

Minnehaha Creek Watershed District

REQUEST FOR BOARD ACTION

MEETING DATE: December 20, 2018

TITLE: Authorization to purchase confined space entry equipment

RESOLUTION NUMBER: 18-130

PREPARED BY: Kailey Cermak

E-MAIL: kcermak@minnehahacreek.org

TELEPHONE: 952-641-4501

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

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 checked="" type="checkbox"/> Other (specify): Final Action at December 20, 2018 Board Meeting	

PURPOSE or ACTION REQUESTED:

Authorization to purchase confined space entry equipment to assist with the installation, removal, and general maintenance of stormwater monitoring stations.

PROJECT/PROGRAM LOCATION:

Minnehaha Creek Subwatershed

PROJECT TIMELINE:

Spring 2019 and beyond

PROJECT/PROGRAM COST:

Fund name and number: Research & Monitoring 5001

Current Budget: \$967,962

Expenditures to date: \$534,231.57

Requested amount of funding: \$5,676.14

Is a budget amendment requested? No

Is additional staff requested? No

PAST BOARD ACTION:

February 25, 2016 RBA 16-015 Authorization to Purchase Stormwater Sampling Equipment

April 12, 2018 RBA 18-040 Authorization to Purchase Stormwater Monitoring Equipment

SUMMARY:

**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.**

The Minnehaha Creek Watershed District (District) remains focused on implementing high impact capital projects to improve water quality, enhance ecological conditions, and reduce flooding. In order to better support these projects, the Research and Monitoring (R&M) Department has developed new priorities beyond baseline water quality monitoring. This shift in focus results in data collection that not only aides in project identification but sets the stage for effectiveness monitoring.

To accurately assess project scale conditions, specialized equipment is often necessary inside storm sewer infrastructure. The District currently has five in-pipe stormwater monitoring stations that track continuous flow and collect stormwater samples. This data is critical for determining project placement, informing stormwater treatment design, and communicating the impact of projects.

Due to the equipment being located within the confined space of the stormsewer infrastructure, specialized training and safety equipment is required for installing, maintaining, and troubleshooting the equipment. Currently, when equipment requires repair, a consultant is contacted for assistance. This often takes more than one week to schedule, which results in large data gaps. In 2018 alone, R&M spent approximately \$7,500 on consultant services. Due to this cost, routine maintenance is not performed in a proactive manor; R&M staff must react to equipment failures instead of conducting routine maintenance. Staff recognize this type of work will only be increasing in the future and has identified an opportunity to bring the confined space entry (CSE) capabilities in-house.

Recently, R&M staff partnered with the City of Minneapolis to obtain low-cost CSE training to learn of the potential hazards and protocols of working in these spaces. By purchasing the CSE equipment, staff will be able to proactively maintain our water quality equipment to ensure that we provide high quality data for project identification and project design. Furthermore, the cost of the equipment (\$5,676.14) is less than we spend on confined space services annually, which will provide significant cost savings. In addition, staff can utilize this equipment to reduce costs in other departments as well, such as CSE closeout inspections for permitting.

Recommendation

Staff is requesting Board authorization to purchase confined space entry equipment from Continental Safety Equipment for \$5,676.14.

At the upcoming Board meeting, staff will provide a presentation highlighting the need for the equipment and the future cost savings that will be realized by the District.

ATTACHMENTS:

1. Continental Safety Equipment, Inc. quote for equipment

RESOLUTION

RESOLUTION NUMBER: 18-130

TITLE: **Authorization to purchase confined space entry equipment**

WHEREAS, pursuant to its Watershed Management Plan (WMP), the Minnehaha Creek Watershed District (District) has worked to develop projects that improve the quality and manage the quantity of stormwater runoff, enhance the ecological integrity of the stream system, and facilitate broader community goals of public partners throughout the urban corridor region of the District;

WHEREAS, through the District's strategic planning process, the Research and Monitoring (R&M) Department developed new priorities beyond baseline water quality monitoring;

WHEREAS, R&M's new priorities support capital project planning by collecting data that informs project placement, design, and effectiveness;

WHEREAS, the District has five in-pipe stormwater monitoring stations that quantify pre and post-project conditions, and anticipates additional stormwater monitoring stations in the near future;

WHEREAS, confined space entry (CSE) certification is required for the installation, removal, and maintenance of these stormwater stations; and

WHEREAS, specialized safety equipment is required to conduct the necessary installation and maintenance of equipment within these confined spaces;

WHEREAS, bringing CSE capabilities in-house will improve the effectiveness of District data collection, reduce costs for monitoring in stormwater infrastructure and assist other programs with a variety of efforts that require confined space entry;

NOW, THEREFORE, BE IT RESOLVED that the District Administrator is authorized to purchase confined space entry equipment from Continental Safety Equipment, Inc. in the amount of \$5,676.14.

Resolution Number 18-130 was moved by Manager _____, seconded by Manager _____.
Motion to adopt the resolution ___ ayes, ___ nays, ___ abstentions. Date: _____.

Secretary

Date: _____

Continental Safety Equipment, Inc.
 2935 Waters Road
 Suite 140
 Eagan, MN 55121-2296
 www.csesafety.com

Quote

Date	Quote #
12/4/2018	858

Name / Address
MINNEHAHA CREEK WATERSHED DISTRICT 15320 MINNETONKA BLVD. MINNETONKA, MN 55345

Ship To

Terms	FOB	Rep	Expires
Net 30	EAGAN	BB	12-28-2018

Item	Description	Qty	U/M	Price	Total
72-0290-22C	GX2012 W/CHARGER AND LI-ION BATTERY PACK. 10' HOSE , PROBE AND MANUAL	1	ea	1,195.00	1,195.00
*81-GX03HSCO	CALIBRATION KIT,GX2012, 58AL CYLINDER H2S,CO,CH4,O2, DEMAND FLOW REGULATOR,CASE & TUBINIG	1	ea	580.00	580.00
1102000	DELTA VEST STYLE HARNESS BACK D-RING TONGUE BUCKLE LEG STRAPS (UNIVERSAL SIZE) 420 LB	2	ea	122.57	245.14
8300030	SALALIFT II WINCH W/ 60 FT GALV. CABLE AND TRIPOD, WINCH BAG	1	ea	3,656.00	3,656.00
	Sales Tax			0.00%	0.00

Total		\$5,676.14
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Phone #	Fax #
(651)454-7233	(651)454-3217