



Los Angeles
Department of
Water & Power

RESOLUTION NO. _____

BOARD LETTER APPROVAL

A blue ink signature of Martin L. Adams.

MARTIN L. ADAMS
Senior Assistant General Manager
Water System

A blue ink signature of Marcie L. Edwards.

MARCIE L. EDWARDS
General Manager

DATE: March 7, 2016

SUBJECT: Agreement Nos. 47366A-6, 47366B-6, 47366C-6, 47366D-6, 47366E-6, and 47366F-6 for Professional and Technical Engineering and Architectural Design Services With ARCADIS U.S., Inc., Black & Veatch Corporation, CDM Smith Inc., MWH Americas, Inc., Parsons Environment & Infrastructure Group, Inc., and Tetra Tech, Inc., Respectively

SUMMARY

The proposed Agreement Nos. 47366A-6, 47366B-6, 47366C-6, 47366D-6, 47366E-6, and 47366F-6 (Agreements) for Professional and Technical Engineering and Architectural Design Services With ARCADIS U.S., Inc., Black & Veatch Corporation, CDM Smith Inc., MWH Americas, Inc., Parsons Environment & Infrastructure Group, Inc., and Tetra Tech, Inc., respectively, are to provide as-needed engineering design and architectural services to augment internal design staff in delivering over \$5 billion in Water System Capital Improvement Program (CIP) projects for a term of five years and for a total amount not to exceed \$60,000,000 (budgeted). Proposed Agreements are the result of a competitive process under Request for Proposal (RFP) No. 90225.

The specialized nature of some aspects of the work and the aggressive schedules set to meet infrastructure, regulatory, and local supply goals require the additional resources provided under these Agreements. Previous, similar contracts provided the expertise to initiate LADWP's floating reservoir cover projects and ultraviolet treatment facilities. The services provided under these Agreements will continue that work and support new CIP goals.

Work assigned under the Agreements will be managed using the task management process where each task manager is responsible for authorizing and approving the work in each task. The Contract Administrator is responsible for overseeing the overall budget for the contracts.

These Agreements will enable the Water System to meet infrastructure goals by providing needed design expertise and support. Agreements have no minimum expenditure requirement.

City Council approval is required in accordance with Charter Section 373.

RECOMMENDATION

It is recommended that the Board of Water and Power Commissioners adopt the attached Resolution recommending City Council's approval of execution of Agreement No. 47366A-6 with ARCADIS U.S., Inc., Agreement No. 47366B-6 with Black & Veatch Corporation (Black & Veatch), Agreement No. 47366C-6 with CDM Smith, Inc. (CDM), Agreement No. 47366D-6 with MWH Americas, Inc. (MWH), Agreement No. 47366E-6 with Parsons Environment & Infrastructure Group, Inc. (Parsons), and Agreement No. 47366F-6 with Tetra Tech, Inc. (Tetra Tech) as required in Charter Section 373.

ALTERNATIVES CONSIDERED

LADWP does not currently have enough staff, including use of overtime, to complete the required work to implement the planned CIP. Additional staff cannot be hired and trained in sufficient time to meet these temporary peak loads. In addition, LADWP staff does not possess the experience and expertise to perform the full breadth of professional design services required for complex projects, such as the water quality laboratory and other components of a proposed water distribution yard.

The alternative considered was pushing out the dates for projects. However, because of regulatory compliance deadlines and infrastructure replacement needs, this was not viable.

FINANCIAL INFORMATION

The proposed Agreements are for a term of five years with a cumulative not-to-exceed amount of \$60,000,000 for all six Agreements. Engineering design and architectural services are included with the budgets of individual projects comprising the Water System CIP. The contracts have no minimum expenditure requirement.

There is no impact on the City's General Fund.

BACKGROUND

The engineering and architectural support service provided through these Agreements will provide both routine and specialized expertise to support the Water System's CIP to meet infrastructure, water quality and other regulatory compliance, and local water supply goals. Examples of consulting services include:

- Specialized design of floating reservoir covers to protect water quality.
- Safety design and advice regarding arc flash protection in pumping stations with high voltage power supplies.
- Hydraulic modeling to establish priorities in support of the pipeline infrastructure program and to promote expansion of groundwater supplies to the distribution system.
- Alternative fueling facilities (natural gas) to meet air quality requirements for our fleet of maintenance vehicles.
- Layout and design of new Water System Water Quality lab and construction yard. The new lab will house staff (currently in a Pasadena facility) that tests water samples to ensure routine water quality and investigate emerging contaminants of concern. The construction yard will improve efficiency and output of trunk line construction forces with a welding shop, warehouse, and meter room.

Work assigned under these professional services contracts will continue to be administered using the task management process. Tasks identified by the user groups are discussed with the Contract Administrator and assigned a task manager. Once a task is agreed upon, managers from both the requesting and Contract Administrator's organization approve the request. Task proposals are sent to each consultant, and responses reviewed prior to a consultant selection. The task manager monitors and directs the work in each task. Invoices are reviewed and approved by the task manager and Contract Administrator and finally by Division managers. The Contract Administrator manages the overall budget for the contract while multiple task managers direct their individual tasks. Task managers are trained by the Water Engineering & Technical Services contract group on how to properly review invoices and progress for each task to ensure work proceeds as planned and charges appropriate for work performed.

A consultant database lists each contract with associated tasks to assist the Contract Administrator to track contract tasks and expenditures. A performance based tracking program currently under development requires the task manager to input information about the consultants' performance on the assigned work. It is expected that this contract will utilize this program.

ARCADIS, CDM, and MWH had previous contracts with LADWP under Agreement Nos. 47097A, 47097B, and 47097C, respectively, for the same services and their performance was satisfactory. Black & Veatch and Tetra Tech have current contracts with LADWP for other work and also performed satisfactorily. Parsons has not done previous work with LADWP for the past five years; however, based on references that were contacted by LADWP, Parsons has satisfactorily performed on past contracts with other agencies, such as City of Los Angeles Department of Public Works, Orange County Water District, San Diego County Water Authority, and Tarrant Regional Water District.

Per Charter Section 373, the City Administrative Officer (CAO) Report, dated February 18, 2016, is attached.

ENVIRONMENTAL DETERMINATION

In accordance with Section 15060 (c) (3) of the California Environmental Quality Act (CEQA) Guidelines, an activity is not subject to CEQA if it does not meet the definition of a project. Section 15378 (b) (5) states that organizational or administrative activities that will not result in direct or indirect physical changes in the environment do not meet that definition. Therefore, entering into the proposed Agreements for as-needed engineering design and architectural services to augment internal design staff is not an action subject to CEQA.

CITY ATTORNEY

The Office of the City Attorney reviewed and approved the Agreements and Resolution as to form and legality.

ATTACHMENTS

- Procurement Summary
- Resolution
- Agreements
- CAO Report