MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2025-371
Item to be Scouted	Petroleum & Lubricants
Days to be scouted	15
Response Due By	12/09/2025
Description	Used Engine Oil (Dehydrated & Filtered): Regulatory/market context: EPA 40 CFR Part 279 and TCEQ Chapter 324. Must be purchased from registered Texas handlers. Specs: water = 2 wt%; filtration = 5 µm; metals

Section 2: Technical Information

Type of supplier being sought	Manufacturer
Reason	New Industrial Engine Oil OEM-grade; water = 0.1%; certified additive package; ISO VG specification; contamination = 50 ppm particles.
Describe the manufacturing processes (elaborate to provide as much detail as possible)	Please see attached documentation for information on manufacturing processes
Provide dimensions / size / tolerances / performance specifications for the item	Please see attached documentation for information on specifications
List required materials needed to make the product, including materials of product components	Please see attached documentation for information on materials required to make this product
Are there applicable certification requirements?	No
Are there applicable regulations?	No
Are there any other stndards, requirements, etc.?	No
Additional Technical Comments	

Section 4: Business Information

Estimated potential business volume	Please see attached documentation for information on estimated potential business volume
Estimated target price / unit cost information (if unavailable explain)	Please see attached documentation for information on estimated target price
When is it needed by?	2026
Describe packaging requirements	In accordance with the US and EU regulations depending on the region for delivery. Best available. Delivered undamaged. Specifics discussed in negotiation
Where will this item be shipped?	The USA. Woodlands, TX or Pasadena, TX (both are in the Greater Houston area)

Additional Comments

Is there other information you would like to include?	

Sect
Email
Name
Organization Type
Department/Company/ MEP Center
Bureau/Division/MEP Center Regional Office
Item to be Scouted
State Item to be Used
Days to be Scouted
Description

Products
Used Engine Oil (Dehydrated & Filtered)
New Industrial Engine Oil

ion 1: General Information

ichebotn@central.uh.edu
Igor Chebotniagin
Center
See Below
See Product below in Specification

Description
Used Engine Oil (Dehydrated & Filtered): Regulatory/market context: EPA 40 CFR Part 279 and TCEQ Chapter 324. Must be purchased from registered Texas handlers. Specs: water = 2 wt%; filtration = 5 µm; metals characterization (<100 ppm heavy metals); CoA required including halogens, flash point, metals,
Commercial ASTM D6751-compliant B100. Source from Texas suppliers (prefer BQ-9000 certified). Best fit: high-oleic biodiesel (methyl-oleate-rich). Specs: viscosity 1.9–6.0 cSt at 40 °C; water & sediment = 0.05 vol%; acid number = 0.50 mg KOH/g; sulfur = 15 ppm; flash point = 93 °C; glycerin levels within

Describe Manfucaturing Process	
Used engine oil is processed—not manufactured—by dehydrating, settling, and microfiltering collected oil to remove water, solids, and contaminants while meeting	
OEM-grade; water = 0.1%; certified additive package; ISO VG specification; contamination = 50 ppm particles.	

Section 2: Technical Information

Dimensions/Size/Tolerance		Required Material
Speifications	Product Location in Specification	
Used Engine Oil (Dehydrated & Filtered): Regulatory/market context: EPA 40 CFR Part 279 and		
New Industrial Engine Oil OEM-grade; water = 0.1%; certified additive package; ISO VG specification;		

Applicable Certification Requirements	Applicable Regulations	Applicable Standards

	Section 3: Business Informa	
NAICS 1	Estimated Potential Bussiness Volume	Estimated Target Price
541713 Research and Development in Nanotechnology	Used Engine Oil: Y1 (80 tons); Y2 (320 tons); Y3 (1,200 tons).	
541713 Research and Development in Nanotechnology	New Engine Oil: Y1 (60 tons); Y2 (200 tons); Y3 (1,100 tons).	

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When is it Need By
2026
2026