MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2026-117
Item to be Scouted	Mass Loss Cone Calorimeter
Days to be scouted	30
Response Due By	05/01/2026
Description	A compact stainless steel conical heater and built-in balance for use in the University of Maine Soil Testing and Analytical Service. The heater must contain control thermocouples, a spark igniter, a heat shutter mechanism, and

Section 2: Technical Information

Type of supplier being sought	Maine Other
Details	Manufacturer and/or distributor
Reason	BABA
Describe the manufacturing processes (elaborate to provide as much detail as possible)	Distributor assembles a conical heater for use in fire testing studies on large samples.
Provide dimensions / size / tolerances / performance specifications for the item	Variable heat flux of 10-100kW/m2 with a sample capacity of 500g, capable of holding a cylindrical sample of organic material of 6cm wide x 10cm high. Total dimensions of the instrument need to be small enough to fit inside a standard fume hood. Capacity to test reduced oxygen atmospheres is not needed (ambient O2 only).
List required materials needed to make the product, including materials of product components	Metals & Alloys (Copper, aluminum, stainless steel, and other metals), Silicas and Ceramics
Are there applicable certification requirements?	No
Are there applicable regulations?	No
Are there any other stndards, requirements, etc.?	No
Additional Technical Comments	Build America, Buy America (BABA) requirements set forth in 2 C.F.R. part 184 (BABA regulations) must be met for the grant 60NANB24D194 (Congressionally Identified Projects Program).

Section 4: Business Information

Estimated potential business volume	Purchase of one unit as a one-time order.
Estimated target price / unit cost information (if unavailable explain)	$55,000
When is it needed by?	By August 31
Describe packaging requirements	Best available. Delivered undamaged. Specifics discussed in negotiation.
Where will this item be shipped?	University of Maine, Orono, ME

Additional Comments

Is there other information you would like to include?	Contact information: Julia Barra, julia.barra@maine.edu (Research Director of the Analytical Laboratory and Maine Soil Testing Service)