



CITY OF GLENDALE, CALIFORNIA REPORT TO THE CITY COUNCIL

AGENDA ITEM

Report: Professional Services Agreement (PSA) with Eagle Aerial Solutions (EAS) to Conduct a Comprehensive Analysis on all Dedicated Irrigation Meters and Mixed-Use Meters.

1. Motion authorizing the City Manager, or his designee, to enter into and execute a Professional Services Agreement (PSA) with Eagle Aerial Solutions to conduct a comprehensive analysis on all dedicated irrigation meters and mixed-use meters in the not-to-exceed amount of \$156,710.

COUNCIL ACTION

Item Type: Consent Calendar

Approved for April 15, 2025 **calendar**

EXECUTIVE SUMMARY

Eagle Aerial Solutions (EAS) specializes in providing high-resolution aerial imagery and data management solutions. Together with their partner NV5, EAS has been assisting the California Department of Water Resources (DWR) on various statewide water conservation efforts, including the irrigated landscape measurement project. Currently, EAS is the only company whose methodology is approved and meets DWR's standards.

The recommended Professional Services Agreement (PSA) would allow EAS to support GWP in determining the number of dedicated-irrigation meters and mixed-use meters in the City, and to conduct a comprehensive analysis on those water uses. The analysis will provide GWP information on how the water is being used, help identify the customer groups that need the most support, and how to increase water use efficiency while maintaining financial resilience.

RECOMMENDATION

Authorize the City Manager to enter into a PSA with EAS to conduct a comprehensive analysis on all dedicated irrigation meters and mixed-use meters in the amount of \$156,710.

ANALYSIS

In 2021, GWP entered into a three-year Agreement with EAS for their consulting services related to the California water conservation legislation, Senate Bill 606 and Assembly Bill 1668. EAS developed WaterView™ to help water agencies, such as

GWP, meet the efficiency and allocation requirements under the new long-term California water conservation legislation. In 2024, GWP renewed a three-year Agreement with EAS to continue with their consulting services related to their WaterView™ software.

The CII Roadmap Analysis proposed by EAS will utilize the City's GIS and water consumption data to geolocate the Dedicate Irrigation Meters (DIMs) and Mixed-Use Meters (MUMs), grouping them by customer into premise aggregations, identifying the premise boundaries, and defining the landscaping area within these premise boundaries using heads-up digitization methods. A Coefficient of Variation (CV) analysis which demonstrates water use trend analysis will be performed on a per premise basis and used to determine anomalies of water use. The Analysis will also identify and map out the Special Landscape Areas within each premise. Special Landscape Areas are mapped landscapes dedicated solely to edible plants, areas irrigated with recycled water, water features using recycled water, and areas dedicated to active play such as parks, sports fields, golf courses, and where turf provides a playing surface.

The data from the Analysis will then be integrated into the WaterView™ software. It will provide GWP with true insight on how water is being used and identify customer groups that need the most support. The Analysis will allow precise, targeted conservation efforts at the group and customer level. These targeted efficiency assessments and outreach capabilities will lead to more effective conservation campaigns while saving money over untargeted, large-scale outreach efforts.

STAKEHOLDERS/OUTREACH

Not applicable.

FISCAL IMPACT

The CII Roadmap Analysis will cost \$156,710 over four years. The expected annual cost is \$44,000 per year. The GWP budget can absorb this cost, and the expense will be fully reimbursed through the MWD MAAP Funding annually. Therefore no new appropriation is being requested. The funding is outlined below:

Existing Appropriation		
Amount	Account String	Funding Source
\$156,710	43110-5920-GWP-4700-P0000-T0000-F1600	Water Works Revenue Fund

ENVIRONMENTAL REVIEW (CEQA/NEPA)

This item is not a project for the purposes of the California Environmental Quality Act (CEQA) and thus is not subject to CEQA review.

CAMPAIGN DISCLOSURE

In accordance with the City Campaign Finance Ordinance No. 5744, the following are the names and business addresses of the members of the board of directors, the chairperson, CEO, COO, CFO, Subcontractors and any person or entity with more than

ten percent interest in the company proposed for contract in this agenda item report.

Officers of: **Eagle Aerial Solutions**

Full Name	Title	Business Address	City	State	Zip
Wayne Tate	CEO	3333 Michelson Dr., Suite 300	Irvine	CA	92612
Paul Clark	CFO	3333 Michelson Dr., Suite 300	Irvine	CA	92612

Ownership Interest in more than ten percent (10%) in **Eagle Aerial Solutions**

Full Name	Title	Business Address	City	State	Zip
Wayne Tate	CEO	3333 Michelson Dr., Suite 300	Irvine	CA	92612
Paul Clark	CFO	3333 Michelson Dr., Suite 300	Irvine	CA	92612

Officers of **NV5, Inc.:**

Full Name	Title	Business Address	City	State	Zip
Dickerson Wright	Chief Executive Officer, President, and Director	200 South Park Road, Suite 350	Hollywood	FL	33021
Richard Tong	Director, Chairman of the Board, Executive Vice President and Co-Secretary	200 South Park Road, Suite 350	Hollywood	FL	33021
Edward Codispoti	Chief Financial Officer	200 South Park Road, Suite 350	Hollywood	FL	33021
MaryJo O'Brien	Co-Secretary and Chief Administrative Officer	200 South Park Road, Suite 350	Hollywood	FL	33021
Mark E. Meade	Senior Vice President	200 South Park Road, Suite 350	Hollywood	FL	33021
Ryan Avery	Vice President	200 South Park Road, Suite 350	Hollywood	FL	33021
Robert Vander Meer	Vice President	200 South Park Road, Suite 350	Hollywood	FL	33021
Evon Silva	Vice President	200 South Park Road, Suite 350	Hollywood	FL	33021
Jon Wittman	Vice President	200 South Park Road, Suite 350	Hollywood	FL	33021

John Nett	Vice President	200 South Park Road, Suite 350	Hollywood	FL	33021
Dan Casey	Vice President	200 South Park Road, Suite 350	Hollywood	FL	33021
Tobin Guthrie	Vice President	200 South Park Road, Suite 350	Hollywood	FL	33021
Kris Fausti	Vice President	200 South Park Road, Suite 350	Hollywood	FL	33021
Kurt Allen	Vice President	200 South Park Road, Suite 350	Hollywood	FL	33021

Ownership Interest in more than ten percent (10%) in **NV5, Inc.:**

Full Name	Title	Business Address	City	State	Zip
NV5 Global, Inc.	Parent Company	200 South Park Road, Suite 350	Hollywood	FL	33021

ALTERNATIVES TO STAFF RECOMMENDATION

Alternative 1: Choose not to award the PSA. This will result in not being able to effectively increase water use efficiency and water conservation.

Alternative 2: Consider any other alternative not proposed by staff.

ADMINISTRATIVE ACTION

Submitted by:

Scott K. Mellon, P.E., Acting General Manager - Glendale Water & Power

Prepared by:

Chisom Obegolu, P.E., Assistant General Manager - Water

Approved by:

Roubik R. Golanian, P.E., City Manager

EXHIBITS/ATTACHMENTS

Not applicable.