



**Title:** Authorization to Renew GIS and WISKI Maintenance and License Agreements

**Resolution number:** 24-019

**Prepared by:** Name: Alex Steele  
Phone: 952-641-4581  
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**Recommended action:** Staff seeks Board’s approval to renew GIS and WISKI software licenses and maintenance

**Schedule:** Date: 4/27/2024 to 4/26/2025 – GIS license and maintenance agreement term  
Date: 5/1/2024 to 4/30/2025 – WISKI license and maintenance agreement term

**Budget considerations:** Fund name and code: 1-1003-4250 (IT – Dues and Subscriptions)  
Fund budget: \$98,000.00  
Expenditures to date: \$1,506.71  
Requested amount of funding: \$32,239.10

**Past Board action:** Res # 22-017 Title: Authorization to Renew GIS and WISKI Maintenance Agreements and Licenses  
Res # 23-016 Title: Authorization to Renew GIS and WISKI Maintenance Agreements and Licenses

**Summary:**

The 2017 Strategic Alignment Plan prioritized investment in IT to more effectively implement high impact capital projects and influence policy through deep insights of natural and built environments. These insights are derived from innovative data analysis, possible only through a system of closely connected technology solutions.

Born from this 2017 directive, the District developed a Strategic IT Plan, and is currently executing that plan through the evaluation, selection, implementation, and build-out of technology solutions. The Strategic IT Plan seeks to advance the Minnehaha Creek Watershed District’s (District) ability to leverage data in order to drive decision making. As a result, the District will efficiently capture information that passes through the organization, analyze that information to derive deeper understanding, and to enhance interactions with partners and the public.

In 2019 and 2020, as part of this initiative, the Board approved the purchase and acquisition of a new platform for GIS, and a module to enhance the accessibility of the District’s existing water quality database, WISKI.

Annual costs for these platforms include user license renewals, which are required to leverage various levels of functionality within the software. User licenses provide data access and modification rights, advanced toolsets for analysis, and system administration tools.

Annual costs also include maintenance, which provides benefits that allow the District to maintain its technology investments by keeping software updated, secure and stable. These benefits include access to new features, technical support and new training materials.

Geographic Information Systems (GIS)

In 2019, the District acquired ESRI ArcGIS software to harness, analyze and share spatial data. GIS serves as the central hub through which spatial data is accessed across the organization. GIS provides tools for advanced data analysis to increase understanding of the natural and built environments. GIS is a platform that enhances communication with external partners and the public.

MCWD’s current GIS maintenance and licenses include:

- *ArcGIS Online* – 2 user licenses to share data, maps and applications with the public securely
- *ArcGIS Desktop* – 2 licenses, basic and advanced – software utilized for spatial data creation, advanced analysis, map output. The Basic license provides functionality suitable for most GIS tasks, while the advanced license provides functionality need to administer the platform and central spatial database.
- *ArcGIS 3D Analyst* – toolset for ArcGIS Desktop providing functionality to leverage and analyze 3D spatial data, such as LiDAR.
- *ArcGIS Spatial Analyst* – toolset for ArcGIS Desktop providing functionality to leverage continuous data, such as digital elevation models.
- *ArcGIS Enterprise* – the core platform, including the centralized spatial database, giving users access to GIS data, maps and applications through a web browser.
- *ArcGIS Enterprise Creator* – 3 user licenses providing tools, applications and functionality needed to create, share and deploy maps and applications.
- *ArcGIS Enterprise Field Worker* – 10 user licenses providing tools, applications and functionality needed to collect and edit data in the field.

2024 GIS maintenance and license costs have increased approximately 10% compared to 2023, which follows price increase trends seen across the technology sector over the past year. The quote for 2024 maintenance and license renewal for ArcGIS Enterprise, ArcGIS Desktop and ArcGIS Online is summarized in the table below:

| <b>Software License</b>             | <b>Maintenance Term</b> | <b>Total Cost</b>  |
|-------------------------------------|-------------------------|--------------------|
| ArcGIS Online (2)                   | 4/27/2024 to 4/26/2025  | \$1,088.00         |
| ArcGIS Desktop Advanced             | 4/27/2024 to 4/26/2025  | \$3,333.00         |
| ArcGIS Desktop Basic                | 4/27/2024 to 4/26/2025  | \$778.00           |
| ArcGIS 3D Analyst                   | 4/27/2024 to 4/26/2025  | \$556.00           |
| ArcGIS Spatial Analyst              | 4/27/2024 to 4/26/2025  | \$556.00           |
| ArcGIS Enterprise Standard          | 4/27/2024 to 4/26/2025  | \$5,555.00         |
| ArcGIS Enterprise Creator (3)       | 4/27/2024 to 4/26/2025  | \$1,632.00         |
| ArcGIS Enterprise Field Worker (10) | 4/27/2024 to 4/26/2025  | \$3,810.00         |
| <b>Total</b>                        |                         | <b>\$17,308.00</b> |

WISKI

In 2015, MCWD invested in Kisters WISKI database system to store Research and Monitoring’s field collected data. The District also invested in a number of modules that extend the functionality of WISKI, such as KiECO, which provides tools for storing biological data. In 2020, as part of the strategic IT update, the District acquired the KiWIS module that provides wider access to data stored in WISKI for use in other platforms and applications, such as the website or GIS.

