



# Award Summary

## West 117<sup>th</sup> Street Substation Rehabilitation

Operational Planning &  
Infrastructure Committee  
March 2, 2021

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# West 117<sup>th</sup> Street Substation Rehabilitation Project Overview

- RTA has been rehabilitating or replacing older substations over the last several years, with a goal of improving reliability.
- Substations completed in 2020 include W. 65<sup>th</sup> and Puritas.
- W. 30<sup>th</sup> and Warrensville / Van Aken substations are under construction.
- Other substations slated for improvements include E. 120<sup>th</sup> and Windermere.

# West 117<sup>th</sup> Street Substation Rehabilitation Project Overview



West 65<sup>th</sup> Street Station following removal of old equipment



Installing new equipment



# West 117<sup>th</sup> Street Substation Rehabilitation Project Overview

- Replace outdated traction power equipment, including the switchgear, transformer, rectifier, and DC breakers.
- Upgrade control interface to SCADA.
- Replace the building roof and building heaters .
- Repair brickwork and the sidewalk.
- Alternates included for potential replacement of feeder and return cables dependent on testing.

# West 117<sup>th</sup> Street Substation Rehabilitation Procurement Overview

- Invitation for Bid (IFB) issued December 7, 2020
- Bids received January 22, 2021
- Accessed on the GCRTA website by 51 interested parties
- Eight (8) firms submitted a responsive bid

# West 117<sup>th</sup> Street Substation Rehabilitation Procurement Overview

Lowest responsive and responsible vendor:

- Lake Erie Electric, Inc., Westlake, Ohio

A 14% DBE Participation goal was assigned to this project and will be achieved through the use of PPW Builders, Inc.

# West 117<sup>th</sup> Street Substation Rehabilitation Procurement Overview

## Firm Experience:

- Lake Erie Electric, Inc. has completed projects for GCRTA, the Ford Motor Company, Cleveland Clinic, Summa Health System, and Cleveland State University, among others
- Lake Erie Electric, Inc. has several decades of experience and over 500 employees, with offices in Ohio and Michigan



# West 117<sup>th</sup> Street Substation Rehabilitation Procurement Overview

Two alternates were included in this project:

- Alternate I includes the potential replacement of the catenary feeder cable.
- Alternate II includes the potential replacement of the negative return cable with new cable and conduit.

Existing cables for both alternates will be tested to make the replacement determination.

# West 117<sup>th</sup> Street Substation Rehabilitation Procurement Overview

Staff Requests that the Operational Planning and Infrastructure Committee recommend award to Lake Erie Electric, Inc. for the West 117<sup>th</sup> Street Substation Rehabilitation. The total contract is in an amount NTE \$2,221,504.00, which includes the Total Base Bid in an amount NTE \$2,095,170.00 and pricing of Alternate I in an amount NTE \$ 4,659.00 and Alternate II in an amount NTE \$121,675.00.

# West 117<sup>th</sup> Street Substation Rehabilitation

Questions?