

# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

**BOARD OF PUBLIC UTILITIES**

**DATE:** JUNE 8, 2020

**ITEM NO:** 8

**SUBJECT:** BID NO. RPU-2016660: REQUISITION NO. Y206787 FOR POLELINE CLAMPS AND CONNECTORS TO ANIXTER INC. IN THE AMOUNT OF \$135,998; REQUISITION NO. Y206788 FOR TRANSFORMERS AND BRACKETS TO ONESOURCE DISTRIBUTORS LLC., IN THE AMOUNT OF \$60,630; REQUISITION NO. Y206789 FOR CAPACITOR BANKS TO SCOTT ENGINEERING, INC., IN THE AMOUNT OF \$41,484; REQUISITION NO. Y206790 FOR FAULTED CIRCUIT INDICATORS TO WESCO DISTRIBUTION, INC., IN THE AMOUNT OF \$33,954; BID NO. Y206791 FOR 69KV UNDERGROUND CABLE TO MCAVOY-MARKHAM ENGINEERING AND SALES CO., IN THE AMOUNT OF \$442,294 FOR MATERIALS RELATED TO THE 69KV RERC TO HARVEY LYNN SUBTRANSMISSION LINE PROJECT; WORK ORDER NO. 2026813; AND CAPITAL EXPENDITURE FOR WORK ORDER NO. 642975 IN THE AMOUNT OF \$786,000

**ISSUES:**

Award Bid No. RPU-2016660: Requisition No. Y206787 for Pole-line Clamps and Connectors to Anixter Inc., in the amount of \$135,998; Requisition No. Y206788 for Transformers and Brackets to OneSource Distributors LLC., in the amount of \$60,630; Requisition No. Y206789 for Capacitor Banks to Scott Engineering, Inc. in the amount of \$41,484; Requisition No. Y206790 for Faulted Circuit Indicators to Wesco Distribution, Inc., in the amount of \$33,954, Award Bid No. Y206791 for 69kV Underground Cable to McAvoy & Markham Engineering and Sales Co., in the amount of \$442,294, for short-lead time overhead materials and underground cable related to the 69 kV RERC to Harvey Lynn Sub-transmission Line Project; approve Work Order No. 2026813 for tracking expenses and invoices; and approve the capital expenditure of \$786,000 as part of the RTRP Work Order No. 642975 within the Board approved amount of \$71,605,521 on November 25, 2019.

**RECOMMENDATIONS:**

That the Board of Public Utilities:

1. Award Bid No. RPU-2016660:
  - a. Requisition No. Y206787 for Pole Line Clamps, Connectors, and Bolts to Anixter Inc., of Corona, California, in the amount of \$135,998;
  - b. Requisition No. Y206788 for Transformers and Brackets to OneSource Distributors, LLC, of Oceanside, California, in the amount of \$60,630;
  - c. Requisition No. Y206789 for Capacitor Banks to Scott Engineering, Inc., of Chino, California, in the amount of \$41,484;
  - d. Requisition No. Y206790 for Faulted Circuit Indicators to Wesco Distribution, Inc., of Cerritos, California, in the amount of \$33,954;

2. Award Bid No. Y206791 for 69kV Underground Cable to McAvoy & Markham Engineering and Sales Co., of Irvine, California, in the amount of \$442,294;
3. Approve Work Order No. 2026813 for tracking expenses and invoices associated with the sub transmission line short-lead time overhead materials and underground cable for the 69 kV RERC to Harvey Lynn Sub-transmission Line Project; and
4. Approve the capital expenditure of \$786,000 as part of the RTRP Work Order 642975 within the Board approved amount of \$71,605,521 on November 25, 2019.

## **BACKGROUND:**

Central Stores is responsible for the inventory, tracking, monitoring, and ordering many critical items and materials for all City departments, including Riverside Public Utilities (RPU). Central Stores enters hundreds of replenishments request per fiscal year. These replenishment requests are entered as Central Stores Replenishment Requisitions, approved by the respective division manager, and routed to the Purchasing Division for final approval and purchase order issuance of said replenishment.

