



To: Board of Parks and Recreation  
From: Mark Heintz – Director of Parks and Recreation  
Date: February 15, 2021  
Re: Centennial Park boiler emergency replacement

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One of the two boilers for heating of the Centennial Park clubhouse failed late last week. We called out our HVAC contractor, Arctic Engineering, to evaluate the water leak coming from the boiler. After review, we have two options. One is to only replace the boiler block (\$19,050.00). One is to replace the entire boiler (\$33,675.00). These proposals are attached. The leak was an internal rusting through that caused holes and water to pour out.

With the issue being the hardness of the water, we are also going to look at adding a softener to help extend the life of the units. Since the other unit was also initially installed at the same time, I believe we should put a full replacement of the other boiler in a bond issue for next year.

**Recommendation:**

After discussion with Arctic staff and Kevin Dark, we believe that a full replacement is a better route despite the longer lead time. There is a fear that the water hardness may have other future consequences if we only replace the boiler block that are unknown at this time as those are internal issues. A full replacement would be a capital improvement that can be funded from previous bond issue balances. We are recommending approval of the Arctic Engineering proposal number 5-9064 in the amount of \$33,675.00.



**ARCTIC**  
ENGINEERING CO., INC.  
**Mechanical Contractor**

Phone 219.947.4999  
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HEATING ... AIR CONDITIONING ... PLUMBING  
8410 MINNESOTA STREET • MERRILLVILLE, IN 46410

*Design Build  
Installation & Service*

February 15, 2021

Centennial Park Clubhouse  
1005 S Centennial Dr.  
Munster, IN 46321

Attention: Kevin Dark  
Subject: Boiler Replacement  
Proposal No.: 5-9064

Dear Mr. Dark:

Arctic Engineering Co. Inc. Proposes to furnish all necessary labor and material to replace the defective Hydro Therm Boiler at the above mentioned site:

Price includes:

- Remove and dispose of the existing boiler.
- Provide and install a new Hydrotherm Model KN6 Boiler.
- Provide all necessary pipe, pipe fittings and flue pipe.
- Provide all necessary hardware.
- Reconnect to existing electric.
- Start up and test.

PRICE -----\$33,675.00

\*\*\*Lead time on boiler is six weeks\*\*\*

Thank you for the opportunity to provide this service. Please feel free to call if you have any questions.

Respectfully,

ARCTIC ENGINEERING CO., INC.

Bill Valentine  
Service Manager



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Centennial Park  
1005 S Centennial Dr.  
Munster, IN 46321

Attention: Kevin Dark  
Subject: Boiler Block Replacement  
Proposal No.: 5-9065

Dear Mr. Dark:

Arctic Engineering Co. Inc. Proposes to furnish all necessary labor and material to replace the defective Hydro Therm Boiler Block:

Price includes:

- Disassemble boiler and remove block and dispose of defective block.
- Provide and install a new Hydrotherm KN6 block.
- Reassemble boiler.
- Provide all necessary hardware.
- Start up and test.

PRICE -----\$19,050.00

\*\*\*Lead time on Boiler Block is two weeks\*\*\*

Thank you for the opportunity to provide this service. Please feel free to call if you have any questions.

Respectfully,

ARCTIC ENGINEERING CO., INC.

Bill Valentine  
Service Manager