



Office of the City Manager

CONSENT CALENDAR

May 1, 2018

To: Honorable Mayor and Members of the City Council

From: Dee Williams-Ridley, City Manager

Submitted by: Scott Ferris, Director, Parks Recreation and Waterfront

Subject: Contract: Heritage Landscaping Company for City-Wide Irrigation Mangement System

RECOMMENDATION

Adopt a Resolution authorizing the City Manager or her designee to execute a contract and any amendments with Heritage Landscaping Company for a new city-wide irrigation management system in an amount not to exceed \$531,507 for the intial installation of the controllers, ten years of service support, and a ten year warranty.

FISCAL IMPACTS OF RECOMMENDATION

The \$531,507 cost is for the installation of the controllers, ten years of extended warranty, and ten years of weather data download and system support. All of these funds are currently available in the Measure T1 infrastructure bond program fund, (Fund 607). The CMS number is A46PD.

Table 1: City-Wide Irrigation Mangement System Cost Breakdown

Item	Cost	Fund Source
86 Controllers (Equipment)	\$178,904	607-5849-450-70-41
Sales Tax 9.25%	\$16,549	607-5849-450-70-41
Sub-Total	\$195,453	
Labor to Install/Program/ Documentation/Trainings/Bonding	\$121,600	607-5850-450-30-38
Sub-Total	\$317,053	
10 Year Extended Warranty	\$48,934	607-5850-450-30-38
10 Years of Weather Downloads (including Maintenance of Software & Technical Support)	\$165,520	607-5849-450-30-47
Total	\$531,507	

CURRENT SITUATION AND ITS EFFECTS

The City of Berkeley seeks to implement a smart water irrigation system at this time because of the importance of properly managing water conservation efforts and staff time. In November 2017, to prepare for a new contract for these services, the City conducted a competitive bidding process to solicit a new city-wide irrigation management system (Specification No. 18-11164-C). On January 4, 2018, the City received seven bids. Heritage Landscaping Company received the best score as the most responsible and responsive bidder. Therefore, staff recommends that a new contract be authorized.

BACKGROUND

The City of Berkeley Parks, Recreation and Waterfront Department (PRW) provides a wide range of recreation facilities, programs, classes, and events for Berkeley resident and non-resident community members. There are 52 parks including 15 sports fields, over nine miles of roadway islands, and 86 irrigation controllers that the City manages. Currently, the City has several types of irrigation controllers installed site-by-site and individually programmed. Each site has to be individually and manually programmed and monitored daily depending upon anticipated weather conditions. City Council approved this project when they approved the final lists of T1, phase 1 projects in 2017 (adopted June 27, 2017, Resolution No. 68,076-N.S.)

ENVIRONMENTAL SUSTAINABILITY

Section D.2 in chapter 3 of the City's Climate Action Plan seeks to promote tree planting, landscaping, and the creation of green and open space that is safe and attractive and that helps to restore natural processes with significant environmental benefits in the form of carbon dioxide absorption and oxygen production as well as storm water retention, and climate control. This services contract is an essential component in the proper maintenance of the City's numerous green and open spaces as water conservation become more important.

RATIONALE FOR RECOMMENDATION

The Parks, Recreation and Waterfront Department has evaluated the ongoing needs for proper water management through irrigation and has determined that Heritage Landscaping Company best meets the requirements as set out in the bid specification (18-11164-C). Additionally, a smart watering system will give the City the capability to report on data trends and to make adjustments to landscaping practices as necessary.

ALTERNATIVE ACTIONS CONSIDERED

Staff did not advance a recommendation to not replace all controllers because the desired impacts on staff time and water conservation would not be met.

CONTACT PERSON

Susan Ferrera, Parks Superintendent, 981-6667
Bruce Pratt, Senior Building Maintenance Supervisor, 981-6632

Attachments:

1: Resolution

RESOLUTION NO. ##,###-N.S.

CONTRACT: HERITAGE LANDSCAPING COMPANY FOR CITY-WIDE IRRIGATION
MANGEMENT SYSTEM

WHEREAS, the City of Berkeley Parks, Recreation and Waterfront Department (PRW) provides a wide range of recreation facilities, programs, classes, and events for Berkeley resident and non-resident community members. There are 52 parks including 15 sports fields, over nine miles of roadway islands, and 86 irrigation controllers that the City manages; and

WHEREAS, currently, the City has several types of irrigation controllers installed site-by-site and individually programmed. Each site has to be individually and manually programmed and monitored daily depending upon anticipated weather conditions; and

WHEREAS, the City of Berkeley seeks to implement a smart water irrigation system at this time because of the importance of properly managing water conservation efforts and staff time; and

WHEREAS, in November, 2017, to prepare for a new contract for these services, the City conducted a competitive bidding process to solicit a new city-wide irrigation management system (Specification No. 18-11164-C). On January 4, 2018, the City received seven bids. Heritage Landscaping Company received the best score as the most responsible and responsive bidder; and

WHEREAS, funding for this contract is available in the Measure T1 fund (Fund 607), and the contract has been entered into the City database with CMS No. A46PD.

NOW THEREFORE, BE IT RESOLVED by the Council of the City of Berkeley that the City Manager or her designee is hereby authorized to execute a contract with Heritage Landscaping Company for a new city-wide irrigation management system in an amount not to exceed \$531,507 for the intitial installation of the controllers, ten years of service support, and a ten year warranty.

