

May 19, 2026

Re: Wastewater System Improvements Project
Garden City, South Dakota
A-9512
SRF: C461341-01

Bid Opening: **May 21, 2026, 1:00 pm Local Time**

ADDENDUM NUMBER 2

The following modifications become a part of the original plans and specifications, taking precedence over the items that may conflict. The bidder shall note receipt and make acknowledgement of the addendum on the bid form, incorporating its provisions in the bid.

CONTRACT DOCUMENTS AND TECHNICAL SPECIFICATIONS

1. SECTION 40 05 78.21- *Add the attached specification to the Technical Specifications for the sewage air release valve shown in the plans.*

CONSTRUCTION PLANS

1. PLAN SHEETS 7 & 14 – *The dimension of wetwell shall be a minimum of 7' x 7' and shall provide enough room for the equipment to fit and be serviced.*

ALL OTHER ITEMS OF THE PLANS AND SPECIFICATIONS REMAIN UNCHANGED

BY:



A circular professional engineer seal for Brandon D. Mid, Registered Professional Engineer, REG. No. 11937, M.I.D., South Dakota. The seal is partially obscured by a blue ink signature.

PROJECT ENGINEER – HELMS & ASSOCIATES

Acknowledge receipt of the Addendum by inserting its number on the Bid Form. Failure to do so may subject bidder to disqualification. This Addendum forms a part of the Contract Documents. It modifies them as above.

SECTION 40 05 78.21 - SEWAGE AIR RELEASE VALVES (SARV)

PART 1 GENERAL

1.01 RELATED DOCUMENTS

- A. The general provisions of the Contract, including General and Supplementary Conditions shall apply to the Work covered in this Section.
- B. Related requirements specified elsewhere:
 - 1. Sanitary Sewer Piping and Fittings – Section 33 31 00

1.02 DESCRIPTION OF WORK

- A. The Work covered by this section includes all labor, materials and equipment necessary to furnish and install the air release valves as specified herein and as shown on the plans.

1.03 SUBMITTALS

- A. The Contractor shall submit for review copies of shop drawings for materials specified herein in accordance with the requirements of Section 01 33 23.

1.04 PRODUCT DELIVERY, STORAGE, AND HANDLING

- A. The ends of all valves shall be sealed to prevent entry of foreign matter into the body.
- B. Box, crate, completely enclose, and protect valves and accessories from accumulations of foreign matter.
- C. Valves and accessories shall be stored in areas protected from weather, moisture, or possible damage. Do not store materials directly on ground.
- D. Items shall be handled in such manner so as to prevent damage to interior or exterior surfaces.

PART 2 PRODUCTS

2.01 SEWAGE AIR RELEASE VALVES

- A. Sewage Air Release Valves shall allow unrestricted venting or re entry of air through the valve during filling or draining of the forcemain, to prevent water column separation or pipeline collapse due to vacuum.
- B. The valve shall incorporate an air-gap separation between the sewage and sealing mechanism. This will be obtained by a single float or combination of floats. The float(s) shall withstand 230-psi test.
- C. All internals shall be easily removed without removing the main valve from the lines.
- D. Valve shall be fitted with blow off valves or back flush adapters with quick disconnect couplings and minimum 15 feet of hose.
- E. The valve inlet shall be a minimum of 1 inch N.P.T. All fitting shall be brass or stainless steel.
- F. The body shall be cast iron conforming to ASTM A126 (GR. B), Steel DIN ST.37 or Stainless Steel SAE 316.

- G. The sewage air release valve shall be as manufactured by Valve and Primer Corporation, APCO Series 400, Model 400, A.R.I. Flow Control Accessories Model D-020, or approved equivalent
- H. Bolting: All body bolts shall be Grade 304 stainless steel. Anti-Seize shall be applied to all threads prior to installation.

PART 3 EXECUTION

3.01 INSTALLATION

- A. All valves and accessories are to be installed in locations as shown in the Drawings.
- B. The exact location is to be field determined and approved by the Engineer prior to installation.
- C. All valves and accessories shall be installed in accordance with manufacturer's instructions.

PART 4 MEASUREMENT AND PAYMENT

4.01 METHOD OF MEASUREMENT

- A. Measurement shall be made for air relief valve and appurtenances shall be on per each basis as shown in the bid form. Measurement shall include air relief valve, 12 feet of hose with quick couplers, and all fittings and appurtenances necessary to connect valve in manhole.

4.02 BASIS OF PAYMENT

- A. Payment for air relief valve shall be incidental to the lift station.

* * * END OF SECTION * * *