

**Minnehaha Creek Watershed District**

**REQUEST FOR BOARD ACTION**

**MEETING DATE:** October 25, 2018

**TITLE:** Authorization to Award Contract for Six Mile Creek-Halsted Bay Carp Barrier Construction

**RES. NUMBER:** 18-108

**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:**

Advance to Board mtg. Consent Agenda.  Advance to Board meeting for discussion prior to action.

Refer to a future workshop (date):\_\_\_\_\_  Refer to taskforce or committee (date):\_\_\_\_\_

Return to staff for additional work.  No further action requested.

Other (specify): Requesting final action October 25, 2018

**PURPOSE or ACTION REQUESTED:**

Authorization to Award Contract to Blackstone Contractors, LLC for Six Mile Creek-Halsted Bay (SMCHB) Carp Barrier Construction

**PROJECT/PROGRAM LOCATION:**

Highland Road, Minnetrista; Crown College, St. Bonifacius; Lake Wassermann, Victoria

**PROJECT TIMELINE:**

October 2017	MCWD recommended for funding through Lessard Sams Outdoor Heritage Fund
March 2018	Barrier design contract awarded
September 2018	Approve final plans and specifications
October 2018	Award construction contract
March 15, 2019	Construction complete

**PROJECT/PROGRAM COST:**

Fund name and number: 500-5007 SMCHB Carp Management  
Current Budget: \$567,000  
Requested amount of funding: \$169,690.00  
Is a budget amendment requested? No

**PAST BOARD ACTION:**

May 11, 2017 Authorization to request funding from Lessard Sams Outdoor Heritage Council (17-036)  
March 8, 2018 Award contract for carp barrier design (18-021)  
Sept. 27, 2018 Approval of plans and specifications for carp barriers (18-103)

**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.**

Oct. 11, 2018 Authorization of impoundment of Six Mile Creek at Highland Road (18-107)

**SUMMARY:**

In September 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.

In March 2018, the MCWD Board of Managers awarded a contract with Wenck Associates to design barriers at four locations, with three locations – Wassermann, Crown College, and Highland Road – advancing in 2018. The fourth location, between North and South Lundsten, will be designed in 2019 pending further feasibility evaluation.

On September 27, 2018, The MCWD Board of Managers approved the plans and specifications for the three barriers and authorized staff to solicit quotes for barrier construction. The District solicited quotes from three contractors – Blackstone Contractors, Rachel Contracting, and Sunram Construction – and received two quotes:

Site	Blackstone	Sunram
Wassermann	\$35,020.00	\$48,225.00
Crown College	\$35,950.00	\$52,750.00
Highland Road	\$100,720.00	\$102,150.00
Total	\$169,690.00	\$203,125.00

Both quotes exceed the engineer’s estimate of probable cost and the construction budget for the work of \$113,000 (\$75,000 for Highland, \$20,000 for Crown, and \$18,000 for Wassermann). Staff will evaluate cost savings measures in the design. Before proceeding with the contract, staff will discuss with the Board proposed design changes to reduce cost, or options for budget adjustments to absorb cost above budget.

Staff recommends the District Board of Managers award the contract for carp barrier construction to Blackstone Contractors in the amount of \$169,690.00.

**Attachments:**

- Redacted Quote Tabulation Form

**RESOLUTION**

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**RESOLUTION NUMBER:** 18-108

**TITLE:** **Authorization to Award Contract for Six Mile Creek-Halsted Bay Carp Barrier Construction**

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, beginning in 2016, MCWD led in the development of a comprehensive restoration strategy for the SMCHB subwatershed to achieve the District's goals of protecting and improving water quality, water quantity, ecological integrity, and thriving communities through land use and water integration, and includes rough fish management as a principal strategy for restoration;

WHEREAS, in September of 2017, the Lessard Sams Outdoor Heritage Council recommended the SMCHB Habitat Restoration project for \$567,000 in funding, and the funding was approved by the MN Legislature in May of 2018;

WHEREAS, in March 2018, the MCWD Board of Managers authorized a contract with Wenck Associates to complete barrier design, including the development of plans and specification, and facilitation of the quote process for construction services;

WHEREAS, on September 27, 2018, the MCWD Board of Managers approved the plans and specifications for the carp barriers located at Wassermann Lake, Crown College, and Highland Road, for a total estimated cost of \$120,175, and authorized staff to solicit quotes for construction;

WHEREAS, District staff solicited quotes from three contractors, and received quotes from two, and Blackstone Contractors submitted the low quote of \$169,690;

WHEREAS, the low quote exceeds the engineer's estimate and project construction budget, and District staff will examine design adjustments to reduce construction cost;

NOW, THEREFORE, BE IT RESOLVED, that the District Administrator is authorized, on advice of District Counsel, to enter into a contract with Blackstone Construction, LLC for the amount of \$169,690;

BE IT FURTHER RESOLVED that before the District Administrator issues a notice to proceed, District staff will advise the Board either of design adjustments to reduce construction cost, or of budget adjustments to accommodate the cost, and obtain Board approval of any necessary contract amendment.

