

RESOLUTION NO. 1244

RESOLUTION OF THE BOARD OF PUBLIC UTILITIES APPROVING THE SOLE SOURCE SPECIFICATION FOR TESCO PROGRAMMABLE LOGIC CONTROLLERS AND SCHNEIDER ELECTRIC RADIO TELEMTRY SYSTEM FOR CONTROLLER AND RADIO UPGRADES AT WATER PUMP STATIONS AND SEWER LIFT STATIONS, CONTRACT NO. C02052

WHEREAS, the Water Department has determined that there is a need to upgrade the existing programmable logic controller (PLC) system at nineteen various Local Operation water pump and sewer lift station sites which exclusively use Tesco Controls, Inc. (Tesco) products; and

WHEREAS, the Water Department has also determined that there is a need to upgrade the existing radio telemetry system at forty-one various Local Operation facilities with the exclusive use of Schneider Electric radio telemetry products; and

WHEREAS, improvements to upgrade the existing PLC and radio telemetry systems will be completed under the Controller and Radio Upgrades at Water Pump Stations and Sewer Lift Stations, Contract No. C02052; and

WHEREAS, in accordance with California Public Contract Code Section 3400, when a specific brand or trade name product is called for in connection with the construction or repair of a public works project, the contract specification must be followed by the words “*or equal*” so that bidders may furnish any equal product or service unless the awarding authority makes a finding that allows a specific brand or trade name for a particular product or service in order to match other products in use on a particular public improvement either completed or in the course of completion; and

WHEREAS, Local Operation pump stations exclusively use Tesco PLC system products; and

WHEREAS, in order to match the PLCs in use at the various Local Operation water pump and sewer lift stations, it is necessary to specify only Tesco products and services in the contract specifications in order to maintain reliability and uniformity within the existing system; and

WHEREAS, in order to match the existing Local Operations radio telemetry system with the existing system in use within the Water Reuse Division, it is necessary to specify only Schneider Electric radio telemetry products and services in the contract specifications, which will maintain reliability and uniform compatibility with existing equipment and minimize operational impacts; and

WHEREAS, approving such a sole source specification will maintain overall reliability and uniform compatibility, and improve operational efficiency and effectiveness within the Division.

NOW, THEREFORE, BE IT RESOLVED that the Board of Public Utilities approves a sole source contract specification for:

A. Programmable Logic Controllers

1. Programmable Logic Unit - Tesco L3000 PLC System
2. Secure Control and Communication Module (processor) - Tesco Model L3000e
3. Universal Input / Output modules - Tesco L3000 Model HDIO
4. Power Supply Unit - Tesco Model L3000 PSU

B. Radio Frequency

1. Transceiver - Schneider Electric Trio QR-150 and QB-150

