



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

Resolution number: 23-016

Prepared by: Name: Alex Steele
Phone: 952-641-4581
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Reviewed by: Name/Title: Kailey Cermak – Hydrologist

Recommended action: Staff seeks Board’s approval to renew GIS and WISKI software licenses and maintenance

Schedule: Date: 4/27/2023 to 4/26/2024– GIS license and maintenance agreement term
Date: 5/1/2023 to 4/30/2024 – WISKI license and maintenance agreement term

Budget considerations: Fund name and code: 1-1003-4250 (IT – Dues and Subscriptions)
Fund budget: \$92,000.00
Expenditures to date: \$2,464.18
Requested amount of funding: \$30,209.22

Past Board action: Res # 21-027 Title: Authorization to Renew GIS and WISKI Maintenance Agreements and Licenses
Res # 22-017 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.

2023 GIS maintenance and license costs have remained flat compared to 2022. The quote for 2023 maintenance and license renewal for ArcGIS Enterprise, ArcGIS Desktop and ArcGIS Online is summarized in the table below:

Software License	Maintenance Term	Quantity	Unit Cost	Total Cost
ArcGIS Online	4/27/2023 to 4/26/2024	2	\$494.00	\$988.00
ArcGIS Desktop Advanced	4/27/2023 to 4/26/2024	1	\$3,030.00	\$3,030.00
ArcGIS Desktop Basic	4/27/2023 to 4/26/2024	1	\$707.00	\$707.00
ArcGIS 3D Analyst	4/27/2023 to 4/26/2024	1	\$505.00	\$505.00
ArcGIS Spatial Analyst	4/27/2023 to 4/26/2024	1	\$505.00	\$505.00
ArcGIS Enterprise Standard	4/27/2023 to 4/26/2024	1	\$5,050.00	\$5,050.00
ArcGIS Enterprise Creator	4/27/2023 to 4/26/2024	3	\$494.00	\$1,482.00
ArcGIS Enterprise Field Worker	4/27/2022 to 4/26/2023	10	\$345.00	\$3,450.00
Total				\$15,717.00

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

2023 WISKI maintenance and license costs have decreased \$460.78 compared to 2022. This decrease is due to the District dropping maintenance for the KiECO ecological data module, as these data have migrated to be stored and accessed through the District’s GIS enterprise geodatabase. The quote for 2023 maintenance and license renewal for WISKI, KiWQM and KiWIS is summarized in the table below:

Software License	Maintenance Term	Total Cost
WISKI Annual Maintenance	5/1/2023 to 4/30/2024	\$3,492.73
WISKI User Licenses (4)	5/1/2023 to 4/30/2024	\$6,986.49
KiWQM Module Annual Maintenance	5/1/2023 to 4/30/2024	\$1,327.67
KiWIS Annual Maintenance	5/1/2023 to 4/30/2024	\$2,689.33
	Total	\$14,496.22

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

Resolution number: 23-016

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

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, 2024 is \$15,717.00; 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, 2024 is \$14,496.22;

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 \$15,717.00.

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 \$14,492.22.

Resolution Number 23-016 was moved by Manager _____, seconded by Manager _____. Motion to adopt the resolution ___ ayes, ___ nays, ___ abstentions. Date: 4/13/2023

Secretary Date: _____



Esri Inc
380 New York Street
Redlands CA 92373

Subject: Renewal Quotation

Date: 03/27/2023
To: Alex Steele
Organization: Minnehaha Creek Watershed District
Fax #: **Phone #:** 952-641-4581

From: Kanilea Smith
Fax #: **Phone #:** + 19093698268 Ext. 8268
Email: ksmith@esri.com

Number of pages transmitted
(including this cover sheet): 5

Quotation #26127195
Document Date: 01/26/2023

Please find the attached quotation for your forthcoming term. Keeping your term current may entitle you to exclusive benefits, and if you choose to discontinue your coverage, you will become ineligible for these valuable benefits and services.

