

RESOLUTION NO. _____

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CHULA VISTA APPROVING A \$900,000 DESIGN BUILD AGREEMENT BETWEEN THE CITY AND SYSTEMS INTEGRATED INC. FOR THE UPGRADE AND REPLACEMENT OF THE SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA) SYSTEM TO MONITOR PUMPS AT VARIOUS CITY FACILITIES (SW218 – REPLACE ALARM-WASTEWATER AND SW273 – SCADA SYSTEM PHASE II) AND AUTHORIZING THE APPROPRIATION OF \$50,000 OF LOCAL GOVERNMENT PARTNERSHIP FUNDS TO CAPITAL IMPROVEMENT PROJECT SW273 TO IMPLEMENT A PILOT BUILDING ENERGY MANAGEMENT AND MONITORING SYSTEM

WHEREAS, Supervisory Control and Data Acquisition (“SCADA”) systems are computer systems that gather information, such as where a failure on a pump has occurred, and transfer the information back to a central site, alerting the home station that the leak has occurred; and

WHEREAS, the City of Chula Vista (the “City”) first installed a SCADA system in 2004 to monitor pumps at various City facilities and the pools & pumps crews realized overtime savings of approximately 75-80% in the first year by being able to receive warnings and address issues before pump failures occurred; and

WHEREAS, an upgrade and replacement of the system is needed to meet the City's SCADA standards and to add new points in need of monitoring and the project is included in previously approved Capital Improvement Projects No. SW218 and No. SW273; and

WHEREAS, Public Works staff prepared specifications and advertised the project on March 18, 2013 and on May 21, 2013, the Director of Public Works received one bid; and

WHEREAS, the bid submitted by Systems Integrated Inc. is consistent with the Engineer’s estimate of \$800,000 and staff checked their references and received favorable comments and reviewed their bid and determined that the bid package is complete, with no errors or omissions; and

WHEREAS, there is \$50,000 in existing Local Government Partnership funds from San Diego Gas & Electric and the California Public Utilities Commission available to support a portion of the scope of work related to implementing a pilot building energy management and monitoring system.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Chula Vista, that it approves a \$900,000 design build agreement between the City and Systems

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Integrated Inc., in the form presented, with such minor modifications as may be required or approved by the City Attorney, a copy of which shall be kept on file in the Office of the City Clerk and authorizes and directs the Mayor to execute same.

BE IT FURTHER RESOLVED by the City Council of the City of Chula Vista, that it does hereby appropriate \$50,000 of local government partnership funds from the supplies & services expenditures category of Fund 28500 to capital improvement project SW273 (Master Project 26022730) to support a portion of the scope of work related to implementing a pilot building energy management and monitoring system.

Presented by

Approved as to form by

Richard A. Hopkins
Director of Public Works

Glen R. Googins
City Attorney