

Greater Cleveland Regional Transit Authority



Summary of Proposed Award Technical Specifications, Program Management & Engineering Services for Red Line HRV Replacement

Presented to: Organizational, Services &
Performance Monitoring Committee

January 7, 2020

Technical Specification, Program Management & Engineering Services for Red Line HRV's

- GCRTA's Heavy Rail Vehicle (HRV) fleet is well beyond its 30 year design life and is in need of replacement
- From the Rail Car Pillar Study completed in 2019, the estimated remaining life of the HRV fleet is five years as a result of corrosion, increased maintenance and obsolete parts/components
- Due to the scope of this project and technical expertise needed, GCRTA requires engineering consultant services to assist in completion of a successful project

Technical Specification, Program Management & Engineering Services for Red Line HRV's



Technical Specification, Program Management & Engineering Services for Red Line HRV's

- GCRTA requires a qualified Engineering Firm (EF) to assist with the writing of technical specifications to be included in the Request for Proposal for new heavy rail cars
- Services will include program management and engineering services for a joint or solo procurement from design to in service
- EF will assist GCRTA staff with the acquisition and timely delivery of new railcars for use on the existing Red Line

Technical Specification, Program Management & Engineering Services for Red Line HRV's



Technical Specification, Program Management & Engineering Services for Red Line HRV's

- RFP issued on August 12, 2019
- Accessed on the GCRTA website by 25 interested parties
- Three proposals were received on September 26, 2019
- All three proposers were interviewed and submitted Best and Final Offers

Technical Specification, Program Management & Engineering Services for Red Line HRV's

Evaluation Panel:

- Rail Equipment
- Fleet Management/Engineering
- Engineering & Project Development
- Safety
- Legal
- Office of Management and Budget
- Procurement

Technical Specification, Program Management & Engineering Services for Red Line HRV's

Evaluation Criteria:

- Technical Capabilities
- Firm Experience
- Staffing
- Cost Effectiveness/Price

Technical Specification, Program Management & Engineering Services for Red Line HRV's

Recommended Company:

- LTK Engineering Services
 - Located: Ambler, Pennsylvania
- DBE participation goal set at 10%

Technical Specification, Program Management & Engineering Services for Red Line HRV's

Company Experience:

- Industry leader in providing consulting services to assist agencies with new rail vehicle procurement projects
- Provide a clear project approach
- Familiarity with GCRTA's current heavy rail fleet of vehicles
- Successful history providing similar scope of services to other transit agencies

Technical Specification, Program Management & Engineering Services for Red Line HRV's

Relevant clients have included

- San Francisco Bay Area Rapid Transit (BART)
- Chicago Transit Authority (CTA)
- LA Metro – California
- Metropolitan Atlanta Rapid Transit (MARTA)
- New York City Transit Authority (NYCT)
- Washington Metropolitan Transit Authority (WMATA)

Technical Specification, Program Management & Engineering Services for Red Line HRV's

Recommendation:

- Staff requests that the Organizational, Services & Performance Monitoring Committee recommend to the Board of Trustees the award of a contract to LTK Engineering Services for Technical Specification, Program Management and Engineering Services for a total contract amount not to exceed \$5,799,792.00.

Questions?

