

Date: September 9, 2025
To: Joe Trueblood, Utility Superintendent
From: Bill Swearingen, Operations Supervisor
Subject: Annual Intake Cleaning & Inspection

I recommend approval to move forward with the annual inspection and cleaning of the Sheboygan Water Filtration Plant's intake cribs in Lake Michigan. This work is considered good practice and part of preventive maintenance to maintain reliable water delivery, support system efficiency, and address issues such as zebra mussel growth and debris accumulation.

Proposal:

Underwater Construction Corporation (UCC) will:

- Clean and inspect the 36", 30", and 60" intake cribs.
- Remove zebra mussels, algae, and debris.
- Provide video inspections and a written condition report.
- Complete work between October–November 2025 (approx. 3 days).

Cost: \$15,934.50

Page No:	1	UCC Proposal L-3556	Date:	August 25, 2025
Prepared By:	(WI) Jerry Pena	Project Title:	Dive Support-Inspect and Clean 36", 30" & 60" Intake Cribs	
Submitted To:	Mr. Swearingen	Project Location:	Sheboygan Water Filtration Plant - Lake Michigan Intakes	
Sheboygan Water Filtration Plant 72 Park Ave Sheboygan, WI 53081-2958 Bill Swearingen 920-459-3812 billswearingen@sheboyganwater.org		Proposal Basis:	*(NAV) Budgetary Price Based on Rates Below	
		Personnel: UCC would provide:	Maximum # of divers in the water at a time:	
		Four (4) Person Crew	One (1)	
		1	Boat Captain 100	
		3	Diver Mechanic	
Proposed Services Between		Oct-Nov 2025	Work Hrs/Day	10
			Days Per Week	3
Underwater Construction Corporation (UCC) appreciates the opportunity to offer this proposal to Sheboygan Water Filtration for the above-referenced project. UCC would assist Sheboygan Water Filtration with the annual intake crib cleaning & inspection on the 36", 30" & 60" intake cribs. UCC will perform a pre and post cleaning video inspection of the following: <ul style="list-style-type: none"> ▪ 36" intake funnels. nine (9) 8ft dia. funnels. ▪ 30" wooden intake crib. ▪ 60" intake funnels. four (4) 7ft dia. funnels. ▪ UCC understands divers will not be required to enter the intake cribs for inspections or cleaning. ▪ UCC understands site services need to be completed between Oct & Nov, 2025. 		UCC anticipates three (3), ten (10) hour weekdays, to safely and successful complete the project. UCC has assumed that Sheboygan Water Filtration or others will provide the following to support the previously stated services: <ul style="list-style-type: none"> • All permitting, as required. • Operational support and red tagging of equipment, as required. • Unrestricted access to the work area. • GPS coordinates of 60" intake funnels. • Drawing of 60" intake crib for report development. 		
Equipment:				
1 DOT Crew Cab 1 Ton Pickup Truck (MI CT) 1 28' "Ava Rose" Work Boat w/ 200 H.P. Engine (Michigan) 1 Shallow Water Dive Package 1 Dry Suit 1 3,500 Watt Generator 1 Double Diver Water Heater (Excludes Fuel) 1 3,500 - 4,500 PSI Gas-Powered Pressure Washer with 100' Hose 1 50' Length of Additional Hose 1 AED 1 Outland U/W Video System w/Audio Time/Date Console Display &100 Meter Cable 1 Velocity Meter/Flow Meter		1 4" Stanley Hydraulic Pump 1 Gas Powered Hydraulic Unit 8-10 GPM w/ 100' Supply/Return Line 1 50' Section Of Additional Supply Return Line		
No.	Description	Rate	Qty.	Sub-Total
1.01	UCC's All-Inclusive Round Trip Mobilization Rate (does not include onsite services) per occurrence is:	\$ 1,081.20	1	\$ 1,081.20
1.02	UCC's All-Inclusive Daily Rate for the first ten (10) hours worked each day, Monday-Friday is:	\$ 4,787.90	3	\$ 14,363.70
1.03	UCC's All-Inclusive Hourly Overtime Rate (applicable after eight (8) hours Monday-Saturday) is:	\$ 462.81		\$ -
1.04	UCC's All-Inclusive Daily Stand-by Rate (Applicable for delays outside of UCC's control) for eight (8) hours each day Monday-Saturday is:	\$ 3,261.32		\$ -
1.05	UCC's Hourly Rate for report preparation (minimum four [4] hours) is:	\$ 61.20	8	\$ 489.60
1.06		\$ -		\$ -
1.07		\$ -		\$ -
1.08		\$ -		\$ -
1.09		\$ -		\$ -
1.10		\$ -		\$ -
*Materials and Consumables that are not included will be invoiced at cost plus:		10%		
*Third Party Services, Bonds and Equipment that are not included will be invoiced at cost plus:		10%		
*TAXES ARE NOT INCLUDED		*ADDITIONAL TERMS AND CONDITIONS APPLY		
		*TOTAL PRICE	\$	15,934.50
		*PRICING IS VALID FOR	60	DAYS
Signed: <i>jerry pena</i> The contents of this proposal and any attachments are confidential and are intended solely for the addressee. Any distribution, reproduction or dissemination is strictly prohibited.				
Wisconsin / 5144 Douglas Ave. / Racine WI 53402 / www.uccdive.com P: (855) 717-3483 / F: (414) 988-1191 / C: (269) 921-9002 / jpena@uccdive.com				



