

RESOLUTION 2015-_____

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CHULA VISTA APPROVING AN AGREEMENT WITH SAN DIEGO MECHANICAL ENERGY IN THE AMOUNT OF \$62,128 TO UPGRADE THE CENTRAL PLANT CONTROLS AT THE POLICE HEADQUARTERS

WHEREAS, the Chula Vista Police Headquarters Heating, Ventilation and Air Conditioning system (HVAC) originally constructed in 2003 has been operating continuously (7/24) since its construction providing the facility with thermal comfort and data center cooling; and

WHEREAS, over the last 12 years it is estimated that the plant, air-handlers and, associated control systems are nearing over 100,000 hours of operation, many are reaching their end of life cycle and are in need of replacement or comprehensive maintenance; and

WHEREAS, in 2008, the City implemented an energy conservation measure (ECM) to lower the electrical usage and consumption of energy by the HVAC (chilled water plant and air-handlers) at PDHQ by installing a multi (2) compressor variable speed system which could modulate and adapt to changes in building load; and

WHEREAS, the ECM project did reduce energy consumption it lacked the integration of programs and communication between the existing Circon Building Automation System (BAS) and the proprietary TRAV and LOOP programs making it virtually impossible to make changes for proper operation and maintenance; and

WHEREAS, this project's scope of work includes the replacement of the chiller plant's (BAS) controllers, failed and failing variable speed pump drives, extensive comprehensive maintenance and service to both chillers; and

WHEREAS, a request for proposals was sent out to three (3) companies qualified to do the work and San Diego Mechanical Energy responded with the lowest comprehensive and best valued proposal; and

WHEREAS, Consultant warrants and represents that it is experienced and staffed in a manner such that it can deliver the services required of Consultant to City in accordance with the time frames and the terms and conditions of this Agreement.

NOW, THEREFORE BE IT RESOLVED the City Council of the City of Chula Vista; that it approves the agreement in the amount of \$62,128 with San Diego Mechanical Energy to upgrade the HVAC central plant controls at the Police Headquarters, 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 the same.

Presented by

Approved as to form by

Richard A. Hopkins
Director of Public Works

Glen R. Googins
City Attorney