

# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

**BOARD OF PUBLIC UTILITIES**

**DATE: FEBRUARY 12, 2018**

**ITEM NO: 7**

**SUBJECT: AWARD RFP SUB-800 FOR FURNISHING AND DELIVERING NINE SUBSTATION BATTERY CHARGERS TO ONESOURCE DISTRIBUTORS, LLC OF OCEANSIDE CALIFORNIA, IN THE AMOUNT OF \$136,289.85 FOR THE SUBSTATION BATTERY CHARGERS UPGRADE PROJECT - APPROVE WORK ORDER NO. 1812830 FOR \$384,000**

**ISSUE:**

Award RFP SUB-800 for furnishing and delivering nine battery chargers to OneSource Distributors, in the amount of \$136,289.85; and approve Work Order No. 1812830 in the amount of \$384,000 for the Substation Battery Chargers Upgrade Project.

**RECOMMENDATIONS:**

That the Board of Public Utilities:

1. Award RFP SUB-800 for furnishing and delivering nine substation battery chargers to the lowest responsive and responsible bidder OneSource Distributors, LLC of Oceanside, California, in the amount of \$136,289.85; and
2. Approve Work Order No. 1812830 in the amount of \$384,000 for the Substation Battery Chargers Upgrade Project.

**BACKGROUND:**

Substation battery chargers (chargers) are essential components of the direct current (DC) power supply inside substations. In addition to charging substation battery banks, the chargers supply DC power to protection, control, metering, monitoring, automation and communication systems; as well as circuit breaker tripping and closing mechanisms which are vital to reliable and safe operation.

Engineering staff have identified existing chargers that have reached the end of their useful life and are due for replacement. The project will replace nine out-of-date battery chargers at seven substations with state-of-the-art battery chargers. The new chargers have advanced monitoring and reporting features that provide early warning for battery failures. Furthermore, the new chargers meet the compliance requirements of the National Electric Reliability Council (NERC) PRC-005.



## New Substation Battery Charger

## **DISCUSSION:**

The scope of work will include replacing nine battery chargers at seven substations and upgrading the battery room ventilation equipment at these seven substations to meet the industry safety standards.

Five vendors were invited to submit proposals through a Request for Proposals procurement process run by Riverside Public Utilities for equipment and material. Two vendors submitted proposals. Staff evaluated the proposals and deemed OneSource Distributors, LCC to be the lowest responsive and responsible proposer. The proposal was within the engineer's estimate.

The proposals are summarized in the table below:

Vendors	Location	Proposal Amount	Evaluation
<b>1. OneSource Distributors LLC</b>	<b>Oceanside, CA</b>	<b>\$136,289.85</b>	<b>Lowest Responsive and Responsible Bidder</b>
2. Anixter, Inc.	Riverside, CA	\$143,703.00	2 <sup>nd</sup>
3. Concept Power, Inc.	Las Vegas, NV	NA	Non responsive
4. Royal Industrial Solution	Riverside, CA	NA	Non responsive
5. Wesco	Pittsburgh, PA	NA	Non responsive

➤ *Engineer's Estimate* \$150,000

The project breakdown is proposed as follows:

<b>Project Breakdown</b>	
Engineering Performed By:	RPU engineering staff
Civil Work Performed By:	None
Electrical Work Performed By:	RPU field forces
Anticipated Start Date:	May 2018
Anticipated Duration:	5 Months
Coordination Required With:	RPU field forces
Reimbursements:	None

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

The breakdown of the total capital expenditure as follows:

<b>Description</b>	<b>Amount</b>	<b>% of Total</b>
Design, Construction Management, Contingency	\$54,468.15	14%
Purchase Order to OneSource Distributors	\$136,289.85	36%
Electric Construction Substation	\$161,013.00	42%
Field Testing and Commissioning	\$32,229.00	8%
<b>Total</b>	<b>\$384,000.00</b>	<b>100%</b>

#### **FISCAL IMPACT:**

The total fiscal impact is \$384,000. Sufficient funds are available in Public Utilities' Electric Capital Account No. 6130000-470616.