Resolution Number 18-108 was moved by Manager \_\_\_\_\_, seconded by Manager \_\_\_\_\_.  
Motion to adopt the resolution \_\_\_ ayes, \_\_\_ nays, \_\_\_ abstentions. Date: \_\_\_\_\_.

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

QUOTE TABULATION  
 OCTOBER 19, 2018  
 MINNEHAHA CREEK WATERSHED DISTRICT  
 SIX MILE CREEK CARP BARRIERS

				BLACKSTONE CONTRACTORS		SUNRAM CONSTRUCTION	
Item No.	Item Description	Units	Quantity	Unit Price	Extension	Unit Price	Extension
<b>HIGHLAND RD BRIDGE SITE</b>							
1	MOBILIZATION & DEMOBILIZATION	LS	1				
2	TRAFFIC CONTROL	LS	1				
3	6' HIGH CHAIN LINK FENCE	LF	40				
4	ALUMINIUM BARRIERS AND LIFTING MECHANISMS	LS	1				
5	PILING SYSTEM OR POST AND CONCRETE SYSTEM FOR ALUMINUM BARRIERS	LS	1				
6	WARNING SIGNAGE	LS	1				
7	RIPRAP CLASS II	TON	40				
8	PRECAST CONCRETE CURB STOP	EA	3				
9	GEOTEXTILE FABRIC TYPE 4	SY	65				
10	EROSION CONTROL/SITE RESTORATION	LS	1				
11	FLOTATION SILT CURTAIN	LF	55				
12	MNDOT SEED MIX 34-261 AND EROSION CONTROL BLANKET	SY	200				
<b>TOTAL HIGHLAND RD</b>				\$	100,720.00	\$	102,150.00

<b>CROWN COLLEGE SITE</b>							
Item No.	Item Description	Units	Quantity	Unit Price	Extension	Unit Price	Extension
1	MOBILIZATION & DEMOBILIZATION	LS	1				
2	4' HIGH CHAIN LINK FENCE	LF	30				
3	ALUMINIUM BARRIERS AND LIFTING MECHANISMS	LS	1				
4	POST AND CONCRETE FOOTING SYSTEM FOR ALUMINUM BARRIERS	LS	1				
5	RIPRAP CLASS II	TON	30				
6	PRECAST CONCRETE CURB STOP	EA	1				
7	GEOTEXTILE FABRIC TYPE 4	SY	40				
8	EROSION CONTROL/SITE RESTORATION	LS	1				
9	MNDOT SEED MIX 25-151 AND MULCH	SY	400				
10	MNDOT SEED MIX 34-261 AND EROSION CONTROL BLANKET	SY	250				
<b>TOTAL CROWN COLLEGE</b>				\$	35,950.00	\$	52,750.00

<b>WASSERMANN SITE</b>							
Item No.	Item Description	Units	Quantity	Unit Price	Extension	Unit Price	Extension
1	MOBILIZATION & DEMOBILIZATION	LS	1				
2	4' HIGH CHAIN LINK FENCE	LF	12				
3	ALUMINIUM BARRIERS AND LIFTING MECHANISMS	LS	1				
4	POST AND CONCRETE FOOTING SYSTEM FOR ALUMINUM BARRIERS	LS	1				
5	RIPRAP CLASS II	TON	15				
6	PRECAST CONCRETE CURB STOP	EA	1				
7	GEOTEXTILE FABRIC TYPE 4	SY	20				
8	EROSION CONTROL/SITE RESTORATION	LS	1				
9	MNDOT SEED MIX 25-151 AND MULCH	SY	200				
10	MNDOT SEED MIX 34-261 AND EROSION CONTROL BLANKET	SY	125				
<b>TOTAL WASSERMANN</b>				\$	33,020.00	\$	48,225.00

<b>TOTAL QUOTE - ALL SITES</b>	\$	<b>169,690.00</b>	\$	<b>203,125.00</b>
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<b>BLACKSTONE CONTRACTORS</b>	<b>SUNRAM CONSTRUCTION</b>
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