Page No:	2	UCC Proposal L-3556	Date:	August 25, 2025
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Scope of Work:

36" Intake:

This intake consists of a series of 3 clusters of 3 separate funnels joining together into a single 36" diameter pipeline. Each funnel is about 8 feet in diameter and have removable steel gratings bolted in place. One funnel in each cluster contains a chemical application ring for the control of zebra mussels. These clusters rest on the bottom of the lake, about 2100 feet out from shore, with approximately 25 feet of water from the surface to the top of the gratings. All nine gratings have been removed and are lying on the bottom nearby. The following tasks are to be completed:

1. Document existing condition of funnels, piping, supports, etc. with video or digital photography.
Remove any zebra mussels or algal growth on the funnel interiors all the way back to the funnel intersections with pressure washers and/or manual scrapping as required to achieve a clean surface.
2. Removal of all debris from the interior of the funnels and the immediate area (at least 25 feet away) through the use of airlifts, suction pumps, or eductors.
Documentation of conditions after cleaning with video or digital photography.
Diver to inspect and video the interiors of each intake funnel to the cross intersection approximately 30 feet away.
3. Removal of all debris from the interior of the funnels and the immediate area (at least 25 feet away) through the use of airlifts, suction pumps, or eductors.
4. Documentation of conditions after cleaning with video or digital photography.
5. Diver to inspect and video the interiors of each intake funnel to the cross intersection approximately 30 feet away. UCC will utilize a ROV to inspect up to cross section

30 " Intake:

This intake consists of a ballasted wooden crib with a single 30" diameter tee within the cribbed structure. There is a 10-foot by 10-foot wooden access hatch, which should be open. This structure is located around 5000 feet from shore in approximately 45 feet of water. The following tasks are to be completed:

1. Document existing condition of cribbing, ballast, gratings, piping, supports, etc. with video or digital photography.
2. Remove any zebra mussels or algal growth on the cribbing, on the exterior and interior of the 30" tee and the auxiliary 30" line located 60 feet to the west of the cribbing down into its intersection with the 30" line, with pressure washers and/or manual scrapping as required to achieve a clean surface. UCC will utilize a ROV to inspect up to intersection.
3. Removal of all debris from the interior of the lines and the immediate area (at least 25 feet away) through the use of airlifts, suction pumps, or eductors.
4. Documentation of conditions after cleaning with video or digital photography.



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60" Intake:

This intake consists of 4 separate funnels joining together into a single 60" diameter pipeline. Each funnel is about 7 feet in diameter and have removable steel gratings bolted in place. Each funnel contains a chemical application ring for the control of zebra mussels. These funnels rest on the bottom of the lake, about 6500 feet out from shore, with approximately 46.5 feet of water from the surface to the top of the gratings. All gratings are wet stored nearby. The following tasks are to be completed:

1. Document existing condition of funnels, piping, supports, etc. with video or digital photography.
2. Remove any zebra mussels or algal growth on the funnel interiors all the way back to the funnel intersections with pressure washers and/or manual scrapping as required to achieve a clean surface.
3. Removal of all debris from the interior of the funnels and the immediate area (at least 25 feet away) through the use of airlifts, suction pumps, or eductors.
4. Documentation of conditions after cleaning with video or digital photography.
5. Diver to inspect and video the interiors of each intake funnel to the cross intersection approximately 30 feet away. UCC will utilize a ROV to inspect up to cross section

All work must be completed between **October 2025** and **November 2025**. The Dive Team Leader will present a complete written report with video/photos to the Utility office within 2 weeks of the completion of the project. **Payment will not be issued until the written report is presented.** Any recommendations for repairs or to correct any deficiencies must be included in the report.



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TERMS AND CONDITIONS

These terms and conditions are the primary overriding terms and conditions of services.

