



On-Call Signal Engineering Services - 2024

Presented to:

Operational Planning & Infrastructure Committee

January 7, 2025

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On-Call Signal Engineering Services - 2024

- 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 period.

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Work may include:

- Highway-rail grade crossing warning systems
- Wayside and computer assisted braking systems
- Roadway traffic control systems
- Vital processor and CTDS interaction
- Regulatory compliance
- Training and specification development

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Potential tasks include:

- Replacement of GL1 processor
- Replacement of Tower City track circuits
- Signal and communication issues as they arise

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Procurement Overview:

- Request for Proposal (RFP) issued October 4, 2024
- Accessed on the GCRTA website by nineteen (19) interested parties
- Two (2) firms submitted a proposal
- Two (2) firm were interviewed

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Evaluation Panel Members:

- Engineering and Project Development
- Grants Management & Treasury
- Power & Way – Signals Department
- Office of Management and Budget
- Office of Business Development
- Safety
- Procurement

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Evaluation Criteria:

- Project Manager
- Assigned Staff
- Past Performance
- Project Approach
- Location of Majority of Work
- DBE Participation

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Most technically qualified vendor:

- Mott MacDonald, LLC, Cleveland, OH

A 4% DBE goal was assigned to this project and will be met by utilizing:

- Pacific Railway Enterprises, Inc.
- GeoTrans

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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.

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Recommendation:

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 - 2024. The contract is not to exceed \$450,000.00 for the period of 24 months.

Questions?

Greater Cleveland Regional Transit Authority

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