

MEMORANDUM

TO: NWABSD Board of Education
Members

DATE: June 2, 2025

NUMBER: 25-158

FR: Office of the Superintendent

SUBJECT: Approval to Repair and
Replace the Lift station
Tank.

ABSTRACT:

Board approval is required to expend \$50,000.00 and higher.

ISSUE:

At issue is the Noatak teacher housing lift station.

BACKGROUND AND/OR PERTINENT INFORMATION:

Drake construction a couple years back did a temporary repair to the existing lift station to get it functional. Since that time the lift station has moved again due to ground heaving. The existing tank is twenty-four inches (24") diameter tank. The correct tank size should be thirty-six inches (36"). The thirty-six inch (36") tank will allow at least ten inches (10") of arctic pipe inside the tank giving it enough room to move around due to frost heaving. Currently, the existing tank with where the pump is located, allows the arctic pipe to fit flush with the inside edge of the existing tank. Very little movement creates a situation where the arctic pipe slips out of the tank opening with very little movement, which is currently the situation. With the cooperation of the Native Village of Noatak and the use of their heavy equipment, the Northwest Arctic Borough School District intends to do this project in house, using our own and local operators and Noatak heavy equipment.

With the cost of the new tank, arctic pipe and shipping and the repair to Noatak heavy equipment for use on this project and in house and local labor, the cost of this project should not exceed \$219,000.00. The arctic pipe is to replace the damaged arctic pipe going from the lift station to the road due to frost heaving. This is a project that needs to be completed before the start of the school year so Teacher Housing can have a proper operating sewage system.

Funding Source: unfunded

ALTERNATIVES:

1. Approve the administration's request to pay "in house construction team" an amount not to exceed \$219,000.00 to perform the necessary fix and installation of a new lift station tank for the Noatak teacher housing lift station.
2. Disapprove the administration's request to pay "in house construction team", an amount not to exceed \$219,000.00 to perform the necessary fix and installation of a new lift station tank for the teacher housing lift station.
3. Take no final action.

ADMINISTRATION'S RECOMMENDATION:

The administration recommends board approval of the administration's request to pay for the in-house construction not to exceed \$219,000.00 to perform the repairs and new lift station tank and arctic pipe replacement needed to fix the lift station for teacher housing.

AMAQ Excavating, Inc.

Licensed • Bonded • Insured

• General Excavation • Demolition • Sewer • Water • Snow Removal

Cell: (907) 529-7222

Email: amaq@mtaonline.net

Work Proposal/Date:

PROPOSAL SUBMITTED TO: NWABSD

WORK TO BE PREFORMED AT:

NAME: Mark Moore	ADDRESS: Noatak
ADDRESS:	CITY, STATE:
CITY, STATE:	DATE OF PLANS:
PHONE NO:	ARCHITECT: Mark moore

THIS PROPOSAL SHALL BE INCORPORATED BY REFERENCE, OR ATTACHED TO AND MADE PART OF THE CONTRACT DOCUMENTS. ANY CHANGES FROM THE ABOVE SPECIFICATIONS WILL BE EXECUTED ONLY UPON WRITTEN ORDERS, AND WILL BECOME AN EXTRA CHARGE OVER AND ABOVE THE ESTIMATE.

EXCLUSIONS: Any unreasonable deviation from plans, SWPPP or monitoring, obstructed access, unlocated buried utilities, any work not specifically called out in the plans, landscaping or topsoil, and retainage. Over ex due to unsuitable soils, Survey, thawing, hauling during weight restrictions, lift stations or raised bed septic. Copper water services, engineering, Wells, any electrical work or pump setting

We hereby propose to furnish the materials and preform the labor necessary for completion of: R&R existing lift station vault with owner supplied new vault, excavate and releve or replace arctic pipe from lift station to road edge (school haul road) work limit on inlet side up to 20 feet from vault. All materials owner supplied.

PERMITS:

All material is guaranteed to be as specified, and the above work to be performed in accordance with the drawing and specifications submitted for the above work and completed in a substantial workmanlike manner for the sum of:

Dollars --- \$175000.

With payments to be as follows:

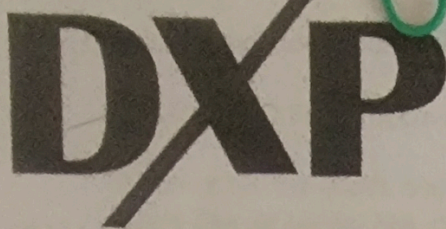
Note: Any alterations or deviations from the above specifications involving extra costs will be executed only upon written order, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents, or delays beyond our control.

THIS PROPOSAL MAY BE WITHDRAWN BY AMAQ EXCAVATING, INC. IF NOT ACCEPTED WITHIN 30 DAYS.

Acceptance of Proposal

The above prices, specifications, and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payments will be made as outlined above.

Respectfully Submitted, _____.



ALASKA PUMP & SUPPLY, INC

8400 SANDLEWOOD PL • ANCHORAGE, ALASKA 99507 • PHONE: (907)563-3424 • FAX: (907)562-5449

May 9, 2025

ATTN: Troy Humphreys - NW Arctic

QUOTE: AKP25-0272

Project: Noatak lift station

Email: thumphreys@nwarctic.org

We are pleased to provide pricing for the following equipment:

Qty	Description	Each	Total
1	<p>LIBERTY PUMPS Preamsembled Duplex Explosion Proof</p> <p>(2) XLSG202M-5 Stainless Impeller Explosion Proof pumps, 2 HP, 230VAC, 1 phase, capacities of 50 GPM, heads to 108' TDH, 50' power cord (2) K001641 Capacitor kit</p> <p>(1) ISD24HS2=3-5 NEMA 4X intrinsically safe duplex alternating control panel, seal fail, aux. contacts, and integral audio/ visual high level alarm</p> <p>(1) 36" dia. X 120" H fiberglass basin with Fiberglass anti-floatation flange with 2" side discharge. 2" Female Threaded PVC discharge coupling.</p> <p>(1) 36" Blank Fiberglass Cover</p> <p>(2) Guide rail assembly, including GR20NS guide rail, 1-1/4" stainless steel rails, s/s lifting chain, etc.</p> <p>(1) 4" Unmounted Inlet Hub</p> <p>Miscellaneous hardware and plumbing, including PVC ball valves, PVC check valves, float bracket, PVC discharge pipe etc.</p> <p>(2) 2" Electrical couplings</p> <p>**Insulation: top 6' of basin to shall have 4" of insulation and polyurea coating. Foam plug under lid.**</p>	\$ 36,378.00	\$ 36,378.00
1	<p>**ESTIMATED SHIPPING & HANDLING**</p> <p>FOB: ALASKA PUMP (ANCHORAGE, AK)</p> <p>Standard ocean transit</p>	\$ 1,733.00	\$ 1,733.00

Please reference AKP25-0272 when placing order.

Total: \$38,111.00

This quotation is the sole property of Alaska Pump & Supply, Inc. It is issued to you for your confidential use only. In consideration of this quote, the issued party agrees that this quotation shall not be reproduced or copied or disposed of directly or indirectly, or issued for the purpose other than that for which it has been supplied for without written permission. Alaska Pump & Supply, Inc. reserves the right to refuse to sell all or part of this quotation. Quote is valid for 30 days unless noted.

Alaska Pump & Supply, Inc. Terms and Conditions Apply

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