

MEMO 24-05

TO: Frank Schulte, City Administrator

FROM: James Kowalski, Director of Public Services

DATE: January 12, 2024

SUBJECT: Lake Front Park – Main Pool Liner Replacement

RECEIVED

JAN 16 2024

CITY OF GROSSE POINTE WOODS  
CLERK'S DEPARTMENT

*J.K.*

The Lake Front Park main pool is inspected every spring by Aquatic Source before opening. Over the last two years, Aquatic Source has reported that the membrane liner would need to be replaced. The current liner is 16 years old and is pulling away from the walls and a significant amount of water was being lost due to the compromised liner. Outdoor liners have a life expectancy of 10 years.

Through the recommendation of Aquatic Source, K Construction was contracted for a quote to replace the membrane liner in order to make the pool operational for the summer of 2024. They are the only known installer in the State of Michigan to install commercial liners of the magnitude and scope of the main pool.

K Construction provided a quote to install the 60 mil polyvinyl chloride (PVC) membrane liner in the amount of \$328,098.00 at the Lake Front Park main pool.

In order for the pool to be in operation for the 2024 summer season, K Construction will need to order supplies immediately due to the nationwide polyvinyl chloride (PVC) shortage.

Therefore, we recommend the installation of a 60 mil polyvinyl chloride (PVC) membrane liner by K Construction, 16109 River Ridge Trl., Linden, MI 48451 in the amount of \$328,098.00. The new membrane liner and welds that will hold it in place will carry a 10 year limited warranty. I recommend a construction contingency in an amount not to exceed \$21,902.00 for any unforeseen problems should they arise. The total construction for this project will not exceed \$350,000.00.

This is not a budgeted item in the Fiscal Year 2023/2024 budget and would require a budget amendment and transfer from account no. 101-000-692.100, Transfer from prior year Reserve Fund Balance into the Municipal Improvements Parks and Recreation account no. 401-902-977.104.

I do not believe any benefit will accrue to the City by seeking further bids. Approved for Council consideration.



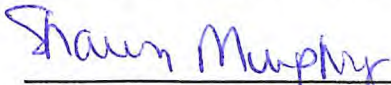
Frank Schulte, City Administrator

*2-12-24*

Date

Fund Certification:

Account numbers and amounts have been verified as presented.



Shawn Murphy, Comptroller/Treasurer

*2-1-24*

Date



190 Summit St., Brighton, MI 48116 • phone 248.366.0606 • fax 248.366.0605  
www.aquaticsource.com

January 10, 2024

City of Grosse Pointe Woods  
Attention: James Kowalski- Director of Public Services  
20025 Mack Plaza  
Grosse Pointe Woods, MI 48236

Re: K Construction

Jim,

Thank you for your inquiry regarding Tom Kreppel and K Construction. He is the ONLY installer that we know of and trust in the State of Michigan to install commercial liners of the magnitude and scope of your swimming pool.

There are only two (2) major liner companies left in the Country; Natara and RenoSys. Both of these vendors subcontract their labor out to offer a total installed price. This is how we met Tom and his crew.

They have done a fantastic job for us on every project they have worked on, and they are local; meaning in Michigan.

If you have any other specific questions, please do let us know and thank you for continuing to select Aquatic Source to help you maintain your commercial aquatic facility!!

Best Regards,

Nick Shelton  
General Manager  
Aquatic Source, LLC

**K CONSTRUCTION  
16109 RIVER RIDGE TRL  
LINDEN MI 48451  
(574) - 876 - 1237**

**Proposal for Grosse Pointe Woods Swimming Pool**

**INSTALLATION OF THE 60ML PVC MEMBRANE**

**Broom and Clean Pool surface and void it of all loose debris including 4 Labor hours**

**Removal of Existing Liner - Including all Termination and flanges. Materials to be placed in Dumpster provided by City**

**All Lights to be disconnected by Customer. Removal and disposal by K Construction. Lights to be Plated over by ¼ inch PVC Plate**

**Coat Interior of the Pool with sanitizing agent. Apply Felt Adhesive as required.**

**Apply Felt 11 ( 150 mil) to isolate membrane from the pool - as required. Not to exceed 3,000 square feet.**

**Install the 60 mil PVC membrane through hot air welding throughout.**

**Termination to be at top of pool wall (below gutter).**

**All Penetrations will be terminated with custom flanges.**

**Complete additional perimeter caulking, detail work, finish work, to make a complete watertight installation.**

**Clean site suitable for pool filling and perform final inspection.**

**Membrane and all welds shall carry a 10 year limited warranty.**

**Other Installation items shall carry a 1 year limited warranty .(e.g. Caulk, fasteners at compression fittings etc)**

**FURNISH AND INSTALL PVC MEMBRANE MAIN POOL..... \$328,098.00**

**Price is valid for 30 days. Pricing is based on a Fall of 2024 Installation. Payment Terms will be negotiated on a progress of completion scale.**

I have read and understand the information contained on this contract, conditions, installation, and quotation and agree to the terms within.

For K Construction

For Grosse Pointe Woods

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

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