

PROFESSIONAL CONSULTING SERVICES AGREEMENT TO ADMINISTER SMART IRRIGATION PROGRAM

Public Utilities

City Council
November 19, 2024

RiversideCA.gov

1

LEGISLATIVE HISTORY

1. July 3, 2024 - State Water Resources Control Board approved the **Conservation is a California Way of Life Framework** (AB 1668 and SB 606)
2. Retail water agencies are required to annually calculate and report their water use objectives to Department of Water Resources
3. Agencies must also complete a set of Compliance Tasks that:
 - a. Place limits on outdoor water use
 - b. Create parameters for indoor water use
 - c. Define the methods to meet said objectives




2

RiversideCA.gov


2

WATER USE OBJECTIVES SNAPSHOT

WUO Performance Snapshot
WUO Compliance Date | January 1, 2027

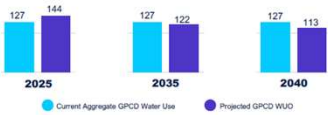


Projected WUO Compliance



Projected to Have Moderate Compliance Readiness through 2040

Projected WUO Compliance




Year	Current Aggregate GPCD Water Use	Projected GPCD WUO
2025	127	144
2035	127	122
2040	127	113

Compliance Readiness Scale

- Extremely High
- High
- Moderate
- Low
- Extremely Low

Task Compliance



Moderate Compliance Readiness as of 2024

Task List | Compliance Implementation

DEDICATED IRRIGATION METERS

- Map DWR CII LAM data to DIM premises and delineate SLAs and MUMs.
- Generate water budgets and compare against actual.


CII MIXED USE METERS WITH IRRIGATION

- Identify mixed use meters with 1/5 acre of irrigated area or exceeding water budget.
- Determine most technically and financially feasible path for MUMs.
- Implement identified path for MUMs.

CII GENERAL METERS

- Identify disclosable buildings with 50,000 sqft or more.
- Map CII accounts into ESPM classifications.
- Identify top CII water users per selected option.
- Implement best management practices and report activity.


Not started Started Finished


RiversideCA.gov

3

BACKGROUND

1. Smart Irrigation Program is comprised of:
 - a. Landscape efficiency audit
 - b. Repairs to existing irrigation system
 - c. Installation of Weather-based Irrigation Controller and High-efficiency Nozzles
2. Since 2011, the Smart Irrigation Program has helped RPU water customers reduce their outdoor water consumption
 - a. 2,272 Smart Controllers
 - b. 109,270 High-Efficiency Sprinkler Nozzles
 - c. 776 Million Gallons of Water Saved


RiversideCA.gov

4

BACKGROUND



RiversideCA.gov

5

REQUEST FOR PROPOSAL EVALUATION

1. RFP 2379 closed July 25, 2024
2. The notification was sent to 132 City of Riverside vendors and 500 external vendors
3. Of the 26 prospective proposers two qualified vendors submitted proposals to administer the Program
4. The consultants were evaluated on the following criteria:
 - a. Qualifications/Approach/Methodology (30%)
 - b. Pricing (25%)
 - c. Experience (projects of similar size and scope) (35%)
 - d. Professional References (10%)



6

RiversideCA.gov

6

REQUEST FOR PROPOSAL EVALUATION				
Program	Proposer	Committee's Avg Rank	Pricing Rank	Overall Rank
Smart Irrigation Program	Valley Soil, Inc.	945.00	1	1
	Water Wise Consulting, Inc.	731.49	2	2



7

RiversideCA.gov

7

STRATEGIC PLAN ALIGNMENT



Strategic Priority 4 – Environmental Stewardship

Goal 4.2 – Sustainably manage local water resources to maximize reliability and advance water reuse to ensure safe, reliable and affordable water to our community.

Cross – Cutting Threads



Community Trust



Equity



Fiscal Responsibility



Innovation



Sustainability & Resiliency



8

RiversideCA.gov

8

RECOMMENDATIONS

That the City Council:

1. Approve the Professional Consultant Services Agreement from Request for Proposal No. 2379 to administer the Smart Irrigation Program to Valley Soil, Inc. for \$750,000;
2. Authorize the City Manager or designee to execute up to two (2) additional one-year terms not to exceed five (5) years; and
3. Authorize the City Manager, or designee, to execute the Professional Consultant Services Agreements, including making minor and non-substantive changes to the agreements.



9

RiversideCA.gov