

MEETING DATE: July 26, 2018

TITLE: Authorization to Enter into Contract for Utility Design Services for Six Mile Creek Halsted Bay

RESOLUTION NUMBER: 18-070

PREPARED BY: Anna Brown

E-MAIL: abrown@minnehahacreek.org

TELEPHONE: 952-641-4522

REVIEWED BY: Administrator Counsel Program Mgr. Michael Hayman
 Board Committee Engineer Other

WORKSHOP ACTION:

<input type="checkbox"/> Advance to Board mtg. Consent Agenda.	<input type="checkbox"/> Advance to Board meeting for discussion prior to action.
<input type="checkbox"/> Refer to a future workshop (date):_____	<input type="checkbox"/> Refer to taskforce or committee (date):_____
<input type="checkbox"/> Return to staff for additional work.	<input type="checkbox"/> No further action requested.
<input type="checkbox"/> Other (specify): Requesting final approval at the July 26, 2018 Board meeting	

PURPOSE or ACTION REQUESTED:

Authorization to execute a contract with Telecom Construction, Inc. for design of electric service at six locations to facilitate aeration for the Six Mile Creek-Halsted Bay (SMCHB) Habitat Restoration program for an amount not to exceed \$7,392.00.

PROJECT/PROGRAM LOCATION:

Six Mile Creek-Halsted Bay Subwatershed

PROJECT TIMELINE:

August 2018 – Develop design for six aeration sites in SMCHB Subwatershed and submit utility services application(s)

November 2018 – Complete electricity installation

Winter 2018-2019 – Inaugural year of aeration operations

PROJECT/PROGRAM COST:

Fund name and number: Six Mile Creek-Halsted Bay Planning 200-2002

Current Budget: \$150,000.00

Expenditures to date: \$59,000.00

Requested amount of funding: \$7,392.00 (\$6,720 + 10% contingency)

PAST BOARD ACTION:

March 27, 2014 – Authorization to enter into contract for the SMCHB carp assessment (14-025)

May 11, 2017 – Authorization to request funding from Lessard Sams Outdoor Heritage Council (17-036)

June 28, 2018 – Authorization to purchase equipment, including aeration units, for SMCHB habitat restoration project (18-061)

SUMMARY:

In September of 2017, the Lessard Sams Outdoor Heritage Council recommended the Six Mile Creek-Halsted Bay (SMCHB) Habitat Restoration Project for \$567,000 to the Minnesota State Legislature. The funding bill was approved by the legislature and the grant period began on July 1, 2018.

The program takes a holistic and comprehensive approach to managing common carp in the SMCHB Subwatershed based on the University of Minnesota's SMCHB carp assessment (2014-2017), which developed a carp population census for each waterbody, identified migration patterns between waterbodies, and identified likely reproduction areas. To address the carp population holistically, the University researchers worked with District staff to develop a management approach, consisting primarily of three management strategies:

- Adult biomass removal
- Aeration of shallow lakes to prevent successful carp reproduction
- Barriers to prevent carp movement between waterbodies and assist with removal

Consistent with the accomplishment plan approved by the Lessard Sams Outdoor Heritage Council, the grant funds will be used to pay for the capital cost of barrier installation, utility installation for aeration, and the fish removal contracts. The District match includes equipment for removal and monitoring, the aeration units, and design services.

Shallow Lake Aeration

Shallow lake aeration is a management strategy that targets those lakes identified as known or likely reproduction areas. Carp are prolific reproducers, and a single female carp can lay thousands of eggs. Under normal conditions, these eggs are predated by other fish, namely bluegills and other sunfish, preventing large reproduction events. When these lakes winterkill, however, the predator fish are no longer present, leading to large carp recruitments events. The goal of winter aeration is to create a small refuge for these predator fish in years when winterkill is likely to occur, maintaining a population of predator fish. The carp assessment identified six lakes across SMCHB that are likely recruitment areas – Turbid, Marsh, Sunny, North and South Lunsten, and Mud Lakes.

Utility Design

There are two utility providers operating in this area – Xcel Energy covers Sunny, North and South Lunsten, and Mud Lakes and Minnesota Valley Electric Coop covers Turbid and Marsh Lakes. In order to aerate these lakes, electricity service needs to be extended from existing power poles to the lakes. Each site will require the utility companies to set a new transformer and meter, then the District will work with a private contractor to extend service from the meter to an equipment connection point adjacent to the shoreline.

District staff conducted preliminary project coordination with the utility companies, but requires a utility contractor to advance the project towards installation. The contractor will coordinate with the utility company on technical needs and specifications and develop an electric service application to the utility companies, including load calculation sheets that are required as part of that application.

The District requested quotes from three utility companies, and received two submittals, from Telecom Construction and Cal-Tex Electric. Staff are recommending Telecom Construction based both on low quote and a higher level of deliverables for that quote. Telecom's proposal includes both CAD drawings and a bill of materials, both critical to delivery of service, whereas Cal-Tex proposal included only coordination with the utility and the electric service application. Telecom's quoted is \$6,720.00 (\$1,120.00 per site) and Cal-Tex's is \$8,400.00 (\$1,400.00 per site).

Staff will determine the cost-benefit of bidding the installation work based on the outputs of this design scope and bring a recommendation to the Board.

