



# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

**BOARD OF PUBLIC UTILITIES**

**DATE:** JUNE 11, 2018

**ITEM NO:** 8

**SUBJECT:** AWARD REQUEST FOR PROPOSAL NO. 1789 FOR PROFESSIONAL CONSULTANT SERVICES AGREEMENT FOR PROFESSIONAL ARCHITECTURAL, ENGINEERING SERVICES, INSPECTION AND CONSTRUCTION SUPPORT SERVICES FOR THE SUBSTATION UTILITY STORAGE FACILITY WITH IDS GROUP, INC., OF IRVINE, CALIFORNIA, IN THE AMOUNT OF \$310,350 – APPROVE WORK ORDER NO. 1808341 FOR \$407,385

**ISSUES:**

Award Request for Proposal No. 1789 for Professional Consultant Services Agreement for Professional Architectural, Engineering Services, Inspection and Construction Services for the Substation Utility Storage Facility with IDS Group, Inc., of Irvine, California, in the amount of \$310,350; and approve Work Order No. 1808341 for \$407,385.

**RECOMMENDATIONS:**

That the Board of Public Utilities:

1. Award Request for Proposal No. 1789 for Professional Consultant Services Agreement for Professional Architectural, Engineering Services, Inspection and Construction Services for the Substation Utility Storage Facility with IDS Group, Inc., of Irvine, California, in the amount of \$310,350;
2. Authorize the City Manager, or his designee, to execute the Professional Services Agreement with IDS Group, Inc.; and
3. Approve Work Order No. 1808341 for \$407,385.

**BACKGROUND:**

On September 18, 2015, the City Council approved the Purchase and Sale Agreement for 1.5 acres of vacant land located at the southeast corner of Indiana Avenue and Gibson Street, adjacent to an active railroad line. The subject property is vacant, relatively flat, and ideally suitable for the construction of a facility to house Riverside Public Utilities (RPU) substation mobile equipment and other critical spare equipment.

RPU maintains an inventory of three mobile substations, portable switchgear, battery trailer, and spare parts. This vital equipment is worth millions of dollars and needs to be available at all times to assist in the restoration of power to customers in the event of an emergency. Due to limited storage space, the emergency equipment is stored in outdoor settings at various properties throughout the City where they are exposed to the elements. Mobile substations have batteries that require continuous charging, monitoring, and climate control. The mobile units also have transformers that require moisture and oil level

monitoring by supervisory control and data acquisition (SCADA). Storing the materials and equipment in outdoor settings accelerates deterioration and increases maintenance costs for the equipment.

## **DISCUSSION:**

On February 16, 2018, RPU posted Request for Proposal (RFP) No. 1789 on the City's online bid system, Planet Bid, for Professional Services for the Substation Utility Storage Facility. The scope of work for this project consists of constructing a single-story structure with the purpose of storing mobile substation equipment and other critical equipment.

1.5-acre Parcel of Land North of Freeman Substation



Sample of Proposed Design Concepts



DESIGN CONCEPTS

The selected consultant will provide professional architectural and engineering services, which include comprehensive schematic design, surveying, geotechnical investigations, laboratory tests of materials, inspection and reports, periodic field observations, and record as-built information. The selected consultant will produce a complete drawing package and design development documents, detailed specifications and other documents required to form the basis of contract bids for the actual construction of the project, and will be responsible for providing construction support during construction throughout the duration of the project.

RFP No. 1789 closed on March 15, 2018. Two vendors submitted bids for the specified work. Staff evaluated the proposals and deemed IDS Group Inc. to be the lowest responsive and responsible proposer. The proposal was within the engineer's estimated amount of \$400,000. The proposals are summarized in the table below:

Proposer Firm	Location	Amount	Evaluation
IDS Group, Inc.	Irvine, CA	\$310,350.00	1 <sup>st</sup>
TR Design Group	Riverside, CA	\$568,229.37	2 <sup>nd</sup>
➤ Engineer's Estimate		\$400,000	

The project breakdown is proposed as follows:

Project Breakdown	
Engineering Performed By:	IDS Group, Inc.
Anticipated Start Date:	June 8, 2018
Anticipated Duration:	30 Months

The breakdown for the total capital expenditure is as follows:

Description	Amount
Project Management and Engineering	\$60,000
Professional Services	\$310,350
Contingency (10%)	\$37,035
<b>Work Order Total</b>	<b>\$407,385</b>

The Purchasing Services Manager concurs that the recommended action is in compliance with Purchasing Resolution No. 23256.

Bidding for construction contracts will proceed after the design phase work is completed. Construction cost and benefit estimates for the construction phase will be studied and validated as part of the design process as options are evaluated and selected. The construction phase will be submitted for Board of Public Utilities approval and contract award at a later date.

### **FISCAL IMPACT:**

The total fiscal impact is \$407,385. Sufficient funds are available in Public Utilities Substation Bus Upgrade Capital Account No. 6130000-470616.

Prepared by: George R. Hanson, Utilities Assistant General Manager/Energy Delivery  
 Approved by: Todd L. Jorgenson, Interim Utilities General Manager  
 Approved by: Marianna Marysheva, Assistant 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. Professional Consultant Services Agreement
2. RFP Award Recommendation

