



Title:	Awarding Construction Contract for 2023-24 Twin Lakes Park Pond and Nokomis-Amelia Pond Dredging	
Resolution number:	23-072	
Prepared by:	Name: Josh Wolf Phone: 952.641.4588 jwolf @minnehahacreek.org	
Reviewed by:	Name/Title: Chuck Holtman, Smith Partners	
Recommended action:	Award the construction contract for the 2023-2024 Twin Lakes Park Pond and Nokomis-Amelia Pond dredging to Minnesota Dirt Works, Inc. in the amount of \$567,099.25 and establish a construction budget for the not to exceed amount of \$623,809.18.	
Schedule:	December 2023- February 2024: Pond Dredging February 16, 2024: Substantial Completion March 29, 2024: Final Completion	
Budget considerations:	Fund name and code: Capital Finance, 3-3002-4550 Fund budget: \$1,015,000.00 Expenditures to date: \$0.00 Requested amount of funding: \$567,099.25 + 10% contingency	
Past Board action:	Res # 22-046	Authorization to Execute a Contract to Analyze MCWD Stormwater Pond Survey Data and Develop Maintenance Recommendations
	Res #23-033	Authorization to Release the Request for Proposals for Engineering and Design Services for Annual Stormwater Pond Survey and Maintenance
	Res # 23-043	Authorization to Contract for Engineering and Design Services for 2023-2024 Stormwater Pond Survey and Maintenance
	Res # 23-063	Approval of 100% Design Plans for the 2023-2024 Stormwater Pond Dredging Project and Authorization to Solicit Bids

Summary: The Minnehaha Creek Watershed District (MCWD) is responsible for the inspection and/or maintenance of 26 stormwater ponds through ownership or cooperative agreements with its partner communities. The MCWD Board of Managers has established a policy that dictates cyclical investigation and maintenance of its stormwater management infrastructure to ensure the long-term water quality and water quantity function of these systems.

In 2010, the Project Maintenance and Land Management (PMLM) Program recommended pond sediment surveys of six to eleven ponds each year on a three-year rotating basis to adhere to the policy established by the Board. As the District continued its rotational survey efforts it collected a volume of dredging data in the ensuing 12 years. Following the recent completion of MCWD's Stormwater Pond Data Analysis, a 20-year schedule was developed, and ponds are now selected for survey and maintenance based off historical data and a calculated sedimentation rate for each pond. This

maintenance is necessary to ensure stormwater ponds are functioning as designed and continue to accrue their designed water resource benefit.

Best management practices indicate that a stormwater pond should be dredged when 50% of its wet volume is filled. Utilizing results from MCWD’s Stormwater Pond Data Analysis the MCWD Stormwater Pond Maintenance Plan identifies that Twin Lakes Park Pond and Nokomis-Amelia Pond are estimated to have reached this threshold and require maintenance.

At the August 10, 2023 MCWD Board Meeting, the board authorized a contract with Stantec Consulting for engineering and design services for 2023-2024 stormwater pond survey and maintenance. Through Stantec’s engineering and design, it was identified that both Twin Lakes Park Pond and Nokomis-Amelia Pond have accumulated sediment to the recommended threshold for cleanout and should have this accumulated sediment removed to restore them to their original as-built condition. Due to observed levels of contamination, removed material will be disposed of at an appropriate landfill. The ponds will be dewatered and subsequently dredged during January-February 2024. The estimated accumulated sediment to be removed is 3,030 cubic yards from Twin Lakes Park Pond and 6,740 cubic yards from Nokomis-Amelia Pond, which will return both ponds to their as-built volumes.

At the October 12, 2023 Board meeting, the Board authorized the final design plans and authorization to solicit bids for construction. The public bid process was open from October 20 to November 14, 2023, with a mandatory pre-bid meeting held on November 7, 2023. The District received nine proposals. The table below summarizes the bid responses. In accordance with the requirements of the Minnesota Data Practices Act, the bid tabulation will be circulated to the Board separately, in advance of the November 27, 2023 Board meeting, and made publicly available after the contract award.

Contractor	Total Base Bid amount	Alternate #1 Bid
Minnesota Dirt Works, Inc.	\$561,424.00	\$5,675.25
Peterson Companies	\$597,484.32	\$7,625.66
Fitzgerald Excavating	\$624,442.50	\$5,880.00
Frattalone Companies	\$674,587.80	\$10,663.00
U.S. SiteWork, Inc.	\$691,508.00	\$7,644.00
Veit & Company, Inc.	\$694,676.00	\$6,223.00
Rachel Contracting, LLC	\$731,571.00	\$6,139.00
Meyer Contracting Inc.	\$770,271.20	\$9,234.82
Minger Construction Co. Inc.	\$918,432.50	\$16,065.00

Minnesota Dirt Works, Inc. submitted the lowest bid. The bid is responsive and District staff and the design team find Minnesota Dirt Works, Inc. to be responsible. Alternate #1 Bid is for the placement of Riprap at the flared end sections of both ponds. Staff recommends that the Board award the contract for the Base Bid plus the Alternate #1 Bid. The overall low bid total, from Minnesota Dirt Works, Inc., is \$567,099.25. The total base bid amount is \$561,424.00 and the alternate bid amount is \$5,675.25. This compares with the engineer’s estimated cost of \$711,595.50.

