall be provided with each charger.
TRAINING	
On-Site Training	On site training by a technician or subject matter expert shall be provided. Training shall include (but not limited to) any preventative maintenance, usage, troubleshooting, transporting, and reporting.

3.0 Installation

The Vendor shall furnish all necessary labor and equipment to install components described within its quote. All work shall be performed by factory trained technicians during normal working hours (8am to 4pm), Monday through Friday.

4.0 Freight

The freight cost for delivery of this equipment shall be included on the PB-120.

6.0 Delivery

The system shall be delivered, installed and tested in a way that is ready to use immediately. All necessary manuals and invoices shall be provided at the time of delivery.

The equipment shall be delivered to:

- Location 1: 1035 Parkway Avenue, Trenton, NJ 08625 (2 units)
- Location 2: 200 Stierli Court, Mount Arlington, NJ 07856 (1 unit)

- Location 3: 1 Executive Campus, Cherry Hill, NJ 08002 (1 unit)

Delivery shall not exceed 90 days after receipt of purchase order. Delivery date shall be confirmed at the time order is placed.

7.0 Warranty

The Vendor agrees to immediately replace and install free of charge any part that may break, fail or malfunction by reason of defective material or workmanship for a minimum period of one (1) year or the manufacturer's standard warranty, whichever is longer, as well as five (5) additional years of extended warranty from the date of acceptance by the NJDOT. Warranty shall cover all parts and labor, any future on-site labor and travel expenses for technicians and routine preventative maintenance. Bidder must provide warranty information with its proposal.

8.0 Quote Content

A quotation must arrive at NJDOT in accordance with this RFQ, within the time frame indicated to the e-mail address noted in this RFQ. The quote should be submitted in two (2) sections with the content of each as indicated below.

A. Section 1 – Forms

The Vendor must submit all the forms listed on the checklist. The checklist and required forms can be found at the following link:

<https://www.state.nj.us/treasury/purchase/forms/Waiver%20and%20DPA%20Contract%20Checklist.pdf>.

All required DPA forms must be completed and submitted in their entirety with your bid. Failure to submit the required DPA Forms may result in your bid being rejected.

NOTE: The Vendor must be registered in NJSTART to qualify for an award. NJSTART registration link as follows: <https://www.njstart.gov/bsol/>

B. Section 2 – Price

The Vendor may supply their own quote; however, a signed PB-120 Form MUST be submitted indicating the total price for all aspects of this RFQ. Failure to submit this form shall deem your bid non-responsive and your bid will be rejected.

Cut sheets and/or equipment brochures shall be included with the quote.

The quote must be submitted in PDF format. No other format will be accepted.

9.0 Negotiation and best and final offer (BAFO)

After evaluating the quote, NJDOT may establish a competitive range and enter into negotiations with one (1) Bidder or multiple Bidders within this competitive range. The primary purpose of negotiations is

to maximize the State's ability to obtain the best value based on the mandatory requirements, evaluation criteria, and cost. Multiple rounds of negotiations may be conducted with one (1) Bidder or multiple Bidders. Negotiations will be structured by NJDOT to safeguard information and ensure that all Bidders are treated fairly.

Negotiations will be conducted only in those circumstances where they are deemed by NJDOT to be in the State's best interests and to maximize the State's ability to get the best value. Therefore, the Bidder is advised to submit its best price quote in response to this solicitation since NJDOT may, after evaluation, make an award based on the content of the initial submission, without further negotiation and/or Best and Final Offer (BAFO), with any Bidder.

10.0 Award

- A. Award of this contract will be based upon the lowest responsible bid.
- B. The New Jersey Department of Transportation (NJDOT) reserves the right to reject all bids.
- C. NJDOT reserves the right to award this project in whole, in part or not make an award.
- D. Awarded Contractors, along with their proposal amount will be posted on the NJDOT, Equipment Materials & Supplies, Awarded Projects' webpage.
- E. Award of this contract shall not be interpreted to mean approval to proceed until an authorized purchase order is issued to the contractor.

11.0 Additional Notices & Requirements

A) DIANE B. ALLEN EQUAL PAY ACT

Pursuant to N.J.S.A. 34:11-56.14(b), any employer, regardless of the location of the employer, who enters into a contract with a public body to perform any public work for the public body shall provide to the Commissioner of the New Jersey Department of Labor and Workforce Development, through certified payroll records required pursuant to P.L.1963, c.150 (C.34:11-56.25 et seq.), information regarding the gender, race, job title, occupational category, and rate of total compensation of every employee of the employer employed in the State in connection with the contract. The employer shall provide the commissioner, throughout the duration of the contract or contracts, with an update to the information whenever payroll records are required to be submitted pursuant to P.L.1963, c.150 (C.34:11-56.25 et seq.).

Information regarding the Diane B. Allen Equal Pay Act and its requirements may be obtained from the New Jersey Department of Labor and Workforce Development (LWD) web site at: <https://nj.gov/labor/equalpay/equalpay.html>

LWD forms may be obtained from the online web site at: https://nj.gov/labor/forms_pdfs/equalpayact/MW-562withoutfein.pdf

- B) NJDOT is required to comply with P.L. 2012, c. 4, which requires all agencies to encourage awarded contractors to notify their employees of organ and tissue donation options.

“Organ and Tissue Donation: As defined in section 2 of P.L. 2012, c. 4 (N.J.S.A. 52:32-33), contractors are encouraged to notify their employees, through information and materials or through an organ and tissue awareness program, of organ donation options. The information provided to employees shall be prepared in collaboration with the organ procurement organizations designated pursuant to 42 U.S.C. §1320b-8 to serve in this State.”

C) ANTI-DISCRIMINATION

All parties to any contract with the State agree not to discriminate in employment and agree to abide by all anti-discrimination laws including those contained within N.J.S.A. 10:2-1 through N.J.S.A. 10:2-4, N.J.S.A. 10:5-1 et seq. and N.J.S.A. 10:5-31 through 10:5-38, and all rules and regulations issued thereunder are hereby incorporated by reference.

The contractor or subcontractor, where applicable, agrees to comply with any regulations promulgated by the Treasurer pursuant to N.J.S.A. 10:5-31 et seq., as amended and supplemented from time to time.

D) COVID-19 COMPLIANCE (E.O. 271)

The Contractor shall comply with Executive Order No. 271 of Governor Philip Murphy (EO 271) and shall ensure that all subcontractors and material providers of every tier also comply with EO 271.

[Governor Murphy's Executive Order No. 271](#) (EO 271)