



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: NOVEMBER 6, 2015

ITEM NO: 11

File ID – 15-3583 – C

SUBJECT: PROFESSIONAL CONSULTANT SERVICES AGREEMENT WITH VALLEY SOIL INCORPORATED, RFP 1525, FOR THE SMART IRRIGATION PROGRAM (SIP) FOR \$200,000

ISSUE:

The issue for the Board of Public Utilities consideration is to approve a Professional Consultant Services Agreement for the Smart Irrigation Program (SIP).

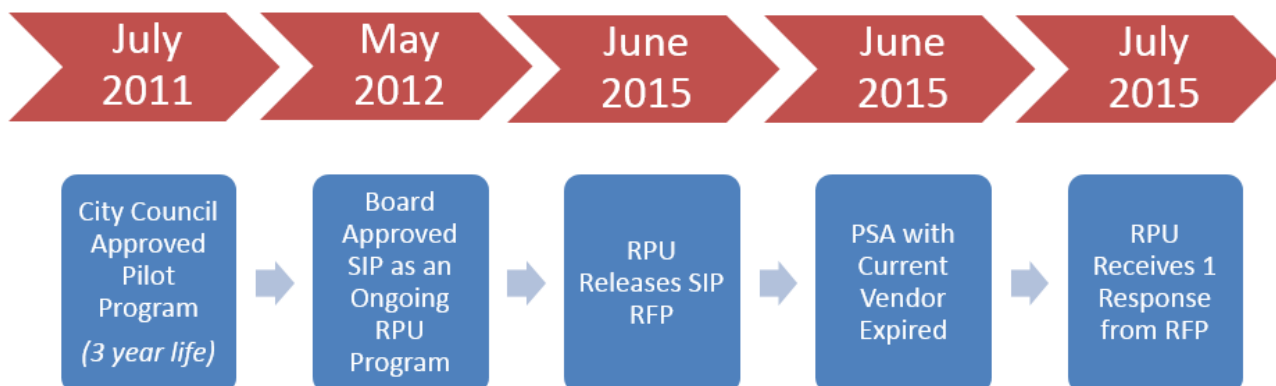
RECOMMENDATIONS:

That the Board of Public Utilities:

1. Approve a Professional Consultant Services Agreement with Valley Soil Inc., of Temecula, CA, in an amount not to exceed \$200,000 for the purposes of administering the Smart Irrigation Program (SIP); and
2. Authorize the City Manager or his designee to execute up to three one-year extensions to the agreement.

BACKGROUND:

The Smart Irrigation Program actively targets high outdoor water-using RPU residential and commercial water customers. Utility analyses have shown that over 60% of overall daily water use in Riverside is directly attributed to landscape irrigation. Smart controllers (Weather Based Irrigation Controllers) use factors such as soil and plant type, local weather data and historical weather patterns to automatically schedule irrigation for a landscape. Smart controllers have been proven to save as much as 25% of the water applied by conventional controllers. The installation of high-efficiency sprinkler nozzles have been proven to save up to 1,400 gallons of water per year per nozzle.



Since the inception of this program in 2011, the SIP program has produced the following results:

RPU Customers:	627
Number of Installed Irrigation Controllers:	750
Number of High Efficiency Nozzles:	51,841
Total Water Savings (gal):	196,790,572
Water Saved Can Serve # of Average Families:	1,208
Water Saved Can Fill # of Pools:	13,120
RPU Dollars Spent:	\$690,415
Additional Dollars Spent by Customers (co-pay):	\$63,664
Resource Cost (Per Acre Foot - Lifetime)	\$274

Through the SIP Program, smart controllers and high-efficiency sprinkler nozzles are directly installed by an RPU approved vendor once a water audit is performed and an analysis of possible water savings is determined. These parameters are documented by the vendor and are included in the program's reporting. A Request for Proposal (RFP #1525) for this multi-year Smart Irrigation Controller and High-Efficiency Sprinkler Nozzle direct installation program was posted and circulated to local landscape contractors.

After the competitive RFP process, Valley Soil Incorporated was determined to be the preferred vendor for the SIP Program. Valley Soil has previously administered the SIP Program since the program began in 2011. Valley Soil has communicated well with RPU customers and staff, provided excellent customer support and achieved program goals in landscape water audits performed and controllers and nozzles installed. RPU staff has been very satisfied with the services and pricing that Valley Soil Inc. has provided with respect to this water conservation program. Therefore, staff recommends that the Board approve the Professional Services Agreement with Valley Soil Incorporated for one year of program administration with the option of 3, 1-year annual contract extensions.

The Purchasing Services Manager concurs that the recommended actions comply with the City of Riverside's Purchasing Resolution No. 22576.

FISCAL IMPACT:

Funding for the Smart Irrigation Program in the amount of \$200,000 is available in the Fiscal Year 2015/16 budget. Sufficient funding is available in the Smart Irrigation Direct Installation Program fund Account No. 6220200-457023. Funds to administer this program are available from Western Municipal Water District (WMWD) in a not to exceed amount of \$20,000. RPU will apply for reimbursement of funds for the installation of Weather Based Irrigation Controllers per Member Agency Administered Project Agreement number 75352 (Residential sites) and 66664 (Commercial sites).

Prepared by: Michael J. Bacich, Public Utilities Assistant General Manager
Customer Relations and Marketing

Approved by: Girish Balachandran, Public Utilities General Manager

Approved by: John A. Russo, City Manager

Approved as to form: Gary G. Geuss, City Attorney

Certifies availability
of funds: Laura Chavez-Nomura, Public Utilities Assistant General Manager/Finance

Attachment: Professional Consultant Services Agreement Valley Soil, Inc.