

RESOLUTION NO. 2020-06

**AUTHORIZING A PURCHASE AGREEMENT WITH XiO, INC., FROM SAN RAFAEL, CA,
FOR HARDWARE AND EQUIPMENT TO COMPLETE THE SCADA REPLACEMENT
CAPITAL PROJECT IN THE AMOUNT OF \$249,511, PLUS 10% CONTINGENCY,
FOR A TOTAL PROJECT BUDGET IN THE AMOUNT OF \$275,000**

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MID-PENINSULA WATER DISTRICT

WHEREAS, the Mid-Peninsula Water District uses SCADA (Supervisory Control and Data Acquisition) to operate and monitor the water system; and

WHEREAS, a more than five-year old study of the current SCADA system indicated the need to upgrade hardware and software at an estimated cost of \$1.5 million; and

WHEREAS, XiO, Inc. has developed a user-friendly cloud-based SCADA system for water supply and distribution systems, sewer pump stations, and agricultural pumping systems used world-wide; and

WHEREAS, the XiO hardware is designed so that Mid-Peninsula Water District staff are able to install the hardware; staff can count on start-up support from XiO; and will normally only require a licensed electrician to assist with electrical connections; and

WHEREAS, the Mid-Peninsula Water District installed components of an XiO SCADA system at the Buckland and Exbourne Tank sites to test their efficacy as a SCADA solution and found the products to be trustworthy and reliable, and that XiO has provided very good customer and technical support; and

WHEREAS, the cost of the XiO, Inc. SCADA solution for the Mid-Peninsula Water District, including SCADA components already in use, will cost a little more than one-fifth of a traditional SCADA hardware and software upgrade; and

WHEREAS, XiO, Inc. has agreed to provide all of the remaining necessary SCADA components for the entire remaining Mid-Peninsula Water District water system for \$249,511.08 which is approximately \$21,000 reduced from the normal retail and shipping prices; and

WHEREAS, the Board Finance Committee during their discussion and support of an updated capital improvement plan and source of funding plan also concurred with staff to move forward with the XiO SCADA proposal dated April 10, 2020 to recommend purchase of the XiO, Inc. SCADA hardware.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of the Mid-Peninsula Water District authorizes the purchase of SCADA hardware and equipment from the XiO, Inc. of San Rafael, CA in the amount of \$249,511.

BE IF FURTHER RESOLVED that the Board of Directors of the Mid-Peninsula Water District authorizes a 10% contingency for a total project budget in the amount of \$275,000.

REGULARLY PASSED AND ADOPTED this 23rd day of April 2020.

AYES: *Director Vello, Schmidt, Wheeler, Warden, Zucca*

NOES: *Ø*

ABSTENTIONS: *Ø*

ABSENCES: *Ø*

Matthew Zucca

PRESIDENT

ATTEST:

Candace R. Pina

BOARD SECRETARY