Prepared by: George R. Hanson, Utilities Assistant General Manager/Energy Delivery

Approved by: Todd Jorgenson, Interim Utilities General Manager

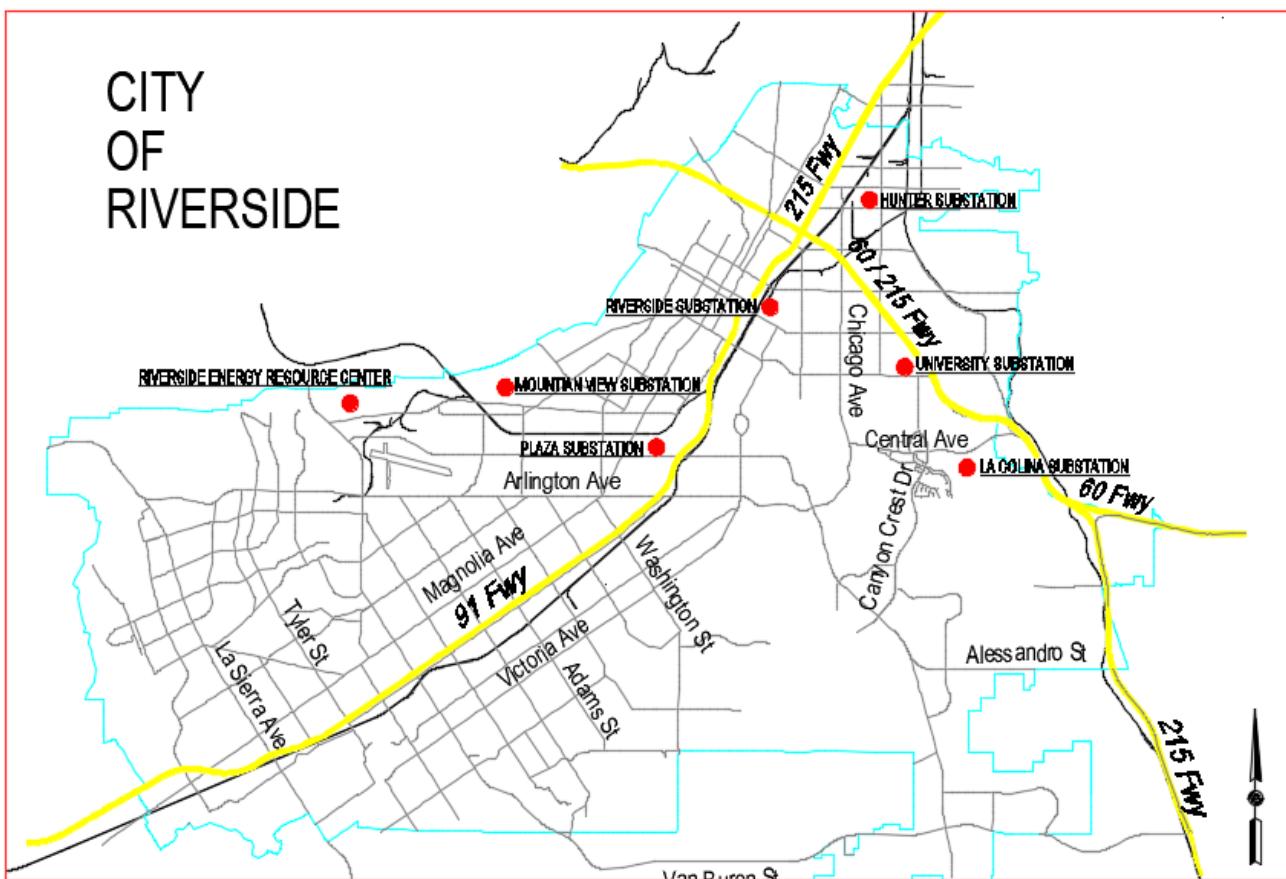
Approved by: John A. Russo, City Manager

Approved as to form: Gary G. Geuss, City Attorney

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

Attachment: Award Recommendation

# CITY OF RIVERSIDE



SUBSTATION BATTERY CHARGER  
UPGRADE PROJECT  
SITE MAP