

0150-10565-0000

**TRANSMITTAL**

TO  
Marcie L. Edwards, General Manager  
Department of Water and Power

DATE

COUNCIL FILE NO.

FEB 18 2016

FROM  
The Mayor

COUNCIL DISTRICT

**SIX AGREEMENTS FOR AS-NEEDED ENGINEERING DESIGN AND ARCHITECTURAL SERVICES IN SUPPORT OF WATER SYSTEM CAPITAL IMPROVEMENT PROJECTS**

Approved and transmitted for further processing including Council consideration.  
See the City Administrative Officer report attached.



Ana Guerrero

MAYOR

REPORT FROM

## OFFICE OF THE CITY ADMINISTRATIVE OFFICER

Date: February 16, 2016

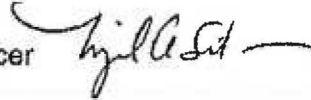
CAO File No. 0150-10565-0000

Council File No.

Council District:

To: The Mayor

From: Miguel A. Santana, City Administrative Officer



Reference: Transmittal from the Department of Water and Power dated December 1, 2015; referred by the Mayor for report on December 9, 2015

Subject: **SIX AGREEMENTS FOR AS-NEEDED ENGINEERING DESIGN AND ARCHITECTURAL SERVICES IN SUPPORT OF WATER SYSTEM CAPITAL IMPROVEMENT PROJECTS**

### SUMMARY

The Department of Water and Power (DWP; Department) requests approval of a proposed resolution authorizing six Agreements (Agreements) for as-needed engineering design and architectural services in support of the Water System. The six proposed Agreements, which were selected through a competitive process, each include a term of five years. A cumulative total expenditure amount not to exceed \$60 million is proposed. The six Agreements are summarized below as follows:

Contractor Name	Agreement Number	Term	Expenditure Authority (Cumulative)
Arcadis U.S. Incorporated	47366A-6	5 years	\$60 million
Black & Veatch Corporation	44366B-6		
CDM Smith Incorporated	44366C-6		
MWH Americas Incorporated	44366D-6		
Parsons	44366E-6		
Tetra Tech Incorporated	44366F-6		

To ensure safe and reliable drinking water, DWP has identified numerous capital improvement projects including developing and improving pump stations, regulator stations, compressed natural gas fueling facilities, water tanks, and floating reservoir covers. DWP states that these projects will vary greatly in cost, duration, complexity, and personnel resources. As a result, it is anticipated that a combination of dedicated DWP personnel and contractors will be required for planning, design, analysis, drafting, and construction engineering support in all major design disciplines on a routine and non-routine basis. Utilization of these Agreements is anticipated to support the DWP's efforts to complete numerous Water System projects identified in the Appendix.

Council approval is required for contracts that exceed three years, pursuant to Charter Section 373. The City Attorney has approved the resolution and Agreement as to form and legality.

### **RECOMMENDATIONS**

That the Mayor:

1. Approve the proposed resolution authorizing Agreements 47366A-6, 47366B-6, 47366C-6, 47366D-6, 47366E-6, 47366F-6, with Arcadis U.S. Incorporated, Black & Veatch Corporation, CDM Smith Incorporated, MWH Americas Incorporated, Parsons, and Tetra Tech Incorporated, respectively, for professional and technical engineering design and architectural design services with a term of five years and with a cumulative expenditure authority not to exceed \$60 million; and,
2. Return the proposed resolution and agreement to the Department for further processing, including Council consideration.

### **FISCAL IMPACT STATEMENT**

Approval of the proposed Agreements will result in expenditures not to exceed \$60 million from the Water Revenue Fund. There is no impact to the City General Fund. The proposed Agreements comply with the Department's adopted Financial Policies.

### **TIME LIMIT FOR COUNCIL ACTION**

Pursuant to Charter Section 373, "Long Term Contracts Approved by Council," and the Los Angeles Administrative Code Section 10.5, "Limitation and Power to Make Contracts," unless the Council takes action disapproving a contract that is longer than three years within 60 days after submission to Council, the contract shall be deemed approved.



**APPENDIX**

**Water System Projects supported by the Six (6) As-Needed Engineering Design and Architectural Services Agreements**

	<b>Project Description</b>	<b>Estimated Amount (\$M)</b>
<b>Current Projects</b>	Electric Arc Flash	\$3.000
	Engineering Application Support	\$3.750
	SCADA - CIP	\$3.000
	SCADA - Owens Lake	\$2.000
	Traffic Control Plans - in construction	\$0.200
	Traffic Control Plans - pre bid	\$0.150
	Compressed Natural Gas Station, Design	\$0.100
	Technical Writing Services for Asset Mgmt Reports	\$0.400
	Risk Management Program Support	\$0.200
	Floating Covers for Green Verdugo Construction Support	\$0.500
	Water Recycling Joint LA Sanitation Studies	\$2.000
	Arborist	\$0.100
	<b>Subtotal</b>	<b>\$15.400</b>
<b>New Items</b>	Tyrone Property Improvements Water District Meter Shop, WQ Lab, Trunk Line Construction office and shop, warehouse	\$8.500
	Groundwater Remediation	\$1.000
	Hydraulic Modeling	\$1.000
	LA Aqueduct System Sediment	\$0.400
	Reservoir Studies	\$0.600
	CIP System Support	\$0.400
	Concrete testing design review, plant inspection design review, and coatings design review	\$0.050
	Electrical Engineering Design	\$4.250
	Mechanical Engineering Design	\$4.500
	Civil/Structural Engineering Design	\$6.000
	Trunk Line Design	\$2.000
	Development of design standards and best practices	\$0.500
	Recycled Water Projects	\$10.000
	Future Projects (Contingency)	\$5.400
		<b>Subtotal</b>
	<b>TOTAL</b>	<b>\$60.000</b>