- 1** Except as expressly provided herein, UCC makes no other warranty or guarantee of any kind, express or implied, including any warranty of merchantability of products or for suitability of products selected or requested by others for the intended purpose.
- 2** Not-to-Exceed price is based on the description, methodology, equipment, and personnel outlined in this document. Any deviation will result in a modification of the pricing structure. Any delays caused by others and beyond UCC's control may require additional compensation.
- 3** The Standby Day Rate will apply for delays due to factors outside of UCC's control that cause the extension of the project's operations beyond the terms included in our price.
- 4** All open shop services will be invoiced based on a minimum eight (8) hour day Monday through Friday at the straight time rate. Overtime hours are billable after eight (8) hours Monday through Friday and for all hours worked on Saturdays. Double-time will be invoiced for all hours worked on Sundays and Holidays as listed below.
- 5** UCC-recognized company holidays are New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. Additionally, any customer holidays that differ from UCC's will be considered UCC holidays.
- 6** Emergent services, defined as services requested and response required within twenty-four hours, may be subject to premium time charges (i.e., shop time, travel time, site hours [minimum eight (8) hours] and travel expense).
- 7** Signed manifests for time and material services or signed delay sheets are considered a customer's formal acceptance of work performed. Signed manifests and delay sheets shall also be used for final invoicing by UCC.
- 8** UCC will have U/W video available; however, this equipment's effectiveness is limited by in-water visibility.
- 9** By accepting UCC's proposal with these terms and conditions attached, you are accepting UCC's terms and conditions as identified herein.
- 10** Starting time for services shall be mutually agreed upon in advance and is subject to the availability of UCC's personnel and equipment.
- 11** Unless otherwise stated in a previously established contract, services will not be provided until the customer signs and returns this quote, or issues a purchase order referencing this quote in its entirety.
- 12** If a project is canceled after UCC's personnel have been mobilized, travel and/or material charges will be applicable. Related charges will be invoiced in accordance with the existing service contract or as identified in the proposal.
- 13** UCC's Regional Vice President and safety department will solely determine whether conditions are conducive to safe diving operations per UCC's Safe Practices Manual.
- 14** UCC assumes that the flow rate will allow for safe diving. If at any time the current velocity exceeds two (2) feet per second, the UCC management and safety departments shall be contacted prior to diving. Diving operations will not resume until hazardous conditions have been made safe. UCC is not responsible for project delays due to hazardous conditions.
- 15** In accordance with all Federal and State OSHA Commercial Diving Rules and Regulations 1910, Subpart "T", 29 CFR 1910.425.3 and ADCI International Consensus Standards for Commercial Diving and Underwater Operations, if a site hazard analysis reveals unforeseen conditions, additional personnel may be required and the project cost would increase accordingly. Such conditions will be communicated in advance to the customer.
- 16** Due to unknown debris blockages and/or risk of entanglement with existing components attached to the structure the ROV inspection will be conducted as a "best effort" basis.
- 17** Client will isolate all systems that adversely affect the conditions within the ROV's travel path and work area for the duration of services. Adjacent systems will be considered during the project planning phase and may require additional isolation.
- 18** UCC is liable for their employees; client is responsible for any individual, including himself, herself, or any invitee or other contractors around UCC's work site and our equipment.
- 19** Unless otherwise stated, UCC is not responsible for liquidated or consequential damages.
- 20** UCC understands that prevailing wages will not apply on this project; therefore, pricing is based upon compensating our personnel in accordance with our in-house wages.
- 21** All-inclusive daily rates, if provided, will not be prorated for partial day services, unless expressly agreed to in advance.
- 22** UCC understands that the Inflation Reduction Act (IRA) does not apply to this project; therefore, pricing is based on compensating our personnel in accordance with our in-house wages.

PLEASE SIGN THE LAST PAGE OF THESE TERMS AND CONDITIONS

In the event you do not have an established purchase order form or process, please provide billing address, sign, date, and return this proposal via fax to (269) 429-6579, or PDF via email to MIContracts@uccdive.com. By signing this proposal, this will constitute a mutual agreement and you are acknowledging acceptance of this proposal and its terms and conditions in its entirety.

AN EQUAL OPPORTUNITY EMPLOYER

The contents of this proposal and any attachments are confidential and are intended solely for the addressee. Any distribution, reproduction or dissemination is strictly prohibited.

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TERMS AND CONDITIONS

These terms and conditions are the primary overriding terms and conditions of services.

- 23** All pricing, as offered, excludes any applicable sales and/or use tax. For any services performed outside the state of CT, UCC is not responsible for collecting of/or remittance of sales tax.
- 24** Invoices for services will be submitted monthly or upon completion and are payable in full within thirty (30) calendar days. Past due accounts are subject to 1.5% interest per month (18% per annum) on the unpaid balance as well as any costs and expenses including legal fees incurred by UCC to collect any amount due hereunder.
- 25** In the event an invoice is not paid within our terms, or within previously agreed upon terms, it is UCC's policy to file a lien following 60 days of delinquency.
- 26** UCC's proposal is valid for sixty (60) days from date of issuance unless otherwise noted.
- 27** The parties consent to jurisdiction in a Michigan state court for any action hereunder, and the parties waive a trial by jury in any action hereunder.
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- 44**

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