



Los Angeles
Department of
Water & Power

RESOLUTION NO. _____

BOARD LETTER APPROVAL

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REIKO A. KERR

Senior Assistant General Manager – Power System
Engineering, Planning, and Technical Services

A handwritten signature in blue ink, appearing to read 'Martin L. Adams', is written over a horizontal line.

MARTIN L. ADAMS

Chief Operating Officer

A handwritten signature in blue ink, appearing to read 'David H. Wright', is written over a horizontal line.

DAVID H. WRIGHT

General Manager

DATE: November 14, 2017

SUBJECT: Amendment No. 1 to Agreement No. 47283-5 – Geographic Information System Implementation and Data Conversion with POWER Engineers, Inc.

SUMMARY

The purpose of Amendment No. 1 (Amendment) to Agreement No. 47283-5 (Agreement) with POWER Engineers, Inc. (POWER Engineers) for Geographic Information System Implementation and Data Conversion (GIS) is necessary to extend the term of the Agreement for twelve months with no additional costs. LADWP has spent a significant amount of time gathering requirements, defining its scope, and gathering feedback and approvals from users, causing unexpected delays. In order to complete the required tasks, we are asking for another year to complete the project.

The existing Agreement was for three years (January 20, 2015 through January 20, 2018), for an amount not to exceed \$11,882,181, including a ten percent contingency of \$1,078,750. These funds are adequate to complete the GIS contract during the Amendment period.

The new GIS will give us the ability to combine and display data in a geospatial system. This system will replace LADWP's Facilities Rule-based Application Model Management Environment (FRAMME) System as well as the Facility Management (FM) System. FRAMME only covered the Los Angeles (LA) Basin territory whereas the new GIS will eventually encompass all electrical facilities from generation to customers throughout all of LADWP's service territory. The new system allows LADWP personnel to view, design, inspect, and update the model. It provides higher quality data to Electric Trouble crews to track and respond to emergency power outage calls.

During the requirements gathering phase, we discovered items that will add significant value to the GIS that were not part of the current scope. Such items include enhancements to the Transmission Data Model and Vegetation Management application, and a fully connected conduit model. We intend to request a separate contract for these additional items in the near future.

City Council approval is required per Charter Section 373.

RECOMMENDATION

It is recommended that the Board of Water and Power Commissioners adopt the attached Resolution for City Council's approval of the proposed Amendment No. 1 to Agreement No. 47283-5 for an additional year with POWER Engineers.

ALTERNATIVES CONSIDERED

The alternatives considered would leave us with a partially implemented system. This will cause significant change management problems as the users will not trust the new system. We recommend adding an additional year to complete the implementation as POWER Engineers is intimately familiar with our system and is the vendor implementing the new system.

FINANCIAL INFORMATION

There is no additional expenditure required, we are only asking for an additional year.

BACKGROUND

The existing FRAMME and FM Systems are the prime repositories of power system mapping and facility data. They are used by engineering, administrative, and field personnel on a daily basis. FRAMME and FM are antiquated systems that are frequently found to be inconsistent with actual conditions. Additionally, the mapping scope of the FRAMME system is limited to Distribution facilities within the City of Los Angeles and does not cover the Owens Valley electric system, nor generation and transmission facilities.

The goal of the new GIS system is to be the system of record for the entire LADWP energy delivery system. After full deployment, the new GIS system will provide tools to create more efficient processes and will reduce data inconsistencies by having users enter data in one place. It will provide accurate and up-to-date circuit information, equipment information, spatial information, and customer information. The new GIS system will cover the LA basin and Owens Valley.

This amendment is necessary to complete LADWP's core GIS implementation.

POWER Engineers has performed satisfactorily on current and previous contracts.

The approved City Administrative Officer (CAO) report dated September 5, 2017, is attached.

ENVIRONMENTAL DETERMINATION

In accordance with the California Environmental Quality Act (CEQA), it has been determined that item is exempt pursuant to Guidelines Section 15060 (c)(3). In accordance with this Section, 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. Since the work under this contract amendment involves GIS implementation and data conversion services, the proposed action is not subject to CEQA.

CITY ATTORNEY

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

ATTACHMENTS

- Procurement Summary
- Resolution
- Amendment No. 1 to Agreement No. 47283-5
- CAO Report