



SUMMARY REPORT

Agenda Date: 11/19/2019

To: Board of Directors, Sonoma County Water Agency
Department or Agency Name(s): Sonoma County Water Agency
Staff Name and Phone Number: Anjenette Hayre /521-1830
Vote Requirement: Majority
Supervisory District(s): Fourth

Title:

Airport Treatment Plant Control System Improvements

Recommended Action:

In an ongoing effort to improve and maintain plant processes and ensure control system reliability and resilience:

Authorize Sonoma County Water Agency's General Manager to execute an agreement with North Point Technology, LLC, for control system integration and programming improvement services at Sonoma Water's Airport-Larkfield-Wikiup Sanitation Zone Wastewater Treatment Plant through December 30, 2022, in the not-to-exceed amount of \$500,000.

Executive Summary:

This item requests authority for Sonoma Water's General Manager to execute an agreement with North Point Technology, LLC, for control system integration and programming improvement services at Sonoma Water's Airport-Larkfield-Wikiup Treatment Plant. The existing System is obsolete and must be replaced with a modernized System that meets Sonoma Water's and industry standards and can comply with current State and Regional Water Quality Control Board regulatory requirements.

Discussion:

HISTORY OF ITEM/BACKGROUND

Sonoma County Water Agency (Sonoma Water) owns, operates, and maintains a control system (System) at Sonoma Water's Airport-Larkfield-Wikiup Sanitation Treatment Plant (Treatment Plant). The existing Treatment Plant was constructed in several phases beginning in the early 1980s on the site used for wastewater treatment by the Sonoma County Department of Transportation and Public works, which began in the 1940s. The fourth phase, completed in 2002, added a microfiltration process involving membrane technology with a capacity of up to three million gallons per day. The technology and electronics used for the microfiltration process have become obsolete and need to be replaced.

SELECTION PROCESS

On December 19, 2018, Sonoma Water issued a Request for Statements of Qualifications to the following three firms:

1. North Point Technology, LLC, Johnson City, NY
2. Pall Corporation Technology Services, Cortland, NY
3. Tesco Controls, Inc., Sacramento, CA

The Request for Statements of Qualifications was also posted on the Sonoma Water and County of Sonoma Purchasing Department websites.

The three firms listed below submitted Statements of Qualifications.

1. Glenmount Global, Napa, CA
2. North Point Technology, LLC
3. Tesco Controls, Inc.

The following criteria were used to evaluate each firm:

- 1) Thoroughness of Statements of Qualifications
- 2) Professional qualifications and demonstrated ability to perform the work
- 3) Exceptions to standard terms in the sample agreement
- 4) Local Service Provider Preference

North Point Technology, LLC, (Consultant) was selected to perform the work because Consultant is a qualified and licensed engineering firm experienced in assessing and upgrading wastewater microfiltration systems, integrating control systems, and programming programmable logic controls and Supervisory Control and Acquisition Data Systems that are used to remotely monitor plant processes. In addition, Consultant has worked at the Treatment Plant and is familiar with the facility and its existing Pall filtration system and has experience upgrading control systems to the Archestra system platform. An Archestra system platform is a highly secure development and deployment programmed system environment that can be configured to control computer system access and user rights.

Sonoma Water may seek to amend or enter into subsequent agreement(s) with Board approval if required, relying upon this competitive selection process, after the initial work is completed.

SERVICES TO BE PERFORMED

Under the proposed agreement, Consultant will purchase, install, wire, and program a new System at Sonoma Water's Treatment Plant. Programming will include process upgrades and services in compliance with regulatory requirements.

The Airport-Larkfield-Wikiup Sanitation Zone budgeted \$150,000 in fiscal year 2019/2020 and is proposing to roll forward \$200,000 in unspent Fiscal Year 2018/2019 funds. The cost of services will not exceed \$350,000 in fiscal year 2019-2020 and \$150,000 in fiscal year 2020/2021. The total agreement amount is \$500,000. The term end date is December 30, 2022.

The agreement includes two options for Sonoma Water to extend this agreement for a period of one year each by providing written notice to Consultant thirty days in advance of the expiration date of the agreement and of the first extension option.

Prior Board Actions:

None

FISCAL SUMMARY

Agenda Date: 11/19/2019

Expenditures	FY 19-20 Adopted	FY20-21 Projected	FY 21-22 Projected
Budgeted Expenses	150,000	\$150,000	
Additional Appropriation Requested	\$200,000		
Total Expenditures	\$350,000	\$150,000	
Funding Sources			
General Fund/WA GF			
State/Federal			
Fees/Other	\$350,000	\$150,000	
Use of Fund Balance			
Contingencies			
Total Sources	\$350,000	\$150,000	

Narrative Explanation of Fiscal Impacts:

Budgeted amount of \$150,000 is available from FY 2019-2020 appropriations for the Airport-Larkfield-Wikiup Sanitation Zone Construction Fund. For the agreement to be encumbered in year one, unused appropriations of \$200,000 budgeted in FY 2018-2019 will be included in the FY 2019-2020 first quarter consolidated budget adjustments for the Airport-Larkfield-Wikiup Sanitation Zone Construction Fund. FY 2020-2021 appropriations will be budgeted in that fiscal year.

Staffing Impacts:			
Position Title (Payroll Classification)	Monthly Salary Range (A-I Step)	Additions (Number)	Deletions (Number)

Narrative Explanation of Staffing Impacts (If Required):

N/A

Attachments:

Agreement with North Point Technology, LLC

Related Items "On File" with the Clerk of the Board:

None