



SOLE SOURCE PURCHASE REPORT (SSP2025-009-REV1)

To: Purchasing Officer

From: Jon Ebia

Date: 7/10/2025

1. Name and address and contact information of supplier:

Wunderlich-Malec
8804 Washington St. NE Suite B
Albuquerque, NM 87713

POC: Sebastian Rabo
email: Sebastian.rabo@wmeng.com
Tel: (505)-856-6600 ext. 102
Cell: (505)-991-3017

2. Goods and/or services to be purchased:

The services and goods to be purchased include:

- Purchase of Rockwell Automation hardware related to the ControlNet and PLC Upgrades at SWTP
- Modification to existing PLC programs to accomplish the modifications to PLC peer to peer communications
- Modifications to existing PLC programs to upgrade PLCs to latest hardware version.
- System testing, training, and documentation.
- Parts added, Cisco managed Switch (IE-3400-8T2S-E), Quantity 11
- Parts added, Cisco Ruggedized Multi-Mode SFP (GLC-SX-MM-RGD), Quantity 24

3. Estimated total dollar amount of expenditures pursuant to this request: \$49,805.33 w/o NMGR (T) (\$53,602.99 with NMGR (T))

4. Term for which goods and/or services will be purchased pursuant to this request (mark only the option which applies):

- a. ☒ 24 Years/Months/Weeks/Days (circle one)
- b. ☐ This is a one-time sole source purchase, to be completed within the next fiscal year.

5. Identify the specific circumstances that require a sole source purchase of the goods and/or services requested:

a. Brief description of the purpose of the goods or services to be purchased:

The existing control system at the Surface Water Treatment Plant (SWTP) is operating with aging technology associated with the peer-to-peer communications between Programmable Logic Controllers. The existing system, referred to as ControlNet, has been subject to frequent failures over the last 12 months and requires replacement. The overall SCADA Master Plan included provisions for the replacement of the ControlNet system with a modern Ethernet based peer-to-peer network. The purchase of these goods and services will directly improve the reliability of the SWTP.

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b. Reasons for need of goods and/or services from the specific supplier. Any one reason, by itself, does not necessarily justify a sole source purchase (mark all that apply):

i. ☒ A diligent inquiry failed to identify any source for the same or similar goods and/or services that will substantially accomplish the same or similar functions to those provided by the source identified above. If so, identify which of the following steps were taken to establish a good-faith review of available alternative sources and provide written justification verifying the actions below were taken (mark all that apply):

1. ☒ Contacted various suppliers of similar goods to discuss alternative options;
2. ☒ Performed product research for potential alternative sources;
3. ☒ Consulted with subject matter experts to identify potential alternative sources;
4. ☒ Other (specifically describe any actions taken, attach additional sheets if necessary):

The services associated with this work are a continuation of the services being provided under the ABCWUA Collections and Stormwater PLC Upgrade project. A structured proposal, evaluation and selection process was used to select Wunderlich Malec as the most qualified System Integrator to supply and implement this system.

The evaluation included the use of a formal Request for Proposal (RFP), developed by the Water Authority's SCADA Consultant, EMA, Inc. The Water Authority received 3 proposals from qualified System Integration firms, all of which were responsive to the RFP requirements. The 3 responses were reviewed by an independent selection committee and Wunderlich Malec was selected as providing the best value to ABCWUA.

(Inability to locate other sources via internet search will not suffice as acceptable due diligence.)

ii. ☐ The goods and/or services offered are unique or proprietary in form, fit, and function. If so, describe the unique or proprietary qualities of the goods and/or services; if available, provide documentation of their unique or proprietary nature, e.g. evidence of patent/copyright/secret processes/limited rights in data (attach additional sheets if necessary):

iii. ☒ Use of goods and/or services from sources other than an Original Equipment Manufacturer will require substantial modification to equipment or systems currently in use, resulting in substantial duplication in cost to the Water Authority that is not expected to be recovered through competition and/or unacceptable delays in fulfilling the Water Authority's requirements. If so, describe the modifications, potential costs, and/or delays associated with making substitute goods and/or services compatible with current equipment or systems (attach additional sheets if necessary):

The hardware platform in use at SWTP is the Water Authority standard. There are no alternatives to provide the peer-to-peer communications within the Water Authority Standards. Deviating from this standard would require significant modifications to the SWTP control system, impacting operations and requiring higher maintenance costs for the system. This deviation would also require a major redesign, potentially delaying the project by up to a year and compelling the Water Authority to continue operating a system prone to frequent failures, which could result in multiple plant shutdowns.

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- iv. ☒ The procurement requires a specific supplier of goods or services. If so, identify one or more of the following reasons and provide written justification verifying that the statement below is true:

1. ☐ Limited availability of goods or services;
2. ☒ Proven quality, accuracy, and/or dependability;
3. ☐ Compatibility considerations;
4. ☐ Safety considerations;
5. ☐ Warranty issues or guarantee of parts performance;
6. ☐ During the system design process, several alternatives were evaluated and the current proprietary process was selected;
7. ☐ Other (specifically describe any other reasons, attach additional sheets if necessary):

See Item 5.b.i above describing the selection process.

Wunderlich Malec is very familiar with the Water Authority hardware and PLC programming standards. Their work on the Collections and Stormwater PLC replacement project has been excellent quality. Additionally, Wunderlich Malec has worked closely with the Water Authority team in troubleshooting and repair of the ControlNet system at SWTP that caused a 12-day outage in April 2025, giving them excellent knowledge of the existing systems, which will directly benefit this work.

- v. ☐ The goods and/or services cannot be purchased by the Water Authority from any other supplier, e.g. the supplier has a protected territory established by the original producer of the goods or services. If so, attach written documentation from the original producer verifying the availability of sources for goods and/or services.

6. Describe the reasons the purchase is in the public's interest (attach additional sheets if necessary):

A reliable plant control system for SWTP is critical for plant operations. The aging ControlNet hardware requires replacement to sustain a reliable control system. The specified hardware and associated programming work are aligned with the Water Authority's SCADA master plan, whose goal is to implement a consistent, highly reliable enterprise-wide SCADA system.

Recent failures in the ControlNet system at SWTP have resulted in extended outages at the plant, where the SWTP cannot produce potable water. Given the permit limitations in place for the SWTP, it is critical that the plant be operational during periods where surface water is available for treatment. The replacement of the ControlNet hardware with modern Ethernet based hardware will restore the needed reliability of the plant control system at SWTP. Using a firm other than Wunderlich Malec for this project would extend the timeline and increase risks and costs due to their unfamiliarity with the plant's ControlNet networks and Water Authority standards.

7. Attach negotiated cost or fee schedule, as applicable, along with evidence confirming that the price is most advantageous to the Water Authority.

The attached negotiated cost, as reflected on the bid schedule, provides the most advantageous price to the Water Authority. The costs are in-line with other cost proposals for similar work for the Water Authority, and the costs align with the construction cost estimate provided by the design consultant, EMA, Inc.

Requirement:

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At least fifteen days before a sole source contract is awarded, the Central Purchasing Office shall post this notice of intent to award any sole source contracts for goods, services, or construction, on its website.

Any qualified potential contractor may protest an intent to award a sole source procurement to the Central Purchasing Office. The protest shall be submitted in writing within fifteen calendar days of the notice of intent to award a contract being posted by the Central Purchasing Office.

The signature below certifies that this justification is accurate and complete to the best knowledge and belief of the individuals signing:

Requestor's Signature:

Title: Chief Engineer

Date

Signature Acknowledgement from the Division Manager:

Division Manager

Date

Review and Verification by Purchasing Officer:

Purchasing Officer

Date