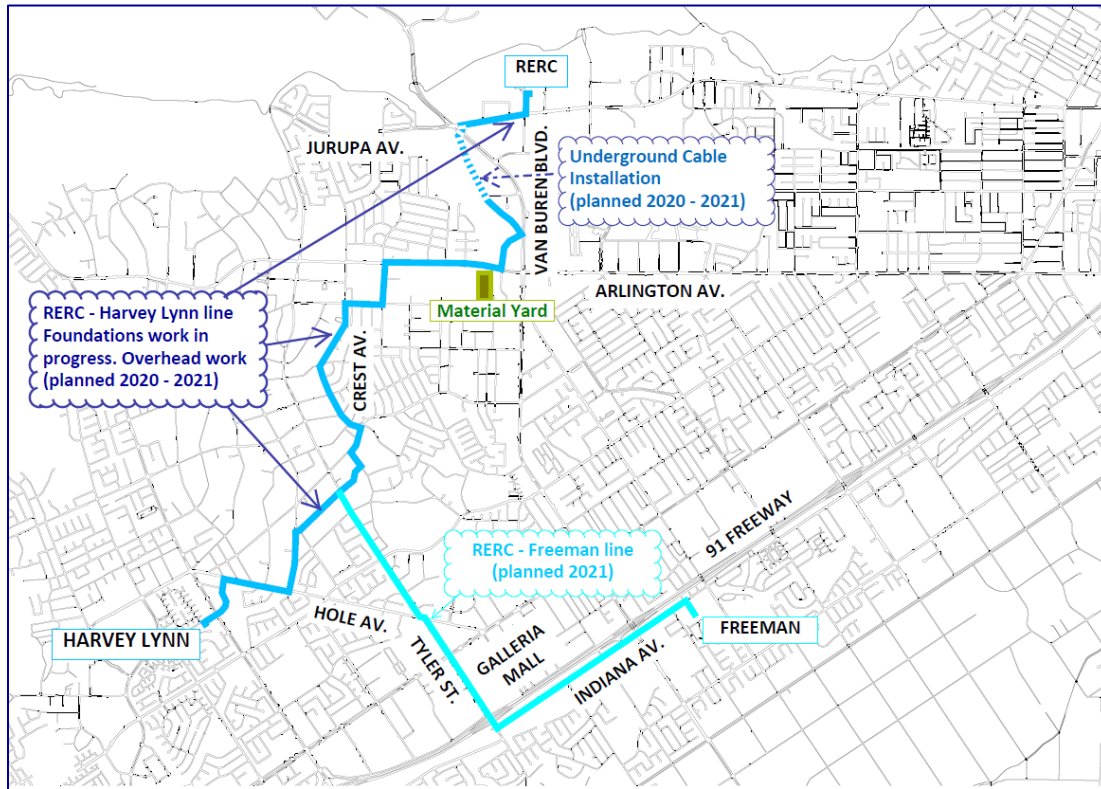
On November 25, 2019, the Board of Public Utilities (Board) approved an increase to RTRP Work Order 642975 in the amount of \$71,605,521 to continue the construction of the 69 kV Sub-transmission System Reliability projects within the City. On the same day, the Board also approved the construction of the drilled pier foundations scope of work for the Riverside's Energy Resource Center (RERC) to Harvey Lynn Substation 69kV Sub-transmission line. The drilled pier foundations work is now 70% complete.

On January 27, 2020, the Board approved the procurement of the long lead time materials and associated components for the RERC to Harvey Lynn sub-transmission line work.

Bid No. RPU 2016660 and Bid No. Y206791, which are part of this proposed Board action, are for the short lead time material and associated components for the for the RERC to Harvey Lynn sub-transmission line work that must be procured prior to the construction of the lines.

