

ATTACHMENT A

Scope of Work



SCOPE OF WORK

1. PROJECT BACKGROUND AND OVERVIEW

The Contractor shall provide all labor, supervision, equipment, materials, supplies, transportation, including, as needed, loading and unloading, permits, certifications, and licenses necessary to deliver locomotive lubricating oil and other railroad lubricating products to two (2) of the Virginia Railway Express (VRE) Maintenance and Storage Facilities (MSFs) located in Bristow, Virginia and Fredericksburg, Virginia.

2. GENERAL REQUIREMENTS

- A. The Contractor shall deliver locomotive lubricating oil and other railroad lubricating products upon request to VRE's MSFs at the following locations:
 - 1. VRE Broad Run MSF
10637 Piper Lane
Bristow, VA 20136
 - 2. VRE Crossroads MSF
9400 Crossroads Parkway
Fredericksburg, VA 22408
- B. VRE will initiate delivery requests by telephone or electronic mail to the Contractor.
- C. Typically, deliveries shall be required at least once, but no more than twice per week, to each VRE MSF. However, the Contractor shall be on-call twenty-four (24) hours a day, seven (7) days per week to respond to emergency requests from VRE.
- D. Unless otherwise directed by VRE, the Contractor shall deliver the lubricating oil and other railroad lubricating products to the VRE MSF between the hours of 7:30 A.M. and 5:00 P.M. Eastern Time, Monday through Friday.
- E. The Contractor shall be capable of delivering an average of two hundred seventy-five (275) gallons of Main Engine Lubricating Oil per month to each VRE MSF.
- F. Delivery of locomotive Main Engine Lubricating Oil as well as Head End Power (HEP) Engine Lubricating Oil shall be in bulk and delivered directly into three hundred (300) gallon portable tanks provided by VRE.
- G. The delivery of Main Engine Lubricating Oil and HEP Engine Lubricating Oil shall be metered, and the Contractor shall print a receipt. The receipt shall be submitted to and signed by VRE staff or an approved designee at the time of the delivery.



- H. All other lubricating oil products shall be delivered to VRE's MSFs in fifty-five (55) gallon drums by the Contractor.
- I. In addition to VRE initiated service requests, the Contractor shall provide remote monitoring of Main Engine Lubricating Oil and HEP Engine Lubricating Oil levels at VRE's MSFs and shall coordinate with VRE regarding delivery of oil when levels drop below half.
- J. The Contractor shall take all due precautions to prevent any oil or lubricant spillage when the portable tanks are filled and when delivering drums to the VRE MSFs. The Contractor shall be liable for any damage to VRE property caused by the work performed by the Contractor or its Subcontractors.

3. **PRODUCT SPECIFICATION**

The Contractor shall deliver the following railroad lubricating products to VRE on an as needed basis:

- A. Main Engine Lubricating Oil - Society of Automotive Engineers (SAE) 20W40, with a minimum Total Base Number (TBN) of nine (9) and a maximum TBN of thirteen (13), zinc free (or zinc, ppm cmax 10).
- B. Locomotive HEP Engine Lubricating Oil – RelaDyne AllFleet Heavy Duty Engine Oil Synthetic Blend 15W40 (CK-40) or approved equal.
- C. Traction Motor Support Bearing Oil - Shell Cyprina Oil 963 or approved equal. The Traction Motor Support Bearing Oil supplied by the Contractor shall meet the applicable requirements of Electro-Motive Diesel (EMD) Specification 1002 and Association of American Railroads (AAR) Specification M-963.
- D. Air Compressor Lubricating Oil - Hydraulic/turbine fluid with premium Rust and Oxidation (R&O) inhibited multipurpose turbine and hydraulic oil, Shell T-68 or approved equal.

4. **PRODUCT DELIVERY SCHEDULE**

- A. Unless otherwise specified, the Contractor shall deliver railroad lubricating products within **forty-eight (48) hours** of receipt of a delivery request from VRE.
- B. In the event lubricating products are not delivered to either MSF in accordance with the established delivery schedule, the Contractor shall be responsible for reimbursing VRE, within thirty (30) calendar days, for all costs incurred to resolve the delivery failure.

