

COUNCIL COMMUNICATION

TO: Honorable Mayor and Council

FROM: Timothy Kellett, Deputy Director of Public Works

SUBJECT:

Discussion and Action: Requirements Contract for Advanced Metering Infrastructure and Beacon SaaS Managed Solution Master Agreement with Badger Meter (*Ron Foggin*)

FUNDING SOURCE:

CIP-Grant
Water Utility Fund

PURPOSE:

To consider awarding a multi-year Requirements Contract with Badger Meter, Inc. (500534) to purchase upgraded water meters with advanced meter reading technology to replace existing meters and approve Beacon Software as a Service (SaaS) Managed Solution Master Agreement to implement the associated advanced meter reading data collection system, in accordance with City Code Section 3.10.030.1.

BACKGROUND:

In 2022, Lake Havasu City performed a rate study for the water and wastewater systems. From the study, the City learned that water loss was over the industry standard of 10%. To address this deficiency, staff reviewed possible options to improve water loss and capture more of the water use within the water system. One technology identified in this process was upgrading existing water meters to an Advance Meter Infrastructure. This technology allows for remote read capability, alerts for uncommonly high-water use, and more finite tracking of water use. The new access to data and the decreased time to learn about inefficient water use will enable staff to more quickly respond and address potential water loss issues.

Once the water meter technology improvement was identified as a possible solution, staff applied for a Water Infrastructure Finance Authority (WIFA) grant to help with the cost of purchasing and installing the system. The successful application secured \$3 million in funding to begin the program. Staff then released a Request For Proposals to seek the best Advance Meter Infrastructure system for Lake Havasu City. Nine proposals were received and evaluated, and Badger Meters was determined to be the best option for Lake Havasu City.

This proposed action seeks Council's award of a Requirements Contract that contains the terms and pricing for the purchase of the updated water meters and approval of the Beacon SaaS Managed Solution Master Agreement (Master Agreement). The meter purchase prices contained in the Requirements Contract will remain fixed for one year and then be annually

adjusted based on the annual Consumer Price Index (All Urban Users). The SaaS Service Unit price will remain fixed for one year with a 1.5% annual increase adjustment thereafter. The Master Agreement establishes the hosted, on-demand, web-based services website (portal) that will be accessible to customers with the updated meters.

COMMUNITY IMPACT:

This project will improve the community's ability to understand their water use and respond to water inefficiencies. This project will also increase water efficiency throughout the water system thus helping to conserve this precious resource.

FISCAL IMPACT:

Initial funding will be from the WIFA Water Conservation Grant Funding in the amount of \$3,000,000 with a \$750,000 match from Lake Havasu City using a combination of cash and in-kind services from the Water Utility Fund. Additional funding will be sought through other grants and as part of the Capital Improvement Plan approved by City Council. A follow-up item will be placed on an upcoming Council agenda for discussion and possible action that will describe the break-down of funding sources and the projected annual spending for future purchases within the 10-year term of the agreement.

ATTACHMENTS:

Badger Meter Best and Final Offer Response to RFP
Beacon SaaS Managed Solution Master Agreement
Committee Evaluation Tabulation

SUGGESTED MOTION:

I move to award the Requirements Contract for Advanced Metering Infrastructure and approve the Beacon SaaS Managed Solution Master Agreement with Badger Meter, Inc.; authorize the City Manager to execute the agreements on behalf of the City; and authorize staff to exercise the option to renew the Requirements Contract for an additional five-year term.



November 12, 2024 Regular Meeting Summary

Line Item	Summary	Final Action
5.1	Action: Approve the October 22, 2024, City Council Regular Meeting Minutes(Kelly Williams)	Approved
5.2	Action: Resolution No. 24-3793 Approving Abandonment of the Northerly 137-Foot by 10-Foot-Wide Portion of the Existing 158-Foot by 10-Foot-Wide Public Utility and Drainage Easement on the Westerly Property Line of 3586 Kiowa Bay, Tract 29 , Block 7, Lot 14 (Trevor Kearns)	Adopted Resolution No. 24-3793
5.3	Action: Resolution No. 24-3794 Adopting the Lake Havasu City Airport Disadvantaged Business Enterprise Program (Robert C. Kane)	Adopted Resolution No. 24-3794
5.4	Action: Approve the Interlocal Participation Agreement with National Purchasing Cooperative (Jill Olsen)	Approved
5.5	Action: Call for Executive Session Pursuant to A.R.S.§ 38-431.03(A) 4:30 p.m.,Tuesday, November 26, 2024 (Kelly Williams)	Executive Session Called
6.1	Announce Vacancies on Lake Havasu City Boards, Committees, and Commissions(Kelly Williams)	Vacancies Announced
6.2	City Manager's Report (Jess Knudson)	Report Given
7.1	Discussion and Action: Series #10 Beer and Wine Store Liquor License, Motor & Boat Food & Fuel, 2890 Jamaica Blvd S./Singh (Kelly Williams)	Recommended Approval
7.2	Discussion and Action: Series #12 Restaurant Liquor License, Arizona Rebel Republic, 230 Swanson Avenue/Miller (Kelly Williams)	Recommended Approval
7.3	Discussion and Action: Resolution No. 24-3792 Establishing the Downtown Association Pilot Parking Program (Kelly Garry)	Adopted Resolution No. 24-3792 with changes to include Monday through Friday 8-5pm for 2-hour parking
7.4	Discussion and Action: Ordinance No. 24-1349 Amending Lake Havasu City Code Chapter 2.44, Police Department, to Add Sections 2.44.070, 2.44.080, 2.44.090 and 2.44.100 Regarding Police Service Assistants and Citizens on Patrol Members (Introduction) (Chief Stirling)	Introduced Ordinance No. 24-1349
7.5	Discussion and Action: Ordinance No. 24-1350 Amending Lake Havasu City Code Chapter 10.08, Rules of the Road, to Update or Establish Regulations Regarding Bicycles, Electric Bicycles, Human and Non-Human Powered Vehicles, Personal Assistive Mobility Devices, Skateboards, Scooters, and Skates (Introduction) (Chief Stirling)	Introduced Ordinance No. 24-1350

7.6	Discussion and Action: Cooperative Purchase of Emergency Medical Equipment/Supplies and Annual Expenditures Over \$50,000 with Bound Tree Medical, LLC (Chief Pilafas)	Approved expenditures exceeding \$50,000 up to the amount allocated and available in the budget for Fiscal Year 2024-25
7.7	Discussion and Action: Agreement and Purchase of Flex Suite & Command Central Cloud Hybrid from Motorola Solutions, Inc. (Chief Stirling)	Approved in an amount of \$743,190 plus applicable taxes for year one of the agreement and exercise the option to renew the agreement annually
7.8	Discussion and Action: Requirements Contract for Advanced Metering Infrastructure and Beacon SaaS Managed Solution Master Agreement with Badger Meter (Ron Foggin)	Approved agreements with the option to renew the Requirements Contract for an additional five-year term
7.9	Discussion and Action: Professional Services Agreement for the Island Wastewater Treatment Plant (WWTP) Filter Upgrade Project with NCS Engineers (Jason Hart)	Approved in the amount of \$97,308
7-10	Discussion and Action: Replacement and Refurbishment of Horizontal Collector Well Pumps and Piping Construction Project to Layne Christensen Company (JasonHart)	Approved in the amount of \$880,769.68