

Opportunity 2023-005

Item to be scouted: DC Fast Charger

Days: 365

Item description: DC Fast Charger (Rated Power Level: 20kW - 150kW) charger to support EPA's Clean School Bus program

NAICS code: 447190

Supplier Information

Type of supplier being sought: Manufacturer

Reason for scouting submission: New product startup

Summary of technical specifications and performance requirements

Describe the manufacturing processes (elaborate to provide as much detail as possible):

Electronic and mechanical assembly

Provide dimensions / size / tolerances / performance specifications for the item:

DC Fast Chargers vary in size depending upon the manufacturer. Must be rated for a power level of 20kW - 150kW

List required materials needed to make the product, including materials of product components:

Materials may vary by manufacturer but core materials needed for EV chargers include cable, steel, thermoplastic, copper, alternator, wiring, electronic control unit, lithium, manganese, cobalt, graphite, nickel, etc.

Are there applicable certification requirements?: No

Are there applicable regulations?: No

Are there any other standards, requirements, etc.?: No

Business Information

Volume and pricing

Estimated potential business volume:

Approximately 6,000 per year

Estimated target price / unit cost information (if unavailable explain):

Approximately \$50,000 per unit

Delivery requirements

When is it needed by?:

TBD

Describe packaging requirements:

Individually wrapped

Where will this item be shipped?:

School districts nationwide

Additional comments

Is there other information you would like to include?:

These need to be commercial (for electric school buses) and not residential.

Additional Information

Agree (click to read agreement): Yes