

COUNCIL RESOLUTION NO. _____

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CHULA VISTA APPROVING A CONSULTANT SERVICES AGREEMENT WITH DELORENZO INTERNATIONAL INC. FOR THE DEVELOPMENT OF A SCOPE OF WORK FOR A CITYWIDE SMART IRRIGATION SYSTEM

WHEREAS, City staff operates and maintains 498 acres currently comprising 65 parks as well as additional City-owned sites and locations that are controlled by City-maintained irrigation systems; and

WHEREAS, there are currently 6 different irrigation control systems and many of the irrigation control systems have failed and no longer have communication capability; and

WHEREAS, some sites are currently controlled via stand-alone irrigation controllers accessible on-site only, some sites currently are controlled by a central monitoring and control system only accessible via a single off-site computer, and some sites are controlled by several cloud-based monitoring and control systems accessible via any device capable of connecting to the internet; and

WHEREAS, the city intends to replace all the failed irrigation systems utilizing and transition all irrigation systems to Smart Irrigation systems as funding permits; and

WHEREAS, smart irrigation systems are capable of tailoring watering schedules and run times automatically to meet specific landscape needs; are cloud-based and operational from anywhere a device can connect to the internet; will connect to flow sensors that can detect leaks or excessive flow and automatically control a master valve to shut down and flag the user of the condition; operate on data-informed decisions and can report out water use and schedules in relation to weather conditions; and

WHEREAS, this project aligns with the following Smart City goals: Connected City, by upgrading all irrigation controls to cloud-based operations; Transparent City, by using data analytics to support irrigation demands and use; Innovative City, to enhance environmental sustainability by ensuring all irrigation systems have flow sensors to detect leaks and excessive flow, and master valves to allow for the controller to automatically shut-off the system, as well as having watering schedules and run times automatically updated to meet specific landscape needs; and

WHEREAS, City staff issued a Request for Proposal for a Citywide smart irrigation system, excluding open space districts; and

WHEREAS, the City received 2 responses from qualified landscape architect firms and after a thorough review of pricing, experience and planning, chose DeLorenzo International, Inc. to develop a scope of work for a citywide irrigation smart irrigation system; and

WHEREAS, the Citywide smart irrigation system consultant is a project within CIP #PRK0326 funded by Measure P from the Park Infrastructure line item in the Infrastructure, Facilities and Equipment Expenditure Plan.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Chula Vista, that it approves a consultant services agreement with DeLorenzo International, Inc. in the amount of \$230,000 for the development of a scope of work for a citywide smart irrigation system and authorizes the City Manager or designee to execute the agreement in substantially the form presented, with such minor modifications as the City Attorney may require or approve, a copy of which is on file in the office of the City Clerk.

Presented by

Approved as to form by

Tracy Lamb
Director of Community Services

Glen R. Googins
City Attorney