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

**Resolution number:** 20-027

**Prepared by:** Name: Alex Steele  
Phone: 952-641-4581  
asteele@minnehahacreek.org

**Reviewed by:** Name/Title: Brian Beck – Research and Monitoring Program Manager

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

**Schedule:** Date: 4/27/2021 to 4/26/2022 – GIS license and maintenance agreement term  
Date: 5/1/2021 to 4/30/2022 – WISKI license and maintenance agreement term

**Budget considerations:** Fund name and code: 100-1003 (Information Technology)  
Fund budget: \$79,750.00 (Dues and Subscriptions)  
Expenditures to date: : \$7,121.62  
Requested amount of funding: : \$30,182.00

**Past Board action:**

Res # 19-090	Title: Approval of Purchase of GIS Software Licenses and Maintenance Agreements
Res # 20-028	Title: : Authorization to Renew GIS Software Licenses and Maintenance
Res # 20-029	Title: Authorization to Purchase and Renew Kisters WISKI Software Licenses and Maintenance

**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 District’s ability to leverage data in order to drive decision making. This is accomplished through the elimination of silos, and ensuring technology solutions are closely connected. 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 includes 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 efficiently and 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.

The quote for 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>Quantity</b>	<b>Unit Cost</b>	<b>Total Cost</b>
ArcGIS Online	4/27/2021 to 4/26/2022	2	\$489.00	\$978.00
ArcGIS Desktop Advanced	4/27/2021 to 4/26/2022	1	\$3,030.00	\$3,030.00
ArcGIS Desktop Basic	4/27/2021 to 4/26/2022	1	\$707.00	\$707.00
ArcGIS 3D Analyst	4/27/2021 to 4/26/2022	1	\$505.00	\$505.00
ArcGIS Spatial Analyst	4/27/2021 to 4/26/2022	1	\$505.00	\$505.00
ArcGIS Enterprise Standard	4/27/2021 to 4/26/2022	1	\$5,050.00	\$5,050.00
ArcGIS Enterprise Creator	4/27/2021 to 4/26/2022	3	\$489.00	\$1,467.00
ArcGIS Enterprise Field Worker	4/27/2021 to 4/26/2022	10	\$342.00	\$3,420.00
<b>Total</b>				<b>\$15,662.00</b>

WISKI

In 2015, MCWD invested in Kisters WISKI database system to store the District’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
- *KiECO Annual Maintenance* - biological 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

The quote for maintenance and license renewal for WISKI, KiWQM, KiECO and KiWIS is summarized in the table below:

<i>Software License</i>	<i>Maintenance Term</i>	<i>Total Cost</i>
WISKI Annual Maintenance	5/1/2021 to 4/30/2022	\$3,292.00
WISKI User Licenses (4)	5/1/2021 to 4/30/2022	\$6,585.00
KiWQM Module Annual Maintenance	5/1/2021 to 4/30/2022	\$1,251.00
KiECO Annual Maintenance	5/1/2021 to 4/30/2022	\$857.00
KiWIS Annual Maintenance	5/1/2021 to 4/30/2022	\$2,535.00
	<b>Total</b>	<b>\$14,520.00</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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**Resolution number:** 21-027

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

WHEREAS, in February of 2017 the Minnehaha Creek Watershed 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 27, 2022 is \$15,662.00; 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 May 1, 2022 is \$14,520.00;

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 \$15,662.00.

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 \$14,520.00.

Resolution Number 21-027 was moved by Manager \_\_\_\_\_, seconded by Manager \_\_\_\_\_. Motion to adopt the resolution \_\_\_ ayes, \_\_\_ nays, \_\_\_ abstentions. Date: 4/8/2021

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



**esri**<sup>®</sup> 380 New York St  
 Redlands, CA 92373-8118  
 Phone: 888-377-45752063  
 Fax #: 909-307-3083

# Quotation

**Date:** 01/26/2021

**Quotation Number:** 26002186

**Contract Number:** 31574.0

**Send Purchase Orders To:**

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

**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  
**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: 04/27/2021 End Date: 04/26/2022	3,030.00	3,030.00
1010	1	87194 ArcGIS Desktop Basic Concurrent Use Primary Maintenance Start Date: 04/27/2021 End Date: 04/26/2022	707.00	707.00
2010	1	87232 ArcGIS Spatial Analyst for Desktop Concurrent Use Primary Maintenance Start Date: 04/27/2021 End Date: 04/26/2022	505.00	505.00
3010	1	87198 ArcGIS 3D Analyst for Desktop Concurrent Use Primary Maintenance Start Date: 04/27/2021 End Date: 04/26/2022	505.00	505.00
4010	2	153148	489.00	978.00

**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.

**Issued By:** Pete Bennett

**Ext:** 2063

[CSBATCHDOM]

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



**esri**<sup>®</sup>

380 New York St  
Redlands, CA 92373-8118  
Phone: 888-377-45752063  
Fax #: 909-307-3083

# Quotation

Page 2

**Date:** 01/26/2021

**Quotation Number:** 26002186

**Contract Number:** 31574.0

Item	Qty	Material#	Unit Price	Extended Price
		ArcGIS Online Creator (Formerly Level 2 Named User) Term License Start Date: 04/27/2021 End Date: 04/26/2022		
5010	3	154252 ArcGIS Enterprise Creator (Formerly Named User Level 2) Term License Start Date: 04/27/2021 End Date: 04/26/2022	489.00	1,467.00
6010	1	161328 ArcGIS Enterprise Standard Up to Four Cores Maintenance Start Date: 04/27/2021 End Date: 04/26/2022	5,050.00	5,050.00
7010	10	166894 ArcGIS Enterprise Field Worker Term License Start Date: 04/27/2021 End Date: 04/26/2022	342.00	3,420.00
			<b>Item Subtotal</b>	15,662.00
			<b>Estimated Tax</b>	0.00
			<b>Total</b>	<b>USD 15,662.00</b>

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



# Invoice

**Kisters North America**  
**1520 Eureka Road, Suite 102**  
**Roseville, CA 95661**

Date	Invoice #
3/8/2021	22100

**Bill To**

Minnehaha Creek Watershed District  
 15320 Minnetonka Blvd  
 Minnetonka, MN 55345

**Ship To**

Minnehaha Creek Watershed District  
 15320 Minnetonka Blvd  
 Minnetonka, MN 55345  
 USA

P.O. No.	Terms	Client Contact
	Net 30	Kailey Cermak

  

Line No.	Description	Qty	Rate	Amount
1	Annual Support and Maintenance - WISKI 1	1	3,292.00	3,292.00
2	Annual Support and Maintenance - WISKI (3 licenses, seats 2-4)	1	6,585.00	6,585.00
3	Annual Support and Maintenance - KiWQM	1	1,251.00	1,251.00
4	Annual Support and Maintenance - KiECO	1	857.00	857.00
5	Annual Support & Maintenance - KiWIS	1	2,535.00	2,535.00
	All Support and Maintenance includes a 1.4% CPI increase			
	Support Period: May 1, 2021 to April 30, 2022			

  

All amounts are in US dollars.		<b>Total</b>	USD 14,520.00
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 Ari-EI Cheathon at Ari-EI.Cheathon@kisters.net or 916-723-1441.		<b>Payments/Credits</b>	USD 0.00
		<b>Balance Due</b>	USD 14,520.00