If your quote is regarding software maintenance renewal, visit the following website for details regarding the maintenance program benefits at your licensing level

<http://www.esri.com/apps/products/maintenance/qualifying.cfm>

All maintenance fees from the date of discontinuation will be due and payable if you decide to reactivate your coverage at a later date.

Please note: Certain programs and license types may have varying benefits. Complimentary User Conference registrations, software support, and software and data updates are not included in all programs.

Customers who have multiple copies of certain Esri licenses may have the option of supporting some of their licenses with secondary maintenance.

For information about the terms of use for Esri products as well as purchase order terms and conditions, please visit

<http://www.esri.com/legal/licensing/software-license.html>

If you have any questions or need additional information, please contact Customer Service at 888-377-4575 option 5.



esri[®] 380 New York Street
 Redlands, CA 92373
 Phone: + 190936982688268

Quotation

Date: 01/26/2023

Quotation Number: 26127195

Contract Number: 31574.0

Send Purchase Orders To:

Environmental Systems Research Institute, Inc.
 380 New York Street
 Redlands, CA 92373-8100
 Attn: Kanilea Smith

Please include the following remittance address on your Purchase Order:

Environmental Systems Research Institute, Inc.
 P.O. Box 741076
 Los Angeles, CA 90074-1076

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.

Item	Qty	Material#	Unit Price	Extended Price
10	1	52384 ArcGIS Desktop Advanced Concurrent Use Primary Maintenance Start Date: 04/27/2023 End Date: 04/26/2024	3,030.00	3,030.00
1010	1	87194 ArcGIS Desktop Basic Concurrent Use Primary Maintenance Start Date: 04/27/2023 End Date: 04/26/2024	707.00	707.00
2010	1	87232 ArcGIS Spatial Analyst for Desktop Concurrent Use Primary Maintenance Start Date: 04/27/2023 End Date: 04/26/2024	505.00	505.00
3010	1	87198 ArcGIS 3D Analyst for Desktop Concurrent Use Primary Maintenance	505.00	505.00

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.



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Redlands, CA 92373
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Quotation

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Date: 01/26/2023

Quotation Number: 26127195

Contract Number: 31574.0

Item	Qty	Material#	Unit Price	Extended Price
		Start Date: 04/27/2023 End Date: 04/26/2024		
4010	2	153148 ArcGIS Online Creator Annual Subscription Start Date: 04/27/2023 End Date: 04/26/2024	494.00	988.00
5010	3	154252 ArcGIS Enterprise Creator Annual Subscription Start Date: 04/27/2023 End Date: 04/26/2024	494.00	1,482.00
6010	1	161328 ArcGIS Enterprise Standard Up to Four Cores Maintenance Start Date: 04/27/2023 End Date: 04/26/2024	5,050.00	5,050.00
7010	10	166894 ArcGIS Enterprise Mobile Worker Annual Subscription Start Date: 04/27/2023 End Date: 04/26/2024	345.00	3,450.00

Item Subtotal	15,717.00
Estimated Tax	0.00
Total	USD 15,717.00

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



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Quotation

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Date: 01/26/2023

Quotation Number: 26127195

Contract Number: 31574.0

Item Qty Material#

Unit Price

Extended Price

Renewal Options:

- Online: Renew through My Esri site at <https://my.esri.com>
 - Credit Card
 - Purchase Order
 - Email Authorization
- Email or Fax: Email Authorization, Purchase Order or signed quote to:
 - Fax: 909-307-3083
 - Email: service@esri.com

Requests via email or signed quote indicate that you are authorized to obligate funds for your organization and your organization does not require a purchase order.

If there are any changes required to your quotation please respond to this email and indicate any changes in your invoice authorization.

If you choose to discontinue your support, you will become ineligible for support benefits and services. All maintenance fees from the date of discontinuation will be due and payable if you decide to reactivate your support coverage at a later date.

