

Greater Cleveland Regional Transit Authority



Award Summary

Engineering Services for the 515 Switch Return to Service

Operational Planning &
Infrastructure Committee

February 2, 2021

Engineering Services for the 515 Switch Return to Service Project Overview

- Engineering services to include design of all signal related items required to place the 515 switch back in service.
- Consultant to provide design and construction documents.
- Consultant to also provide construction support during bid process
- Contract not to exceed \$219,284.

Engineering Services for the 515 Switch Return to Service Project Overview

- Located just west of Brookpark yard on the westbound track
- Currently not operational
- Needed for the commissioning of new Rail Cars
- Will continue to provide operational flexibility after new cars are in service



Engineering Services for the 515 Switch Return to Service Project Overview

Work includes:

- Design of all signal related items required to place the 515 switch back in service.
- Block design, design of new signals, and confirmation of reuse of existing equipment
- Modify the local control panel and coordination with ARINC for integration of the switch into the CTDS System

Engineering Services for the 515 Switch Return to Service Project Overview

Work includes:

- Work will also include the design of a Cab Signal test loop to be used for commissioning the new rail cars.

Engineering Services for the 515 Switch Return to Service Project Overview

- Request for Proposal (RFP) issued October 5, 2020
- Accessed on the GCRTA website by twelve (12) interested parties
- Two (2) firms submitted proposals
- Two (2) firms were interviewed

Engineering Services for the 515 Switch Return to Service Project Overview

Evaluation Panel Members:

- Engineering and Project Development
- Office of Management and Budget
- Rail Power & Way, Signals Division
- Safety
- Office of Business Development
- Procurement

Engineering Services for the 515 Switch Return to Service Project Overview

Evaluation Criteria:

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

Engineering Services for the 515 Switch Return to Service Project Overview

Most technically qualified vendor:

- Mott MacDonald, LLC., Cleveland, Ohio

A 4% DBE goal was assigned to this project. The goal will be met by utilizing Denise's Flagging & Construction Services, Inc., GeoTrans, and Raul V. Bravo + Associates, Inc.

Engineering Services for the 515 Switch Return to Service Project Overview

Firm Experience:

- Mott MacDonald, LLC., has completed project for GCRTA, Washington Metropolitan Area Transit Authority, Massachusetts Bay Transportation Authority, Chicago Transit Authority, among others.
- Firm has worked with GCRTA with a history of providing on-call signal engineering services with quick response time.
- Experienced/qualified staff with extensive knowledge of GCRTA policies and procedures

Engineering Services for the 515 Switch Return to Service Project Overview

Staff Requests that the Operational Planning and Infrastructure Committee recommend award to Mott MacDonald, LLC. for Engineering Services for the 515 Switch Return to Service. The contract is not to exceed \$ 219,284.