Locomotive Work Car

Presented to: Organizational, Services & Performance Monitoring Committee

April 12, 2022
033 Locomotive

Greater Cleveland Regional Transit Authority
Locomotive History
Locomotive History

- Built in 1943
- RTA purchased in 1978 refurbished.
- Most recent major repairs
  - 2010 Major Engine Overhaul
  - 2012 Traction Motors Rebuilt
  - Rebuilt Air Compressor
Project Overview

• Wheels have a thin flange limiting the capacity to be repaired.
• Parts are becoming obsolete
• Electrical system is becoming hazardous
• Cab structure is beginning to rust
• Main cabin seating for 2 including operator.
Locomotive Cab Interior
Project Overview
Proposed Design
Crane Cab
Project Benefits

• Meets EPA Tier 4 diesel engine requirements
• Multi-use vehicle with crane and flat deck makes new locomotive more versatile.
• New design is narrower than existing locomotive.
• Main cabin seating for 5 plus operators.
• Improved field of view.
Procurement Overview

• RFP issued July 19, 2021
• Twenty-nine (29) interested parties downloaded the package
• Three (3) vendors submitted a proposal
Procurement Overview

Evaluation Criteria:

- Product Design and Performance
- Proposers Reputation and Performance
- Pricing/Cost Proposal
Procurement Overview

Evaluation Panel Members:

- Rail Department Power and Way
- Engineering and Project Development
- Procurement
- Office of Management and Budget
Procurement Overview

Recommended Vendor:
Geismar North America, Inc.

- Located in Beaufort, SC
- A 0% DBE goal was established for this procurement.
Procurement Overview

Experience:
  • Clients include:
    • Greater Cleveland Regional Transit Authority (GCRTA)
    • Metropolitan Atlanta Rapid Transit Authority (MARTA)
    • New Jersey Transit
    • Port Authority Trans-Hudson (PATH)
    • Southeastern Pennsylvania Transportation Authority (SEPTA)
Procurement Overview

Delivery Schedule:

• Anticipated delivery of the Locomotive Work Car completed within 25 months of contract signature and Notice to Proceed.
Procurement Overview

Staff requests that the Organizational, Services & Performance Monitoring Committee recommend an award to Geismar North America, Inc. for Locomotive Work Car in an amount not to exceed $3,291,204.80.
Questions?