On-Call Signal Engineering Services – 2022

Operational Planning & Infrastructure Committee

June 14, 2022
On-Call Signal Engineering Services – 2022

- Provide signal engineering design and technical support for projects exceeding the capacity or expertise of GCRTA personnel.
- Work is by Task Order Assignment.
- Total Task Orders not to exceed $450,000 over a 24 month term.
On-Call Signal Engineering Services – 2022

- Work may include:
  - Highway-Rail grade crossing warning systems.
  - Wayside and Computer Assisted Braking systems.
  - Vital Processor and CTDS interaction.
  - Regulatory compliance.
  - Training and specification development.
On-Call Signal Engineering Services – 2022

• Potential tasks include:
  • Replacement of Central Rail Yard track circuits.
  • Replacement of Tower City track circuits.
  • Signal and communication issues as they arise.
On-Call Signal Engineering Services – 2022
Procurement Overview

• Request for Proposal (RFP) issued February 18, 2022
• Accessed on the GCRTA website by thirteen (13) interested parties
• Three (3) firms submitted proposals
• Three (3) firms were interviewed
On-Call Signal Engineering Services – 2022
Procurement Overview

Evaluation Panel Members:
• Engineering and Project Development
• Grants Management
• Power & Way – Signals Department
• Office of Management and Budget
• Office of Business Development
• Procurement
On-Call Signal Engineering Services – 2022
Procurement Overview

Evaluation Criteria:
• Project Manager
• Assigned Staff
• Past Performance
• Project Approach
• Location of Majority of Work
• DBE Participation
On-Call Signal Engineering Services – 2022
Procurement Overview

Most technically qualified vendor:
• Mott MacDonald, LLC, Cleveland, OH

A 5% DBE goal was assigned to this project and will be met by utilizing:
• Raul V. Bravo + Associates, Inc.
• Denise’s Flagging and Construction Services, Inc.
• GeoTrans
Firm Experience:

• Mott MacDonald, LLC has successfully completed projects for the GCRTA, Ohio Department of Transportation, Ohio Turnpike and Infrastructure Commission, Washington Metropolitan Area Transit Authority, among others.

• Mott MacDonald, LLC’s personnel are experienced and familiar with the GCRTA system as a consultant and in providing quality deliverables.
On-Call Signal Engineering Services – 2022
Procurement Overview

Staff Requests that the Operational Planning and Infrastructure Committee recommend award to Mott MacDonald, LLC for Consulting Services for the On-Call Signal Engineering Services - 2022. The contract is not to exceed $450,000.00 for the period of 24 months.
On-Call Signal Engineering Services – 2022

Questions?