

NORTHERN MORAINÉ WASTEWATER RECLAMATION DISTRICT

RESOLUTION NO. 2025 - R- 05

**RESOLUTION AUTHORIZING ACQUISITION OF VARIABLE FREQUENCY
DRIVE EQUIPMENT FOR AERATION BLOWER REPLACEMENT
(SINGLE-SOURCE PROVIDER)**

WHEREAS, the Northern Moraine Wastewater Reclamation District (the “**District**”) is a sanitary district operating pursuant to the authority set forth in the Illinois Sanitary District Act of 1917, 70 ILCS 2405/0.1 *et seq.* (the “**Act**”); and

WHEREAS, aeration blower systems are critical components in the District’s system for treating wastewater (the “**District System**”); and

WHEREAS, the District is in the process of replacing three existing aeration blowers with two rotary lobe aeration blowers manufactured by Kaeser Compressors (the “**Kaeser Blowers**”); and

WHEREAS, the Kaeser Blowers can be fitted with control cabinets which contain variable frequency drives (“**VFDs**”) designed to handle the continuous operation of the Kaeser Blowers; and

WHEREAS, the District has from time to time purchased pursuant to competitive bidding procedures and installed VFDs manufactured by ABB, Inc. (the “**ABB VFDs**”) in connection with the District’s equipment and operations for treating and pumping sewage; and

WHEREAS, due to the quality and reliability of ABB VFDs, as well as their compatibility with the Kaeser Blowers and their suitability for the purposes to which they are used by the District, the District’s engineers have recommended the continued use of the ABB VFDs in connection with the Kaeser Blowers; and

WHEREAS, the utilization of the ABB VFDs is expected not only to maintain the quality and consistency of the performance of the District System, but use of the ABB VFDs will also promote standardized components within the District System, which will promote efficiency in maintenance and troubleshooting relating to the District System while reducing costs associated with training District employees therefor; and

WHEREAS, in light of the foregoing, the Board of Trustees of the District (the "**District Board**") has determined that it is in the best interests of the District and its residents to designate the ABB VFDs as the District's standard VFD for the District System (the "**District Approved VFDs**"); and

WHEREAS, in light of the District's standardization policy and the District's foregoing designation of the ABB VFDs as the District Approved VFDs, the District Board hereby further finds and declares that ABB, Inc. ("**ABB**") is a single-source vendor for obtaining the District Approved VFDs for use with the aeration blowers for the District System; and

WHEREAS, although the District supports the principle of competitive bidding, the District also recognizes that competitive bidding is not necessary nor cost-effective for purchases to be made from a single-source supplier; and

WHEREAS, based upon ABB's status as the single-source supplier of the District Approved VFDs, the District did seek a quote from ABB for two new District Approved VFDs for the Kaeser Blowers, which quote totaled \$58,400.00 as set forth in Exhibit 1 attached to this Resolution and made a part hereof (the "**Quote**"); and

WHEREAS, under Section 11 of the Act, 70 ILCS 2405/11, competitive bidding is required for purchases totaling more than \$40,000.00, but not if the product is to be acquired through a single-source vendor; and

WHEREAS, under Section 11 of the Act, the District is presently authorized to approve the Quote without competitive bidding; and

WHEREAS, the District Board finds it is necessary and proper to approve the Quote without the need to engage in a competitive bidding process; and

WHEREAS, the District Board has further determined that it is in the best interests of the District and its residents to take such actions as are necessary to purchase two District Approved VFDs from ABB pursuant to the Quote and in accordance with the terms of this Resolution;

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE NORTHERN MORAIN WASTEWATER RECLAMATION DISTRICT, LAKE AND McHENRY COUNTIES, ILLINOIS, AS FOLLOWS:

SECTION ONE: Recitals. The foregoing recitals are incorporated herein as if fully set forth.

SECTION TWO: Approval of the Quote.

(a) The District Board hereby approves the purchase of two District Approved VFDs from ABB for the Kaeser Blowers pursuant to the Quote attached hereto as Exhibit 1.

(b) The District Board authorizes the District Manager to execute the Quote and such other required documentation, and to take all other actions reasonably required, to (i) purchase of two District Approved VFDs from ABB for the Kaeser Blowers pursuant to the Quote, and (ii) comply with the requirements of Section 11 of the Act, 70 ILCS 2405/11.

SECTION THREE: Effective Date. This Resolution shall be in full force and effect immediately following its passage and approval.

PASSED THIS 11th DAY OF AUGUST 2025.


AYES: (5)
NAYS: (0)
ABSENT: (0)

APPROVED THIS 11th DAY OF AUGUST 2025.



President

ATTEST:



District Clerk

