

CITY OF SANTA ROSA  
BOARD OF PUBLIC UTILITIES

TO: BOARD OF PUBLIC UTILITIES  
FROM: JENNIFER BURKE, INTERIM DIRECTOR, WATER  
TERRY SCHIMMEL, UTILITIES MECHANICAL  
SUPERINTENDENT, WATER  
SUBJECT: BRANDALYN TRAMEL, PURCHASING AGENT, FINANCE  
WAIVER OF COMPETITIVE PROCESS AND SOLE SOURCE  
AWARD FOR BLANKET PURCHASE OF AQUA SCREEN PARTS  
AND SPECIALTY LABOR

AGENDA ACTION: RESOLUTION

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RECOMMENDATION

It is recommended by the Water and Finance Departments that the Board of Public Utilities, by resolution, waive the competitive process and authorize award of a sole source Blanket Purchase Order (BPO) for furnishing parts as necessary to repair two (2) Andritz Aqua-screen finescreens and specialty labor necessary to evaluate the system and identify parts required for the repair, to TW Associates, Inc. dba MISCOwater, Foothill Ranch, California, in an amount not to exceed \$750,000.

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EXECUTIVE SUMMARY

All replacement parts required to repair the Aqua-Screens at the Laguna Wastewater Treatment Plant are proprietary to Andritz Separation, Inc. and TW Associates, Inc. dba MISCOwater is the sole factory representative of Andritz Separation, Inc.

BACKGROUND

The City of Santa Rosa currently owns and operates a headworks that is critically responsible for providing preliminary treatment to incoming raw sewage from a regional collection system at the Laguna Wastewater Treatment Plant. The headworks process is principally comprised of four (4) Andritz Aqua-screen finescreens residing in four (4) individual channels. In June 2018, a visual inspection of the screens was performed by an Andritz aftermarket technician. The 2018 inspection indicated that while City staff have strictly followed preventive maintenance protocol, all four (4) screens were in need of additional specialty maintenance.

In preparation for and to ensure parts were on-hand in the event of an equipment failure prior to maintenance activities, the City elected to pre-purchase nearly all of the parts for the maintenance of the screens. On November 1, 2018, the BPU approved and awarded a sole source Purchase Order (PO) with Andritz for the parts in an amount not to exceed \$132,041.55.

Given the nature of the complex maintenance procedures, the City requested a proposal from MISCOWater to complete the maintenance work. On May 16, 2019, the BPU approved a PO with MISCOWater for furnishing additional parts and providing the specialty labor necessary to complete the maintenance on the four screens in an amount not to exceed \$319,125.00. Maintenance on the screens was scheduled to commence May 20, 2019.

On May 1, 2019, the Southeast Headworks Screen experienced a catastrophic failure leaving it unable to function. A visual inspection was performed by Andritz on May 6, 2019 and it was determined that the chain failed causing damage to many of the perforated plate sections as well as the side seals on each plate. On May 14, 2019, the Northwest Headworks Screen experienced a similar failure causing similar damage. After the second failure, the remaining two screens were taken offline to prevent additional failures and subsequent damage.

The extent of the damage and the required repairs needed on the failed screens is unknown at this time. Approval of this BPO will provide staff a contracting mechanism to have MISCOWater provide specialty labor to complete a thorough inspection of the equipment, provide a detailed list of the parts that need replacement, and allow staff to order the required replacement parts in advance of the repairs. The parts have an estimated lead-time of up to 12 weeks and this purchase will ensure that the parts are on-hand when the contract for the repairs is in place.

It is anticipated that the repair of the screens will be completed by MISCOWater under a separate public works contract which will require waiver of competitive bidding. Staff will prepare the contract for repair and request approval once the scope of the repair is better defined. The maintenance of the undamaged screens will proceed as originally planned under the May 16, 2019 purchase order.

Until the undamaged finescreens can be maintained and the damaged finescreens can be repaired, operations staff are utilizing the two, backup bar screens to remove large debris. The bar screens, which are available for emergency use as a short-term alternative to the finescreens, require labor intensive manual cleaning and do not provide sufficient debris removal to protect the downstream equipment and process. These coarse screens do not have sufficient capacity to manage winter storm flows and cannot be relied upon for an extended period. This maintenance and repair of the screens need to happen as soon as possible in order to protect the treatment plant staff, equipment, and process.

## PRIOR BOARD OF PUBLIC UTILITIES REVIEW

On November 1, 2018, the BPU awarded a sole source PO to Andritz Separation, Inc., Dallas, Texas, for the purchase of Aqua-screen parts in an amount not to exceed \$132,041.55.

On May 16, 2019, the BPU awarded a sole source PO with MISCOwater for furnishing additional parts and providing the specialty labor necessary to complete the maintenance on the four Aqua-screens in an amount not to exceed \$319,125.00.

## ANALYSIS

As Andritz's sole factory representative in Northern California, MISCOwater is proposing to provide the specialty inspection necessary to scope the extent of the needed repairs and furnish the required parts so that the City may continue to operate its headworks process at the Laguna Treatment Facility.

TW Associates, Inc., dba MISCOwater, will submit a fixed-price proposal for the standard parts as well as a fixed-price for hourly labor. The Water Department has determined it is in the City's best interest to award a sole source blanket purchase order to TW Associates, Inc., dba MISCOwater in the amount not to exceed \$750,000 so that the City will be sure to have the parts on hand necessary to make the repair before the 2019-20 rainy season begins on October 15, 2019.

## FISCAL IMPACT

Funds required for this expense have been appropriated in the fiscal year 2018-19 adopted budget of the Water Department.

## ENVIRONMENTAL IMPACT

This action is exempt from the California Environmental Quality Act (CEQA) because it is not a project which has a potential for resulting in either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment, pursuant to CEQA Guideline section 15378.

## BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

Not Applicable.

## ATTACHMENTS

- Attachment 1 – Resolution

## CONTACT

Jennifer Burke  
Interim Director, Water Department, [jburke@srcity.org](mailto:jburke@srcity.org), 707-543-3960

Terry Schimmel,  
Mechanical Superintendent, Water Department, [tschimmel@srcity.org](mailto:tschimmel@srcity.org), 707-543-3479

Brandalyn Tramel,  
Purchasing Agent, Finance Department, [btramel@srcity.org](mailto:btramel@srcity.org), 707-543-3706