

RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: FEBRUARY 12, 2018

ITEM NO: 6

SUBJECT: AWARD BID NO. Y181198 FOR FURNISHING AND DELIVERING ONE AUTOMATIC TRANSFER SWITCH TO G&W ELECTRIC COMPANY OF BOLINGBROOK, ILLINOIS, IN THE AMOUNT OF \$61,563.38 – APPROVE WORK ORDER NO. 1814796 FOR THE AUTO TRANSFER SWITCH REPLACEMENT PROJECT FOR \$112,000

ISSUES:

Award Bid No. Y181198 for furnishing and delivery one automatic transfer switch to G&W Electric Company, in the amount of \$61,563.38; and approve the capital expenditure of \$112,000 for Work Order No. 1814796 for the Automatic Transfer Switch Replacement Project.

RECOMMENDATIONS:

That the Board of Public Utilities:

1. Award Bid No. Y181198 for furnishing and delivering one automatic transfer switch to the lowest responsive and responsible bidder G&W Electric Company of Bolingbrook, Illinois, in the amount of \$61,563.38; and
2. Approve Work Order No. 1814796 for the Automatic Transfer Switch Replacement Project in the amount of \$112,000.

BACKGROUND:

Automatic transfer switches are part of the utility distribution system and are an essential component for delivering electric service. Switches provide the means for switching on and off parts of the electric system during normal and emergency operations. The automatic control system provides the ability to transfer the load from one source to another to minimize system downtime.

Riverside Public Utilities (RPU) operations staff performs annual inspections on switches and related components to monitor the gas insulating levels and performance. The last annual inspection results for the automatic transfer switch indicate there is leaking of the insulating gas in the switch, and the switch must be replaced. The switch was installed in 1994 and provides redundant electric service to the customers in the area, including the Utility Operations Center (UOC). Intermittent electric service disruptions will be coordinated during construction and advanced outage notifications will be issued to customers.

The scope of work includes the installation of one new automatic transfer switch and associated electrical distribution component and control system, near the intersection of Adams Street and Lincoln Avenue. The scope also includes the removal of the existing deteriorated pad-mounted gas switch. No

underground civil work is required as part of this project. Replacement of deteriorated underground distribution facilities is identified as part of the Utility 2.0 Electric Infrastructure Road Map.



Existing Automatic Transfer Switch

DISCUSSION:

Three vendors were invited to submit quotes for the automatic transfer switch Bid No. Y181198. Staff evaluated the quotes and deemed G&W Electric Company to be the lowest responsive and responsible proposer.

The Purchasing Manager concurs that the recommended action is in compliance with the current Purchasing Resolution.

The quotes are summarized in the table below:

| Bidders | Location | Quote Amount | Evaluation |
|----------------------------|-----------------|--------------|--|
| 1. G&W Electric Company | Bolingbrook, IL | \$61,563.38 | Lowest Responsive and Responsible Bidder |
| 2. Anixter Power Solutions | Corona, CA | \$63,366.00 | 2 nd |
| 3. One Source Distributors | Oceanside, CA | \$66,196.13 | 3 rd |

➤ *Engineer's Estimate*

\$70,000

RPU engineering staff performed the design to eliminate any negative visual impacts to the project and surrounding area, with sensitivity to the existing neighborhood, and within City Planning guidelines for the designated area of the project.

The project breakdown is proposed as follows:

| Project Breakdown | |
|----------------------------------|--|
| Engineering Performed By: | RPU engineering staff |
| Civil Construction Performed By: | None |
| Electrical Work Performed By: | RPU field forces |
| Anticipated Start Date: | June 2018 (includes 16 week equipment lead time) |
| Anticipated Duration: | One week |
| Coordination Required With: | RPU Field Superintendent |
| Reimbursements: | None |

The breakdown for the total capital expenditure is as follows:

| Description | Amount (\$) |
|--|--------------------|
| Design, Construction Management, Inspection | \$17,983.62 |
| Purchase Order to G&W Electric Company | \$61,566.38 |
| Electric Construction Underground | \$29,500.00 |
| Electric Construction Contingency – 10% of Electric work | \$2,950.00 |
| Total | \$112,000 |

FISCAL IMPACT:

The total fiscal impact is \$112,000. Sufficient funds are available in Public Utilities' Electric Capital Account No. 6130000-470603.

Prepared by: George Hanson, Utilities Assistant General Manager/Energy Delivery
 Approved by: Todd Jorgenson, Utilities Interim General Manager
 Approved by: John A. Russo, City Manager
 Approved as to form: Gary G. Geuss, City Attorney

Certifies availability of funds: Laura Chavez-Nomura, Utilities Assistant General Manager/Finance

Attachment: Bid Award Recommendation

Project Location

