Weatherford Municipal Utility Board

AGENDA REPORT

Meeting Date:	April 24, 2025	**Staff Contact:**	Rick Shaffer, Director of Water Utilities
Item Number:	2023-524-AR	**Phone:**	817-598-4473

SUBJECT: Consider authorizing the procurement of on-call SCADA programming services from North Point Technology LLC, in an amount not to exceed $25,000, for a total aggregate fiscal year expenditure amount not to exceed $185,000.

BACKGROUND/DISCUSSION

In the late 1990's, the Water Utility developed a Supervisory Control and Data Acquisition ("SCADA") system. SCADA provides utility staff the ability to remotely control and monitor the water purification plant, water reclamation facility, water pump stations, water tanks and wastewater lift stations. Two major components of any SCADA system include the Human Machine Interface ("HMI") and the Programmable Logic Controllers ("PLC").

The Water Utility relies on consultants to support city staff when responding to intermittent failures that affect operations and/or upgrades - particularly with HMI or PLC devices. This is accomplished through the provision of on-call services. These tasks, although small, are meant to supplement Water Utility staffs' capabilities and benefit from a SCADA consultant's expertise. Individual tasks/services are generally below $10,000, however, cumulatively they can exceed $50,000.

North Point Technology, LLC ("North Point"), is one of the consultants that have completed several SCADA upgrade projects for the City, including projects at the Water Purification Plant and Water Reclamation Facility. In January 2025, the Municipal Utility Board ("Board") approved a contract, in the amount of $120,000, to upgrade the SCADA HMI platform at the Water Purification Plant. North Point also provides emergency and on-call SCADA support services for the Water Utility.

Additionally, the City of Weatherford is unable to purchase certain software licenses directly, and must utilize certain vendors to acquire the necessary licenses. Once purchased, those licenses are managed and maintained by the City's IT Department. In FY2025, the Water Utility has purchased licenses for system upgrades at the Water Purification Plant and across the wastewater collection system, in the amount of $34,020. These licenses allow Water Utility staff, IT Dept staff, and our consultants, to communicate with and program the PLC hardware used in the City's SCADA system.

This request is to authorize the expenditure of funds for FY25.

FINANCIAL IMPACT

These services will be funded with currently available funds from the FY25 Operating Budget.

SUGGESTED ACTION

Staff recommends the Municipal Utility Board authorize the procurement of on-call SCADA programming services from North Point Technology LLC, in an amount not to exceed $25,000, for a total aggregate fiscal year expenditure amount not to exceed $185,000.

ATTACHMENTS

- Contract Proposal