



Award Summary

West 30th Street Substation Rehabilitation

Operational Planning &
Infrastructure Committee
November 10, 2020

West 30th Street Substation Rehabilitation Engineering & Project Management Division



West 30th Street Substation Rehabilitation

The West 30th St. Substation is located at 2334 W. 30th St, in Cleveland, OH. This project will provide a complete rehabilitation of the existing facility. Replacement work shall include but not be limited to the following; all existing switchgear, DC feeder cabling, 1.5 MW rectifier and the rectifier transformer.

West 30th Street Substation Rehabilitation Antiquated Equipment Replacement

Existing 600 VDC
Switchgear



Existing Rectifier
Transformer



West 30th Street Substation Rehabilitation Project Justification

- Substation legacy equipment is 1950's vintage
- The DC switchgear does not meet current safety standards
- Replacement parts for the switchgear and rectifier transformer are obsolete
- Modern substation equipment is more energy efficient
- The new substation will improve reliability and reduce maintenance costs

West 30th Street Substation Rehabilitation

Furnish and install the following new equipment:

- 1,615 kVA *Oil Filled Rectifier Transformer (XFMR)*
- 15 kV *Load Break Switch*
- 75 kVA *House Power XFMR*
- 1.5 MW *Rectifier*
- 15 kV *AC Switchgear Lineup*
- 600 VDC *Switchgear Lineup*

West 30th Street Substation Rehabilitation

Previous Rehabilitation Projects

- Buckeye Woodhill Substation – 9528 Buckeye Road, Cleveland, OH (2015)
- Brookpark Substation – 18305 Cleveland Road, Cleveland, OH (2019)
- West 65th St. Substation – 6204 Corona Court, Cleveland, OH (2019)

West 30th Street Substation Rehabilitation Previous Rehabilitation Projects

West 65th St. Substation
Rehabilitation



Greater Cleveland Regional Transit Authority



West 30th Street Substation Rehabilitation Previous Rehabilitation Projects



West 30th Street Substation Rehabilitation Previous Rehabilitation Projects



West 30th Street Substation Rehabilitation Procurement Overview

- Invitation for Bid (IFB) issued August 24, 2020
- Accessed on the GCRTA website by twenty-five (25) interested parties
- Five (5) firms submitted a bid

West 30th Street Substation Rehabilitation Procurement Overview

Lowest responsive and responsible vendor:

- Hatzel & Buehler, Inc
Cleveland, Ohio

A 14% DBE participation goal was assigned to this project and will be achieved through the use of Safeguard Associates, Denise's Flagging and Summit Painting.

West 30th Street Substation Rehabilitation

Procurement Overview

Firm Experience:

- Hatzel & Buehler has experience completing projects for the University of Michigan Brighton, Verizon Wireless, and Tri-C, among others
- Firm has worked with GCRTA with a history of providing quality projects, currently Puritas Substation and Warrensville-Van Aken Substation.

West 30th Street Substation Rehabilitation

Procurement Overview

Recommendation:

Staff requests that the Operational Planning & Infrastructure Committee recommend to the Board of Trustees an award to Hatzel & Buehler, Inc. for the West 30th Street Substation Rehabilitation in an amount not to exceed \$1,557,327.00.

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Questions?