On June 24, 2019, the Board approved installation of conduit and structures for the 69kV RERC to Harvey Lynn underground line section. This portion of the work is 100% complete. The underground line section of the sub-transmission line is located from the corner of Jurupa Avenue and Van Buren Boulevard to Doolittle Avenue. This line section was designed to be installed underground due to its proximity to the Riverside Municipal Airport, which is consistent with the County of Riverside Airport Land Use Commission's review of the project on April 12, 2012.

The construction of the 69kV Sub-transmission line from RERC to Harvey Lynn substation is planned to start in Summer 2020, followed by construction of the RERC to Freeman line in Summer 2021. The overhead and underground scope of work and materials for the RERC to Harvey Lynn line will also cover portions of RERC to Freeman sub-transmission line where double circuit construction is required to share the same structures for construction efficiency, reduce traffic impact, reduce system outages, and reduce impact to the community. Staff will seek Board approval for the RERC to Harvey Lynn sub-transmission line and RERC to Freeman line construction at a later time.



New 69kV RERC to Harvey Lynn and RERC to Freeman sub-transmission lines

## **DISCUSSION:**

The construction of the 69kV Sub-transmission line from RERC to Harvey Lynn Substation requires the procurement of pole line clamps, connectors, bolts, transformers, brackets, capacitor banks, faulted circuit indicators, and 69kV underground cable. Riverside Public Utilities (RPU) staff sent a request for bid to approved vendors for each material category.

Purchasing Resolution 23256, Section 404 provides that capacitors, bolts, wires and cables, connectors and other materials are peculiar to the needs of the Electric Utility and may be acquired by informal procurement regardless of their estimated procurement expenditure amounts, provided that the Board of Public Utilities (Board) has approved the proposed acquisition if required under the provisions of the City Charter, either by approval of the procurement contract or approval of annual purchase orders. The City of Riverside Charter, Section 1202 provides that the Board has the power and duty to approve any purchase of materials, supplies, goods, or services when the amount exceeds \$50,000.

RPU engineering staff obtained multiple quotes for each material category via an informal procurement process pursuant to the Purchasing Resolution. Staff reviewed quotes and selected the vendors based on the best overall efficiency in material procurement considering lowest prices, lead times and material categories.

The table below summarizes the overall bid results for each vendor for different material categories. As an attachment to this report, bid results have bid tabulated and summarized.

<b>Bid No. 201660</b>	<b>Vendor</b>	<b>Materials for RERC – Harvey Lynn Overhead linework</b>	<b>Total Cost</b>
Y206787	Anixter, Inc.	Pole Line Clamps, Connectors, and Bolts	\$135,998
Y206788	OneSource Distributors, LLC	Transformers and Brackets	\$60,630
Y206789	Scott Engineering, Inc.	Capacitor Banks	\$41,484
Y206790	Wesco Distribution, Inc.	Faulted Circuit Indicators	\$33,954
<b>Bid No. Y206791</b>	McAvoy-Markham Engineering and Sales, Inc.	69kV Underground Cable	\$442,294
Subtotal			\$714,360
Contract Contingency (10%)			\$71,436
<b>Total Cost</b>			<b>\$785,796</b>

The Purchasing Manager concurs that the recommended actions comply with Purchasing Resolution No. 23256, Section 404.

**FISCAL IMPACT:**

The total fiscal impact is \$786,000. Sufficient funds are available in Public Utilities Electrical Capital Account No. 6130000-470685 (RTRP non-reimbursable).

Prepared by: George R. Hanson, Utilities Assistant General Manager/Energy Delivery  
 Approved by: Todd M. Corbin, Utilities General Manager  
 Approved by: Al Zelinka, FAICP, City Manager  
 Approved as to form: Gary G. Geuss, City Attorney

Certifies availability of funds: Brian Seinturier, Utilities Fiscal Manager

Attachments:  
 1. Bid Results  
 2. Presentation