

October 10, 2024

**RE: WATER STORAGE IMPROVEMENTS
PLATTE, SOUTH DAKOTA
SPN #16367**

BID LETTING: TUESDAY, OCTOBER 15, 2024 @ 3:00 PM

ADDENDUM NUMBER 1

The following modifications are to be made to the specifications for the Water Storage Improvements Project.

Section 33 16 00, Elevated Water Storage Improvements:

Paragraph 2.11 shall be added:

2.11 Roof Access Hatch

- A. The manufacturer shall furnish a roof opening which shall be placed near the outside tank ladder and shall be provided with a hinged cover and a hasp for locking. The opening shall be made in accordance with AWWA D103 and have 30-inch square opening. The opening shall have a curb at least four (4") inches in height, and the cover shall have a downward overlap of at least two (2") inches.

Paragraph 3.05 shall be replaced with the following:

- A. A three-coat Zinc/Epoxy System shall be applied to the interior as follows:
1. Prepare surface to SSPC-SP 10 - Near White Metal Blast Cleaning.
 2. Apply primer coat of Tnemec Series 91 H2O, Sherwin Williams Corothane 1 Galvapak 1K, or approved equal (2.5-3.5 mils DFT).
 3. Use Tnemec Series N140 F, Sherwin Williams SherPlate 600, or approved equal to brush stroke all seams, bolt heads and hard to reach surfaces. Care shall be exercised to insure proper priming of all welds and miscellaneous repair areas (5.0-10.0 mils DFT).
 4. Apply one finish epoxy coat of Tnemec Series 22, Sherwin Williams DuraPlate UHS, or approved equal (20 to 30 mils DFT). Brush stroke all lap seams on the roof underside.

Paragraph 3.06 shall be replaced with the following:

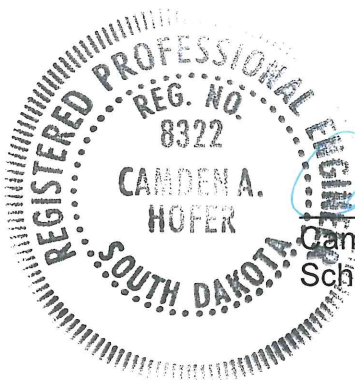
3.06 COATING APPLICATION - EXTERIOR SURFACES - TANK SHELL, ROOF, BALCONY AND HANDRAILS

- A. An overcoat with a two-coats shall be applied as follows:
1. Provide a cleanliness level as defined by SSPC-SP WJ-4/NACE WJ-4 Light Cleaning by use of Low Pressure Water Cleaning between 3,500 and 5,000 psi using a 0 degree rotating nozzle. If all visible contaminates, loose mill scale, loose rust and other corrosion products, and loose paint have not been removed, SSPC-SP2 Hand Tool Cleaning or SSPC-SP3 Power Tool Cleaning should be employed until the surface cleanliness definition is met.
 2. Apply stripe coat to all seams, bolts, bare metal, areas with failing paint and hard to reach areas with Tnemec ProBond 108 (1.5-2.0 mils DFT), Sherwin William 920 Pre-Prime (1.5-2.0 mils DFT), or approved equal.
 3. Apply a full coat of Tnemec ProBond 108 (1.5-2.0 mils DFT), Sherwin William 920 Pre-Prime (1.5-2.0 mils DFT), or approved equal.
 4. Apply a full coat of Tnemec 1095 Endurashield (3.0-4.0 mils DFT). Sherwin Williams Sherloxane 800 (4.0-5.0 mils DFT), or approved equal.

Paragraph 3.07 A shall be replaced with the following:

- A. The logo, banner and lettering shall be two coats of Tnemec Series 700, Sherwin Williams Fluorokem HS 100, or approved equal with a DFT of 2.0 to 5.0 mils, each. The logo and lettering shall be placed as shown in Figure A. The logo and lettering shall be placed on two locations which will be determined later. The banner shall wrap completely around the tank as shown in Figure A.

All other items of the plans and specifications remain unchanged.



Camden A. Hofer

Camden A. Hofer, Project Engineer
Schmucker, Paul, Nohr & Associates

The undersigned hereby acknowledges receipt of Addendum Number 1 to the specifications for the *PLATTE WATER STORAGE IMPROVEMENTS*.

