

# MEPNN Supplier Scouting Opportunity Synopsis

Item Information	
Scouting Number	2023-087
Item to be Scouted	200 hp dynamometer drive
Days to be scouted	30
Description	200 hp dynamometer drive is needed to power downstream dynamometer controls. (The existing BEP M4100 light-duty dynamometer system must be powered by a compatible power drive).
State item to be used in	North Carolina

Contact Information	
Email	vreeland.heidi@epa.gov
First Name	Heidi
Last Name	Vreeland
Department / Company / MEP Center	North Carolina MEP
Bureau / Division / MEP Center Regional Office	

Supplier Information	
Type of supplier being sought	Manufacturer
Reason	Other
Details	Drive system needed is part of complex system and is being specified by integrating contractor

Summary of technical specifications and performance requirements	
Describe the manufacturing processes (elaborate to provide as much detail as possible)	This is an electrical power system that powers downstream mechanical operations of the dynamometer and communicates with upstream control systems.
Provide dimensions / size / tolerances / performance specifications for the item	200 hp air-cooled chassis drive with interconnecting cables. Must provide installation that is compatible with current downstream and upstream systems. Must provide installation supervision and ensure that the full system is able to operate as intended with existing components.
List required materials needed to make the product, including materials of product components	This is a replacement electrical power system (to replace a failed system) that must integrate with existing systems and components that are still operational. There are many materials and multiple complex components comprising this system.
Are there applicable certification requirements?	Yes
Details	Manufacturer must meet requirements of CFR 1065 commissioning regulations regarding speed/acceleration/etc
Are there applicable regulations?	Yes
Details	CFR 1065 commissioning regulations regarding speed/acceleration/etc
Additional Technical Comments	

## Volume and Pricing

Estimated potential business volume	This is a single system to replace a system failure
Estimated target price / unit cost information (if unavailable explain)	~\$155,000 per unit/installation/integration

## Delivery Requirements

When is it needed by?	Immediate
Describe packaging requirements	NA (manufacturer must provide and install system)
Where will this item be shipped?	Research Triangle Park, NC

## Additional Comments

Is there other information you would like to include?	
---	--