The items on this quotation are subject to and governed by the terms of this quotation, the most current product specific scope of use document found at <http://assets.esri.com/content/dam/esrisites/media/legal/product-specific-terms-of-use/e300.pdf>, and your applicable signed agreement with Esri. If no such agreement covers any item quoted, then Esri's standard terms and conditions found at [http://assets.esri.com/content/dam/esrisites/media/legal/ma-full/ma-full .pdf](http://assets.esri.com/content/dam/esrisites/media/legal/ma-full/ma-full.pdf) apply to your purchase of that item. Federal government entities and government prime contractors authorized under FAR 51.1 may purchase under the terms of Esri's GSA Federal Supply Schedule. Supplemental terms and conditions found at <http://www.esri.com/en-us/legal/terms/state-supplemental> apply to some state and local government purchases. All terms of this quotation will be incorporated into and become part of any additional agreement regarding Esri's offerings. Acceptance of this quotation is limited to the terms of this quotation. Esri objects to and expressly rejects any different or additional terms contained in any purchase order, offer, or confirmation sent to or to be sent by buyer. Unless prohibited by law, the quotation information is confidential and may not be copied or released other than for the express purpose of system selection and purchase/license. The information may not be given to outside parties or used for any other purpose without consent from Esri. Delivery is FOB Origin.

In order to expedite processing, please reference the quotation number and any/all applicable Esri contract number(s) (e.g. MPA, ELA, SmartBuy GSA, BPA) on your ordering document.



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Quotation

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Date: 01/26/2023

Quotation No: 26127195

Customer No: 137144

Contract No: 31574.0

Item Qty Material#

Unit Price

Extended Price

US FEDERAL CUSTOMERS: If you are a federal customer or a contractor purchasing on behalf of a federal customer a purchase order is required to receive an invoice. Please email the purchase order to service@esri.com

By signing below, you are authorizing Esri to issue a software support invoice in the amount of USD _____ plus sales tax, if applicable.

Please check one of the following:

I agree to pay any applicable sales tax.

I am tax exempt. Please contact me if Esri does not have my current exempt information on file.

Signature of Authorized Representative

Date

Name (Please Print)

Title



KISTERS North America, Inc.
 2999 Douglas Blvd., Suite 180
 95661 Roseville, CA
 United States of America
 Phone No.: +1 916 723 1441
 Fax No.: +1 916 774-1520
 Email: info@kisters.net

Your Contact
Mine Vang
 Phone No.
 +1 916 723 1441
 Email
 mine.vang@kisters.net
 Date
 4/5/2023

Minnehaha Creek Watershed District
 15320 Minnetonka Blvd
 55345 Minnetonka, MN

Invoice SINV-KNA-000510

Contract No.: CUCO-KNA-002064
 Your order date: 08/16/2022

Your Account No.: 215489
 Our TAX ID/EIN #: 20-1233047

Pos.	Item no./Description	Quantity	Unit of Measure	Price/each	Total
	Invoicing Water - maintenance contract Contract No. CUCO-KNA-002064 05/01/2023 until 04/30/2024				
1	BR-SW-MAIN WTR SW, Support and Maintenance WISKI License #1 WISKI License #1	1	Year	3,492.73	3,492.73
2	BR-SW-MAIN WTR SW, Support and Maintenance WISKI Licenses #2-4 WISKI Licenses #2-4	1	Year	6,986.49	6,986.49
3	BR-SW-MAIN WTR SW, Support and Maintenance KiWQM KiWQM	1	Year	1,327.67	1,327.67
4	BR-SW-MAIN WTR SW, Support and Maintenance KiWIS KiWIS	1	Year	2,689.33	2,689.33

Total USD	14,496.22
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Payment Terms 30 days net

Ship-to Address

Minnehaha Creek Watershed District
15320 Minnetonka Blvd
55345 Minnetonka, MN

Payments may be made by VISA, MasterCard, Checks in US Dollars only or by wire transfer.

Wire Transfer Banking Details: Swift Code: CITIUS33, Routing #321171184, Acct #200814812, Citibank N.A. Br#919, 2805 Marconi Ave, Suite 4, Sacramento, CA 95821.

If you have questions, please contact Jeamy Gaerlan at jeamy.gaerlan@kisters.net or +1 916-723-1441

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.

Please note your new customer number: 215489