At the November 27, 2023 MCWD Board meeting, staff will seek authorization for the Administrator to negotiate and execute a contact with Minnesota Dirt Works, Inc. for the contract price of \$567,099.25, and authorization for the Administrator to issue change orders in the aggregate amount of 10% of the contract price.

Attachment:

Stantec Consulting Bid Award Recommendation



RESOLUTION

Resolution number: 23-072

Title: Awarding Construction Contract for 2023-24 Twin Lakes Park Pond and Nokomis-Amelia Pond Dredging

- WHEREAS, the Minnehaha Creek Watershed District (MCWD) engages in regional capital improvement projects as described in its Water Resources Management Plan;
- WHEREAS, the MCWD has a policy that dictates cyclical investigation and maintenance of its stormwater management infrastructure and conducts pond sediment surveys on the 26 regional ponds that MCWD is responsible for inspecting and maintaining;
- WHEREAS, the Project Maintenance and Land Management Program (PMLM) annually budgets for this effort in accordance with the PMLM Maintenance Plan;
- WHEREAS, utilizing MCWD’s Stormwater Pond Data Analysis, the two ponds recommended for survey and maintenance in 2023-2024 are Twin Lakes Park Pond and Nokomis-Amelia pond;
- WHEREAS, on August 10, 2023, MCWD Board of Managers authorized staff to enter into a contract with Stantec Consulting for engineering and design services for 2023-2024 stormwater pond survey and maintenance;
- WHEREAS, on October 12, 2023, MCWD Board of Managers approved the final design plans for the 2023-2024 Stormwater Pond Maintenance and authorized the District Administrator to solicit bids for construction maintenance of Twin Lakes Park Pond and Nokomis-Amelia Pond in accordance with Minnesota law;
- WHEREAS, on November 14, 2023, nine bids were received and opened, Minnesota Dirt Works, Inc. submitted the low responsive bid, and is determined by the Board of Managers, on the basis of the advice of District staff and engineer, to be a responsible bidder;

NOW, THEREFORE, BE IT RESOLVED that the Minnehaha Creek Watershed District Board of Managers awards the contract for construction maintenance of Twin Lakes Park Pond and Nokomis-Amelia Pond to Minnesota Dirt Works, Inc., including the Base Bid and Alternate #1, for the contract price of \$567,099.25;

BE IT FURTHER RESOLVED that the District Administrator is authorized, on advice of MCWD legal counsel, to enter into a contract with Minnesota Dirt Works, Inc. for construction services for the 2023-2024 Twin Lakes Park Pond and Nokomis-Amelia Pond dredging, for the stated contract price, and further is authorized to execute change orders in his discretion up to an additional 10 percent, in aggregate, of the contract price; and

BE IT FINALLY RESOLVED that the Administrator is authorized to issue a formal notice to proceed to Minnesota Dirt Works, Inc., on advice of counsel and after receipt of a signed contract and required bonds and insurance documentation.

Resolution Number 23-072 was moved by Manager _____, seconded by Manager _____. Motion to adopt the resolution ___ ayes, ___ nays, ___ abstentions. Date: 11/27/2023

 Secretary Date: _____



Stantec Consulting Services Inc.
One Carlson Parkway, Suite 100, Plymouth, MN 55447

November 15, 2023

Minnehaha Creek Watershed District Board of Managers
Minnehaha Creek Watershed District
15320 Minnetonka Blvd
Minnetonka, MN 55345

Re: 2023-2024 Pond Maintenance
Stantec Project No. 227706259
Bid Results

Dear Board of Managers:

Bids were opened for the Project stated above on November 14, 2023. Transmitted herewith is a copy of the Bid Tabulation for your information and file. Copies will also be distributed to each Bidder once the Project has been awarded.

There were a total of 9 Bids. The following summarizes the results of the Bids received:

	<u>Contractor</u>	<u>Total Base Bid</u>	<u>Alternate Bid No. 1</u>
Low	Minnesota Dirt Works	\$561,424.00	\$5,675.25
#2	Peterson Companies	\$597,484.32	\$7,625.66
#3	Fitzgerald Excavating	\$624,442.50	\$5,880.00
#4	Frattalone Companies	\$674,587.80	\$10,633.00
#5	U.S. Site Work, Inc.	\$691,508.00	\$7,644.00
#6	Veit & Company, Inc.	\$694,676.00	\$6,223.00
#7	Rachel Contracting, LLC	\$731,571.00	\$6,139.00
#8	Meyer Contracting, Inc.	\$770,271.20	\$9,234.82
#9	Minger Construction Co., Inc.	\$918,432.50	\$16,065.00

The low Bidder on the Project was Minnesota Dirt Works with an Total Base Bid of \$561,424.00. This Bid compares to the Engineer's Opinion of Probable Costs of \$670,000.00. These Bids have been reviewed and found to be in order.

If the Board of Managers wishes to award the Project to the low Bidder, then Minnesota Dirt Works should be awarded the Project on the Total Base Bid of \$561,424.00. If the Board of Managers wishes to award the Alternate No. 1 to the low Bidder, then Minnesota Dirt Works should be awarded the Adjusted Total Base Bid of \$567,099.25.

Should you have any questions, please feel free to contact me at 763-252-6844.

Sincerely,
STANTEC CONSULTING SERVICES INC.

Chris Meehan, P.E.
Enclosure