

Supplier Scouting Opportunity Synopsis 2023-036

Item to be scouted: 200 HP Dynamometer Drive

Item description: The Environmental Protection Agency Office of Research and Development Center for Environmental Measurement and Modelling: Air Methods and Characterization Division conducts research on vehicle emissions using a light duty dynamometer. The existing drive system failed and needs to be replaced.

NAICS code: 334519

Technical Information

Supplier Information

Type of supplier being sought: Manufacturer

Reason for scouting submission: BAA requirement

Summary of technical specifications and performance requirements

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

Provide dimensions / size / tolerances / performance specifications for the item: 4'x3'x2' 200 HP power supply (Drive)

List required materials needed to make the product, including materials of product components:
Power supplies, capacitors, sheet metal (cabinet), and wiring.

Are there applicable certification requirements?: Yes, Underwriters Laboratory certified

Are there applicable regulations?: No

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

Business Information

Volume and pricing

Estimated potential business volume: 1 every 20 years

Estimated target price / unit cost information (if unavailable explain): \$150K

Delivery requirements

When is it needed by?: ASAP company says 60 days

Describe packaging requirements: one pallet.

Where will this item be shipped?: Durham, NC

Additional Information

Photos or diagrams of the item

200 HP Dynamometer Drive Upgrade for BEP M4100 – SN 506477 2WD Dynamometer

The existing Baldor 200 hp dynamometer drive will be replaced.



The new ABB 200 (or 400) hp air cooled drive cabinet will be installed within 50 feet of the existing panels. The old Baldor drive will be removed, and customer will store for spare parts or dispose of old drive.

