

ATTACHMENT A

Scope of Work



SCOPE OF WORK

1. GENERAL REQUIREMENTS

- A. The Contractor shall provide all labor, supervision, equipment, material and transportation necessary to supply twenty (20) new locomotive air compressors in accordance with the requirements specified herein.
- B. The Contractor shall adhere to all applicable requirements of the current editions of the following:
 - 1. 49 CFR 229, Railroad Locomotive Safety Standards
 - 2. 49 CFR 238, Passenger Equipment Safety Standards
- C. The Contractor shall possess and maintain a current M-1003 Quality Assurance certification issued by the Association of American Railroads (AAR).

2. SPECIFIC REQUIREMENTS

- A. The Contractor shall supply twenty (20) new locomotive air compressors for VRE's fleet of MP36PH-3C locomotives.
- B. The air compressors shall be MotivePower Part No. WLN-A9CF or approved equal.
- C. The Contractor shall reference **ATTACHMENT C – PARTS CATALOG AND PHOTOS**.
- D. The new air compressors shall adhere to the following specifications:
 - a. Two stage, 3-cylinders;
 - b. Engine coolant cooling;
 - c. Lube oil capacity, 10.5 gallons;
 - d. Air capacity, 900 RMP, 254 cfm;
 - e. New rubber bushings;
 - f. Unloader hoses shall be braided stainless steel;
 - g. Coolant lines shall be braided stainless steel;



- h. Both crankshaft bearings shall be internally lubricated (no external oil lines); and
 - i. Painted suede gray and palletized.
- E. Each locomotive air compressor shall have a unique serial number prominently displayed on a permanently applied serial number plate.

3. DELIVERY SCHEDULE

- A. All twenty (20) locomotive air compressors shall be delivered to VRE within six hundred thirty-five (635) consecutive calendar days from the date set forth in the written Notice-To-Proceed (NTP).
- B. The Contractor shall deliver one (1) locomotive air compressor within sixty (60) consecutive calendar days or sooner of the written NTP.
- C. After the initial delivery, the Contractor shall deliver one (1) locomotive air compressor every thirty (30) consecutive calendar days.
- D. The Contractor shall submit in writing any proposed changes to the delivery schedule to the VRE Project Manager for approval.

4. SHIPMENT

- A. Shipments shall be FOB destination, freight prepaid and allowed.
- B. Any damage incurred in shipping the air compressors to VRE is the sole responsibility of the Contractor.
- C. In response to any damage that occurs during shipping, the Contractor shall replace each damaged air compressor within fifteen (15) consecutive calendar days of being notified by VRE of the damage.
- D. A Purchase Order and written shipping release shall be obtained from VRE by the Contractor before shipping the air compressors.
- E. Deliveries shall be made between the hours of 9:00 A.M. and 4:00 P.M. Eastern Time, Monday through Friday (excluding Federal Observed Holidays), to the following location:

VRE Crossroads Maintenance and Storage Facility Warehouse
9400 Crossroads Parkway
Fredericksburg, VA 22408

- F. With each shipment to VRE, the Contractor shall prepare its own packing list documenting the equipment by part number, serial number, and VRE Purchase Order number.



5. AIR COMPRESSOR CORE EXCHANGE

- A. Shipments of cores to the Contractor shall be Freight Collect. The Contractor is responsible for all freight costs including fuel surcharges, handling fees, reconsignment fees, customs duties and taxes, brokerage fees, liftgate services, and/or environmental fees.
- B. All air compressor cores will be packaged securely by VRE and shipped to the Contractor's designated ship-to address within sixty (60) consecutive calendar days of receipt and acceptance of each new air compressor by VRE.
- C. Each core return shipment from VRE will be accompanied by a Return Core Certification form. This form shall provide quantities and serial numbers of all air compressor cores contained in each shipment to the Contractor.
- D. Additionally, the Return Core Certification form confirms the receipt and acceptance of each air compressor core by the Contractor and must be signed by the Contractor's authorized personnel and returned to VRE within fifteen (15) calendar days of receipt.
- E. All completed and signed Return Core Certification forms shall be returned by the Contractor to VRE's Manager of Operations Administration, Detrius Williams, at dwilliams@vre.org.
- F. All testing and quality control of the returned cores shall be the responsibility of the Contractor.