MCWD’s current Kisters WISKI database and module maintenance and licenses include:

- *WISKI Annual Maintenance* - the core platform that supports the database
- *WISKI User Licenses* - 4 user licenses for the Kisters WISKI database platform
- *KiWQM Annual Maintenance* - water quality module, supports the water quality database
- *KiWIS Annual Maintenance* - database connection module, supports GIS integration of R&M’s water quality, hydrology, and biology data

2024 WISKI maintenance and license costs have increased approximately 3% compared to 2023. The quote for 2024 maintenance and license renewal for WISKI, KiWQM and KiWIS is summarized in the table below:

| <i>Software License</i>         | <i>Maintenance Term</i> | <i>Total Cost</i>  |
|---------------------------------|-------------------------|--------------------|
| WISKI Annual Maintenance        | 5/1/2024 to 4/30/2025   | \$3,597.51         |
| WISKI User Licenses (4)         | 5/1/2024 to 4/30/2025   | \$7,196.08         |
| KiWQM Module Annual Maintenance | 5/1/2024 to 4/30/2025   | \$1,367.50         |
| KiWIS Annual Maintenance        | 5/1/2024 to 4/30/2025   | \$2,770.01         |
| <b>Total</b>                    |                         | <b>\$14,931.10</b> |

**Supporting documents (list attachments):**

1. Quote from ESRI for annual GIS software licenses and maintenance
2. Quote from Kisters North America for annual WISKI software licenses and maintenance



**RESOLUTION**

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- WHEREAS, in February of 2017 the Minnehaha Creek Watershed District (District) adopted a strategic plan to achieve its mission of protecting and improving land and water by building green infrastructure, and changing local, regional and state policy to further integrate land and water planning; and
- WHEREAS, a critical component in operationalizing this strategy is the effective deployment of technology; and
- WHEREAS, in pursuit of investing in technology to enhance the District’s work, a detailed review and selection of GIS software licenses, and WISKI software licenses was conducted; and
- WHEREAS, on October 24, 2019 the Board approved the purchase of ArcGIS Enterprise and Desktop software; and
- WHEREAS, on April 9, 2020 the Board approved the renewal of existing WISKI and GIS software licenses and maintenance, and the purchase of an additional module to extend the functionality of the District’s WISKI database; and
- WHEREAS, license and maintenance renewal is critical to sustain the District’s technology investments by extending benefits like technical support, training, and access to updated software; and
- WHEREAS, a quote for GIS license renewal and maintenance was obtained from Environmental Systems Research Institute (ESRI); and
- WHEREAS, the cost of GIS license renewal and maintenance through April 26, 2025 is \$17,308.00; and
- WHEREAS, a quote for WISKI license renewal and maintenance was obtained from Kisters North America; and
- WHEREAS, the cost of WISKI license renewal and maintenance through April 30, 2025 is \$14,931.10;

NOW, THEREFORE, BE IT RESOLVED that the Minnehaha Creek Watershed District Board of Managers hereby authorizes the renewal of GIS software maintenance and licenses for an amount of \$17,308.00.

AND, NOW THEREFORE, BE FURTHER RESOLVED that the Minnehaha Creek Watershed District Board of Managers hereby authorizes the renewal of WISKI software maintenance and licenses for an amount of \$14,931.10.

Resolution Number 24-019 was moved by Manager \_\_\_\_\_, seconded by Manager \_\_\_\_\_. Motion to adopt the resolution \_\_\_ ayes, \_\_\_ nays, \_\_\_ abstentions. Date: 4/11/2024

\_\_\_\_\_  
 Secretary Date: \_\_\_\_\_



# Quotation

**Date:** 01/27/2024

**Quotation Number:** 26193288

**Contract Number:** 31574.0

Minnehaha Creek Watershed District  
 15320 Minnetonka Blvd  
 Minnetonka MN 55345-1511  
**Attn:** Alex Steele

**Phone:** 952-471-0590  
**Customer Number:** 137144

For questions regarding this document, please contact Customer Service at 888-377-4575.

