



# Agenda Report

October 21, 2019

**TO:** Honorable Mayor and City Council

**FROM:** Department of Water and Power

**SUBJECT: AUTHORIZATION TO ENTER INTO A CONTRACT WITH MAUELL CORPORATION FOR THE INSTALLATION OF A VIDEO WALL SYSTEM AT THE WATER AND POWER BACKUP DISPATCH CENTER, AND ASSOCIATED PREVENTATIVE MAINTENANCE AND EMERGENCY SERVICES IN AN AMOUNT NOT TO EXCEED \$254,664**

**RECOMMENDATION:**

It is recommended that the City Council:

1. Find the proposed action to be categorically exempt under the California Environmental Quality Act ("CEQA") pursuant to Section 15301 (Existing Facilities). There are no features that distinguish this project from others in the exempt class and, therefore, there are no unusual circumstances; and
2. Authorize the City Manager, or his designee, to enter into a contract, based on a competitive selection process pursuant to Pasadena Municipal Code ("PMC") Section 4.08.047, with Mauell Corporation to furnish and install a Video Wall Display System at the Backup Dispatch Center and provide associated preventive maintenance, and emergency services in an amount not to exceed \$254,664, which includes a base contract amount of \$231,513 and a 10% contingency of \$23,151 to provide for any unforeseen conditions.

**BACKGROUND:**

The Water and Power Department ("PWP") utilizes the Primary Dispatch Center to remotely monitor, control, and operate the City's electric system. The Primary Dispatch Center provides 24/7/365 real-time situational awareness and control of the electric system through mission-critical Supervisory Control and Data Acquisition ("SCADA"), Outage Management System ("OMS"), and Security Enterprise Applications.

In order to continue the remote monitoring, control, and operation of the electric system under emergency scenarios, a Backup Dispatch Center located at the City Yards was recently commissioned. In a scenario where the Primary Dispatch Center is not functional, power dispatchers would be relocated to the Backup Dispatch Center to continue the operation.

The next enhancement to the Backup Dispatch Center is installing a Video Wall System, which will increase the efficiency and effectiveness of the power dispatchers by providing a common operating picture and a visual status of the electric system. Information from real time sources (such as microprocessor-based power system control equipment, field deployed devices such as transformers and circuit breakers from the SCADA system, computers, video, networked applications, closed-circuit television, and security cameras) will securely interface with each other and be simultaneously displayed while supporting collaboration efforts between the two facilities and other stakeholders across the City's network.

In addition, the Primary Dispatch Center is in need of major renovation and upgrades which will be completed over the course of multiple years. During the construction phase of the upgrade, power dispatchers will operate from the Backup Dispatch Center.

On December 28, 2018, a Request for Proposals ("RFP") was posted on PlanetBids inviting proposals from a qualified firm to design, install, and configure the Video Display Wall. PlanetBids electronic posting distributed 3,516 notifications to registered vendors including 225 local vendors. RFP documents were downloaded by 54 vendors, four of which were local firms.

A mandatory pre-proposal meeting was held on January 23, 2019. Of the 14 vendors that attended the mandatory pre-proposal meeting, five submitted proposals (none were local vendors) and their proposals were evaluated based on the criteria shown in Table I.

**Table I: RFP Evaluation Criteria**

Scoring Criteria	Maximum Points
Technical Proposal & Quality of Implementation plan	30
Cost of Proposal	20
Understanding Scope of Work	20
Professional Qualifications, Experience, and References	20
Local Business Preference	5
Small or Micro-Business	5
<b>Total Score</b>	<b>100</b>

Table II summarizes the evaluated total scores for each of the respondents based on the average score of four evaluators. Additional scoring details are provided in Attachment A.

**Table II: Summary of Evaluated Scores**

Rank	Firm Name	Office Location	Total Score
1	Mauell Corporation	Dillsburg, PA	85.3
2	Advanced Control Systems, Inc.	Norcross, GA	81.0
3	EIDIM Group, Inc.	Buena Park, CA	74.8
4	Continuant Inc.	Fife, WA	56.5
5	Spinitar	La Mirada, CA	42.3

Mauell Corporation met the requirements of the RFP and received the highest evaluated score based on the evaluation criteria in the specification. Therefore, staff respectfully recommends that the City Council authorize the City Manager, or his designee, to enter into a contract with Mauell Corporation for installation, and two years of preventive maintenance and emergency services of the Video Display Wall for an amount not to exceed \$254,664, which includes a base contract amount of \$231,513 and a 10% contingency of \$23,151 to provide for any unforeseen conditions. The base contract amount for the installation of the Video Display Wall has been adjusted to account for the tax rate increase from 9.5% to 10.25%.

Mauell Corporation does not have any current or past contracts with the City of Pasadena.

**COUNCIL POLICY CONSIDERATION:**

The proposed contract is consistent with the Public Facilities Element of the General Plan and supports the Council's goal to improve, maintain and enhance public facilities infrastructure to provide a high level of public service which adds to the quality of life in the City and increase its attractiveness through more efficient management of resources, to provide cost-effective and innovative management of the City's resources, and to implement capital improvements that will maintain and rehabilitate infrastructure.

**ENVIRONMENTAL ANALYSIS:**

The project is categorically exempt under the CEQA Guidelines in Section 15301 Existing Facilities (Class 1), of the State CEQA Guidelines (California Code of Regulations Title 14, Chapter 3). Class 1 consists of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use. Section 15301 Part (b) specifically applies this categorical exemption to existing facilities of both investor and publicly owned utilities. The project is an alteration of an existing facility involving no expansion of the existing use. There are no features that distinguish this project from others in the exempt class and, therefore, there are no unusual circumstances.

**FISCAL IMPACT:**

The maximum cost of this action is \$254,664 which includes a base contract amount of \$231,513 and 10% contingency of \$23,151. Funding for this action will be addressed by the utilization of existing and future appropriations in the Power Capital Fund 411 and Power Operation Fund 401. The funding breakdown is illustrated in Table III:

**Table III: Funding Breakdown for Enhancement of Backup Dispatch Center**


Service	Amount	Funding Source
Design, Installation, and Configuration of Video Display Wall	Base:	\$201,728
	Contingency (10%)	\$20,172
	Total:	\$221,900
Preventive Maintenance and Emergency Services for Video Display Wall	Base:	\$29,785
	Contingency (10%)	\$2,979
	Total:	\$32,764
<b>Total Not-to-Exceed Contract:</b>		<b>\$254,664</b>

Respectfully submitted,



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