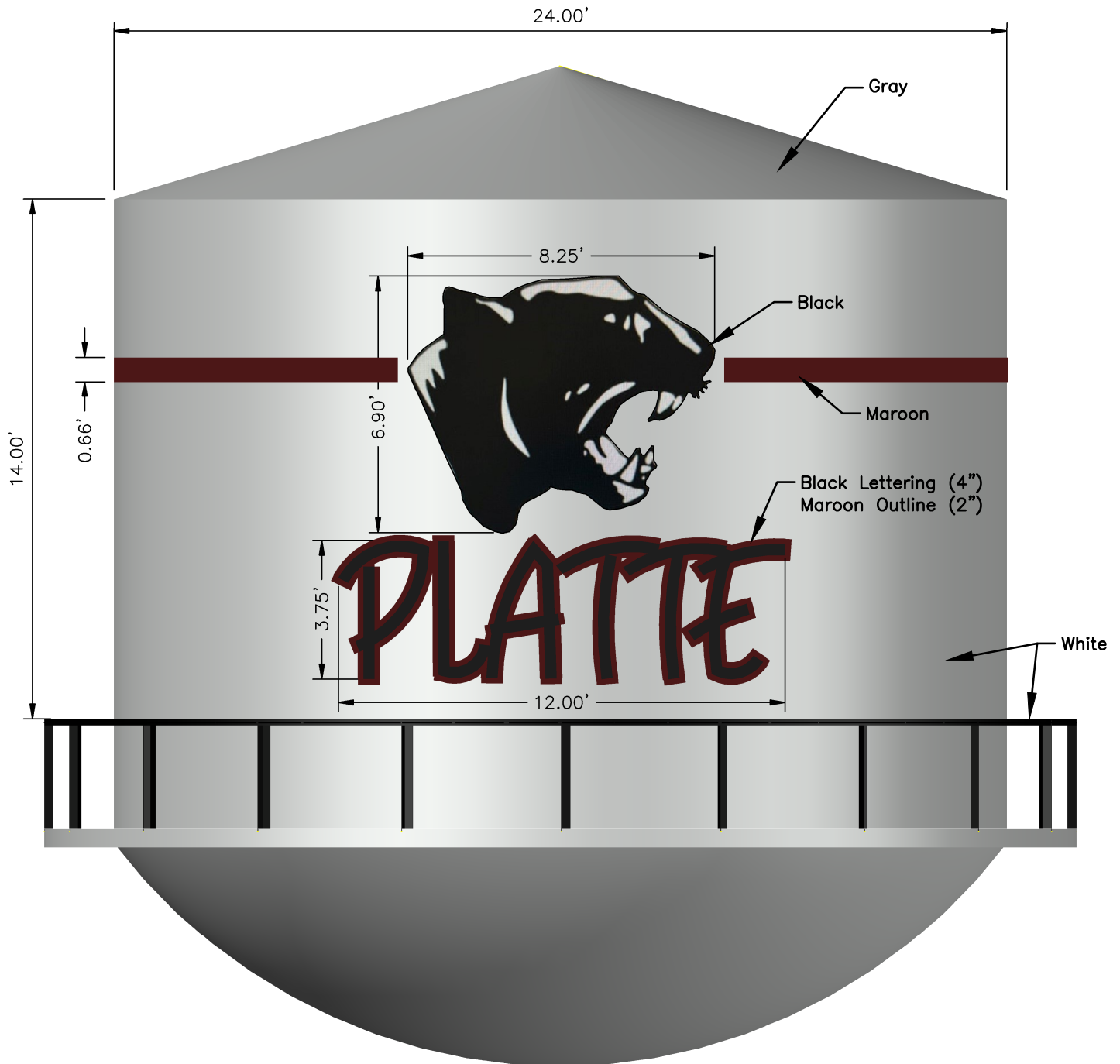
FIRM NAME _____
BY _____
TITLE _____
DATE _____

ATTACH THIS SIGNED ADDENDUM NO. 1 TO THE BID FORM WHEN SUBMITTING.

SPN # 16367

Scale: 1" = 4'

Platte Water Tower Logo



SPN

& Associates

Engineers, Planners and Surveyors

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