

# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

**BOARD OF PUBLIC UTILITIES**

**DATE:** JUNE 25, 2018

**ITEM NO:** 7

**SUBJECT:** AWARD REQUEST FOR PROPOSAL NO. 1788 FOR PROFESSIONAL CONSULTANT SERVICES AGREEMENT WITH LAS COLINAS ENGINEERING DBA LAS COLINAS ELECTRICAL OF RIALTO, CALIFORNIA, FOR FURNISHING, DELIVERING AND INSTALLING 144 STATIONARY BATTERIES AT THE SPRINGS GENERATION FACILITY FOR \$122,967.20

**ISSUE:**

Award Request for Proposal No. 1788 for a Professional Consultant Services Agreement with Las Colinas Engineering DBA Los Colinas Electrical, of Rialto, California, for furnishing, delivering and installing 144 stationary batteries at the Springs Generation Facility for \$122,967.

**RECOMMENDATIONS:**

That the Board of Public Utilities:

1. Award Request for Proposal No. 1788 for a Professional Consultant Services Agreement with Las Colinas Engineering DBA Los Colinas Electrical, of Rialto, California, for furnishing, delivering and installing 144 stationary batteries at the Springs Generation Facility for \$122,967.20; and
2. Authorize the City Manager, or his designee, to execute the Services Agreement with Las Colinas Engineering.

**BACKGROUND:**

The Springs Generation Facility (Springs) is one of three power plants owned by the City of Riverside. The facility began commercial operations in July 2002 and produces 40 megawatts of electricity. Springs is a strategic resource for maintaining electric power grid stability, as well as for restoring power after a Citywide power outage.

An Uninterruptible Power Supply (UPS) configuration is part of the plant's design. The UPS consists of 144 stationary batteries that serve as a backup power source for critical plant equipment. The secondary power source provides protection against costly gas turbine failures and expedites the plant's ability to respond in the event of an emergency blackout situation.

Recent maintenance inspections have determined the need for replacement, as the batteries are not maintaining normal electrical charge and have reached the end of their useful life. Operating Springs with a partially functional UPS is not feasible or recommended as a long-term power management strategy. Staff recommends replacing the original stationary batteries with newer and more reliable units.

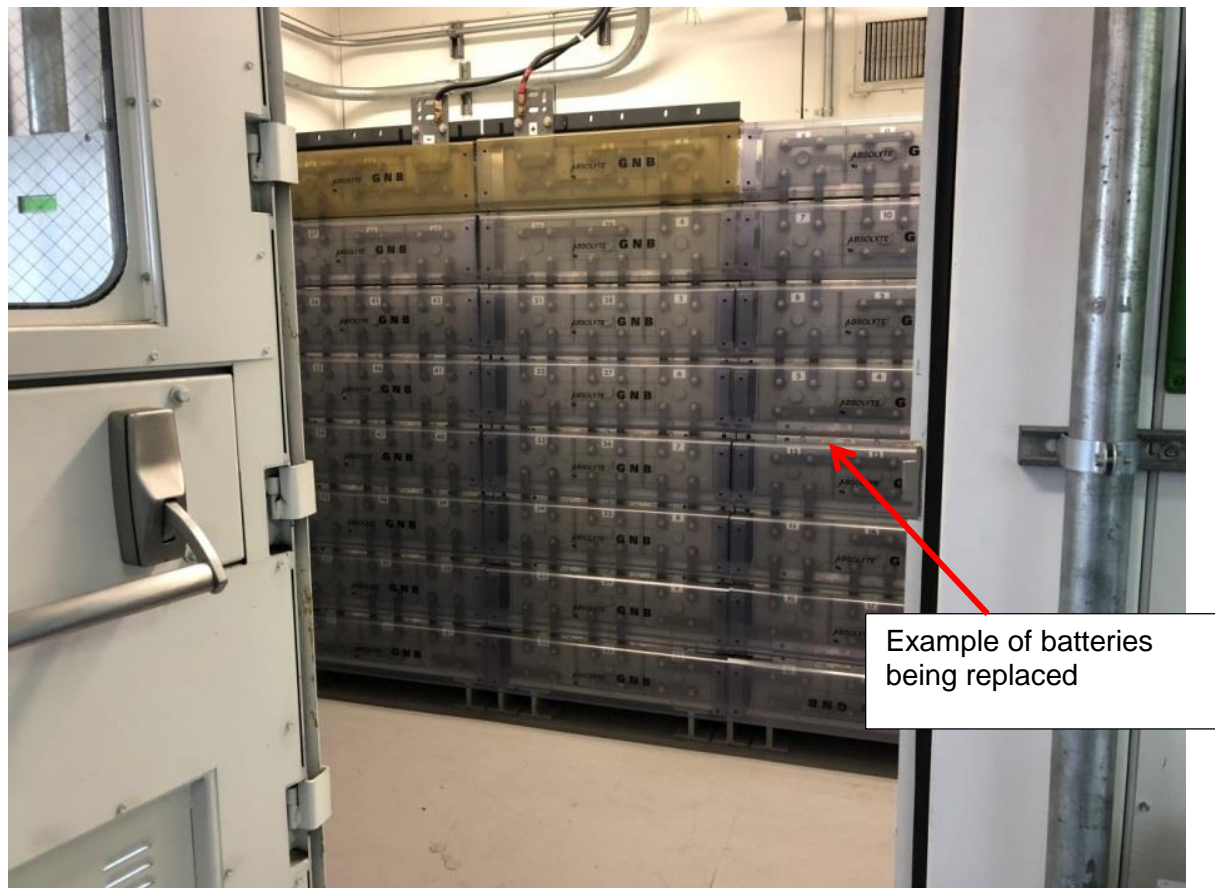


Figure 1 Partial View of Stationary Batteries at Springs Generation Facility

## **DISCUSSION:**

Staff posted Request for Proposal No. 1788 for PowerSafe DDmP 100-25 stationary batteries on March 28, 2018 with a closing date of April 13, 2018. Three proposals were submitted, and staff selected Las Colinas Engineering as providing the most responsive and cost-effective proposal.

| <b>Vendors:</b>         | <b>Location</b> | <b>Bid Amount</b> | <b>Rank</b> |
|-------------------------|-----------------|-------------------|-------------|
| Las Colinas Engineering | Rialto, CA      | \$122,967.20      | 1           |
| Concept Power Inc.      | Las Vegas, NV   | \$128,103         | 2           |
| Advanced Battery System | Culver City, CA | \$132,190         | 3           |

The project breakdown is proposed as follows:

| <b>Project Breakdown</b>        |   |
|---------------------------------|---|
| Engineering Performed By:       | Las Colinas Engineering   |
| Construction Work Performed By: | Las Colinas Engineering   |
| Anticipated Start Date:         | July 1, 2018  |
| Anticipated Duration:           | 6 Months  |
| Coordination Required With:     | Riverside Public Utilities and California Independent System Operator |

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

**FISCAL IMPACT:**

The total fiscal impact is \$122,967.20. Sufficient funds are available in the Springs Maintenance – Generating Plant Account No. 6120120-424131.

Prepared by: Daniel E. Garcia, Utilities Assistant General Manager/Resources  
Approved by: Todd L. Jorgenson, Interim Utilities General Manager  
Approved by: Al Zelinka, City Manager  
Approved as to form: Gary G. Geuss, City Attorney

Certifies availability  
of funds: Laura M. Nomura, Utilities Assistant General Manager/Finance & Administration

**Attachments:**

1. Service Agreement Las Colinas Engineering
2. RFP Award Recommendation
3. Presentation