RESOLUTION

RESOLUTION NUMBER: 18-070

TITLE: **Authorization to Enter into Contract for Utility Design Services for Six Mile Creek Halsted Bay**

WHEREAS, pursuant to Resolution 14-047 the MCWD Board of Managers has identified the Six Mile Creek-Halsted Bay (SMCHB) Subwatershed as a priority area for focusing District planning activities and coordination efforts with subwatershed partners; and

WHEREAS, on October 10, 2013, the MCWD Board of Managers authorized the execution of a contract with Dr. Peter Sorenson and the University of Minnesota to conduct a three-year carp assessment of the SMCHB subwatershed to identify recruitment, carp census, and management strategies; and

WHEREAS, in May of 2017, the MCWD Board of Managers authorized staff to apply for funding to the Lessard-Sams Outdoor Heritage Council to restore 2,488 acres of deep and shallow lake habitat through carp management;

WHEREAS, at the February 22, 2018 MCWD Planning and Policy Committee meeting, staff presented the Lessard-Sams Outdoor Heritage Council approved accomplishment plan, under which the grant funds capital cost of barrier installation, utility installation for aeration, and the fish removal contracts; and the District match includes equipment for removal and monitoring, the aeration units, and design services;

WHEREAS, staff solicited competitive quotes from three companies for utility coordination and design for aeration unit service installation and has received quotes from two contractors, and Telecom Construction submitted a low quote of \$6,720.00;

WHEREAS, consistent with the accomplishment plan, design service will be District match to the Lessard-Sams funding.

NOW, THEREFORE, BE IT RESOLVED that the Minnehaha Creek Watershed District Board of Managers authorizes the District Administrator to execute a contract for utility design services in the Six Mile Creek-Halsted Bay Subwatershed consistent with the Lessard-Sams Outdoor Heritage Council Grant Accomplishment Plan, with Telecom Construction, Inc. in the amount of \$6,720.00, and that the Board establishes a utility design budget in the not to exceed amount of \$7,392.00, and authorizes the District Administrator, in his judgement, to authorize change order obligating the District up to that amount.

Resolution Number 18-070 was moved by Manager _____, seconded by Manager _____.
Motion to adopt the resolution ___ ayes, ___ nays, ___ abstentions. Date: _____.

Secretary

Date: _____

**DRAFT for discussion purposes only and subject to Board approval and the availability of funds.
Resolutions are not final until approved by the Board and signed by the Board Secretary.**

TELCOM CONSTRUCTION INC

2218 200th Street E. ~ P.O. Box 189
 Clearwater, MN 55320
 320-558-9485 ~ 320-558-9486

SUBMITTED TO Minnehaha Creek Water Shed District	TELEPHONE 952.641.4522	DATE 7/17/2018
ADDRESS 15320 Minnetonka Blvd,	PROJECT NAME MCWD Six Mile Watershed Aeration Projects	
CITY, STATE, ZIP Minnetonka, MN 55345	PROJECT LOCATION Lundsten, Mud , Sunny, Marsh and Turbid lakes	
ENGINEER	CONTACT PERSON Anna Rose Brown Telcom : Wayne Bauernschmitt	TELEPHONE 952.641.4522

WE HEREBY SUBMIT SPECIFICATIONS AND ESTIMATES FOR:

DMU SECTION 1 - UNITS	UOM	QTY	Labor	Material	L&M	Extended L&M
Aeration site electric source design and coordination/ per location	EA		6 \$1,120.00		\$1,120.00	\$6,720.00

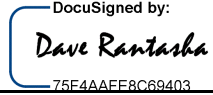
*** Design includes CAD drawing and bill of materials for each location and site coordination with electric utility provider***

WE PROPOSE HEREBY TO FURNISH MATERIAL AND LABOR -- COMPLETE IN ACCORDANCE WITH ABOVE SPECIFICATIONS FOR THE SUM OF:

Total Quote: Six Thousand, Seven Hundred Twenty and 00/ 100 **dollars (\$** **\$6,720.00**

PAYMENT TO BE MADE AS FOLLOWS:

Invoice Upon Completion - Term 30 Days Net

ALL MATERIAL IS GUARANTEED TO BE AS SPECIFIED. ALL WORK TO BE COMPLETED IN A WORKMANLIKE MANNER ACCORDING TO STANDARD PRACTICES. ANY ALTERATION OR DEVIATION FROM ABOVE SPECIFICATIONS INVOLVING EXT COSTS WILL BE EXECUTED ONLY UPON WRITTEN ORDERS, AND WILL BECOME AN EXTRA CHARGE OVER AND ABOVE THE ESTIMATE. ALL AGREEMENTS CONTINGENT UPON STRIKES, ACCIDENTS OR DELAYS BEYOND OUR CONTROL OWNERS TO CARRY FIRE, TORNADO AND OTHER NECESSARY INSURANCE. OUR WORKERS ARE FULLY COVERED BY WORKMEN'S COMPENSATION INSURANCE	AUTHORIZED SIGNATURE  _____ <i>Dave Rantasha, Senior Vice President</i>
NOTE: THIS PROPOSAL MAY BE WITHDRAWN BY US IF NOT ACCEPTED WITHIN _____ 30 _____ DAYS.	

ACCEPTANCE OF PROPOSAL - THE ABOVE PRICES, SPECIFICATIONS AND CONDITIONS ARE SATISFACTORY AND ARE HEREBY ACCEPTED. YOU ARE AUTHORIZED TO DO THE WORK AS SPECIFIED. PAYMENT WILL BE MADE AS OUTLINED ABOVE.

SIGNATURE _____

DATE OF ACCEPTANCE _____

SIGNATURE _____