



Meeting Date: August 31, 2023 **Agenda Type:** Consent Items for Action

From: Justin Stroupe **Reviewed by:** Greg Brown
Systems Control Manager Chief Technology Officer

Submitted by: Justin Stroupe **Approved by:** Ryan Kelso
Systems Control Manager Interim Chief Executive Officer

RECOMMENDED ACTION: Authorize Interim CEO or His Designee to Negotiate and Execute a Professional Services Agreement with Signature Automation, LLC. for the Water and Wastewater Supervisory Control and Data Acquisition (SCADA) Human Machine Interface Integration

BACKGROUND

The Supervisory Control and Data Acquisition (“SCADA”) system was installed over ten years ago to monitor and control the water and wastewater infrastructure. As NBU’s water and wastewater systems continue to grow, it has become evident that the existing SCADA system is insufficient to meet the utility's long term needs and requires replacement. The Professional Services Agreement (the “Agreement”) with Signature Automation, LLC (“Signature”) provides services (the “Services”) to include (i) labor, material, and equipment necessary to develop SCADA system project management services for the design and integration to the new Ignition Human Machine Interface (ii) the development of Programmable Logic Controller Standards; (iii) Add On Instruction; (iv) and complete a panel build and installation for the Country Hills Pump Station which will be known as the SCADA Improvements Project (the “Project”). The project is anticipated to provide a more modern, secure, and scalable SCADA system. The scheduled date for the system to be replaced is May 2025.

NBU staff requests that the Board of Trustees approve the Agreement with Signature for the Project. .

This item is being presented to the Board because the total amount of this contract exceeds \$250,000.

FINANCIAL IMPACT

The total contract amount for the Professional Services Agreement with Signature Automation, LLC. is \$1,910,230. The capital budget for the project was approved in fiscal year 2021 by the NBU Board.

LINK TO STRATEGIC PLAN

Customers and Community

Stewardship

Safety and Security

EXHIBITS

1. Professional Services Agreement with Signature
2. Replacement Schedule