



MPL Central Branch – Chilled Water System Primary / Secondary Piping Retrofit Madison Public Library

January 22nd, 2025

Madison Public Library
201 W Mifflin St
Madison, WI 53703

Project Summary

The project pricing, scope of work, and notes below and on the following page are based on discussion with Madison Public Library, NAMI site visit, and NAMI Engineering evaluation. Project pricing is based on the scope of work and project notes below.

HVAC Project Pricing

Chilled Water System Primary / Secondary Piping Retrofit -

\$63,380

Add / Alternate #1 for Possible 3-4 Week Lead Time -

Add \$1,500 to price above

Scope of Work Summary:

1. Isolate and drain piping as needed to complete project – assumes piping can be isolated so entire loop does not need to be drained.
2. Demo existing strainers and piping as needed to complete project.
 - a. Strainers will not be reinstalled.
3. Provide and install two (2) new pumps – one to be installed for each chiller.
 - a. Pumps sized based on up to 350 gpm based on rated flow for chillers.
4. Provide and install two (2) VFDs – one for each pump.
 - a. VFDs to be used for soft start and balancing – pumps to run constant gpm while operating.
5. Provide and install piping to make the following loop changes:
 - a. Return piping to be extended from existing end of piping to connect back to CWR after Chiller #2 Supply connection.
 - b. AHU-1 supply piping to be re-piped so that AHU-1 CWS connection is after new bypass.
6. Includes welding of new piping as required.
7. Fill and vent chilled water system.
8. Includes insulation of new piping to match existing.
9. Includes balancing of new pumps.
10. Includes engineering, construction plans, and applicable permit fees.
11. Startup and test for proper operation.
12. 1-year NAMI parts and labor warranty.

Project Notes:

1. Pricing is firm and valid for 30-days.
2. Price below does not include tax, if applicable.
3. Work to be performed during normal business hours.
4. Payments to be made net 30 days from invoice dates.
5. Excludes water treatment chemicals.
6. Excludes electrical – NAMI can help coordinate MPL's electrician.
7. Excludes controls – NAMI can help coordinate MPL's BAS contractor.
8. Pump lead time is currently approximately 13-15 weeks. Lead time is subject to change.
 - a. Add / Alternate included above for possible 3-4 week lead time. This lead time may or may not be available at time of approval. Additional fee will not be charged if lead time is not available upon approval.

Thank you for your consideration on this project. Should you have any questions, please feel free to contact me by phone at (608) 842-3934 or via email at bdavenport@naminc.com.

Sincerely,

Brad Davenport
North American Mechanical, Inc.