**Send Purchase Orders To:**  
 Environmental Systems Research Institute, Inc.  
 380 New York Street  
 Redlands, CA 92373-8100  
 Attn: Francisco L Mejia  
**Please include the following remittance address on your Purchase Order:**  
 Environmental Systems Research Institute, Inc.  
 P.O. Box 741076  
 Los Angeles, CA 90074-1076

| Item | Qty | Material#  | Unit Price | Extended Price |
|------|-----|--|------------|----------------|
| 10   | 1   | 52384<br>ArcGIS Desktop Advanced Concurrent Use Primary Maintenance<br>Start Date: 04/27/2024<br>End Date: 04/26/2025<br>Subscription ID: 1241842777 | 3,333.00   | 3,333.00       |
| 1010 | 1   | 87194<br>ArcGIS Desktop Basic Concurrent Use Primary Maintenance<br>Start Date: 04/27/2024<br>End Date: 04/26/2025<br>Subscription ID: 1241842777    | 778.00     | 778.00         |
| 2010 | 1   | 87232<br>ArcGIS Spatial Analyst for Desktop Concurrent Use Primary Maintenance<br>Start Date: 04/27/2024<br>End Date: 04/26/2025                     | 556.00     | 556.00         |
| 3010 | 1   | 87198<br>ArcGIS 3D Analyst for Desktop Concurrent Use Primary Maintenance  | 556.00     | 556.00         |

Please note Esri has introduced a price change and this quote reflects current pricing for your organization. It is important to us that we are able to continue to deliver value through enhancements to products, solutions, and capabilities.

Your renewal provides access to all the benefits you are familiar with, which you can review at <https://go.esri.com/maintenance>  
 For questions related to the price change, please reach out to your assigned Esri Account Manager.

**Quotation is valid for 90 days from document date.**

Any estimated sales and/or use tax has been calculated as of the date of this quotation and is merely provided as a convenience for your organization's budgetary purposes. Esri reserves the right to adjust and collect sales and/or use tax at the actual date of invoicing. If your organization is tax exempt or pays state taxes directly, then prior to invoicing, your organization must provide Esri with a copy of a current tax exemption certificate issued by your state's taxing authority for the given jurisdiction.

Esri may charge a fee to cover expenses related to any customer requirement to use a proprietary vendor management, procurement, or invoice program.

**To expedite your order, please reference your customer number and this quotation number on your purchase order.**



**esri**<sup>®</sup>

380 New York Street  
Redlands, CA 92373  
Phone: + 190936942814281

# Quotation

Page 2

**Date:** 01/27/2024

**Quotation Number:** 26193288

**Contract Number:** 31574.0

| Item | Qty | Material#  | Unit Price           | Extended Price       |
|------|-----|--|----------------------|----------------------|
|      |     | Start Date: 04/27/2024<br>End Date: 04/26/2025   |                      |                      |
| 4010 | 2   | 153148<br>ArcGIS Online Creator Annual Subscription<br>Start Date: 04/27/2024<br>End Date: 04/26/2025<br>Subscription ID: 1241842777 | 544.00               | 1,088.00             |
| 5010 | 3   | 154252<br>ArcGIS Enterprise Creator Annual Subscription<br>Start Date: 04/27/2024<br>End Date: 04/26/2025                            | 544.00               | 1,632.00             |
| 6010 | 1   | 161328<br>ArcGIS Enterprise Standard Up to Four Cores Maintenance<br>Start Date: 04/27/2024<br>End Date: 04/26/2025                  | 5,555.00             | 5,555.00             |
| 7010 | 10  | 166894<br>ArcGIS Enterprise Mobile Worker Annual Subscription<br>Start Date: 04/27/2024<br>End Date: 04/26/2025                      | 381.00               | 3,810.00             |
|      |     |  | <b>Item Subtotal</b> | 17,308.00            |
|      |     |  | <b>Estimated Tax</b> | 0.00                 |
|      |     |  | <b>Total</b>         | <b>USD 17,308.00</b> |

**DUNS/CEC: 06-313-4175 CAGE: 0AMS3**

Quote SQ-KNA-001789-1

| Pos.             | Item no./Description   | Quantity | Unit of Measure | Price/each | Total            |
|------------------|--|----------|-----------------|------------|------------------|
|                  | Contract Extension Water - maintenance contract<br>Contract No. CUCO-KNA-002064<br>05/01/24 until 04/30/25 |          |                 |            |                  |
| 1                | BR-SW-MAIN<br>WTR SW, Support and Maintenance<br>WISKI License #1<br><br>WISKI License #1                  | 1        | Year            | 3,597.5119 | 3,597.51         |
| 2                | BR-SW-MAIN<br>WTR SW, Support and Maintenance<br>WISKI Licenses #2-4<br><br>WISKI Licenses #2-4            | 1        | Year            | 7,196.0847 | 7,196.08         |
| 3                | BR-SW-MAIN<br>WTR SW, Support and Maintenance<br>KiWQM<br><br>KiWQM  | 1        | Year            | 1,367.5001 | 1,367.50         |
| 4                | BR-SW-MAIN<br>WTR SW, Support and Maintenance<br>KiWIS<br><br>KiWIS  | 1        | Year            | 2,770.0099 | 2,770.01         |
| <b>Total USD</b> |  |          |                 |            | <b>14,931.10</b> |

Payment Terms 30 days net

All prices are exclusive of the statutory value added tax at the time of invoicing.

Quote valid until 4/15/2024

Delivery only with extended and expanded retention of title.

Due to the system, there may be rounding differences between the price per unit and the total sales price. The reason for this is the internal billing with 5 decimal places.