

April 27, 2021

Re: Fuel System Upgrades
Hoven Municipal Airport
Hoven, South Dakota
AIP # 3-46-0021-012-2021
A-8099

Bid Opening: **April 29, 2021**
11:00 am Local Time

ADDENDUM NUMBER 1

The following modifications are made to the plans and specifications for the Fuel System Upgrades, Hoven Municipal Airport:

CONTRACT DOCUMENTS AND TECHNICAL SPECIFICATIONS

1. Specification 23 10 00, Article 2.02 TANK ACCESSORIES, Page 125, ADD new paragraph G as follows:

G. Inline Fuel Filtration:

1. Installed / mounted in the piping between the fuel system pump and meter.
2. Provide suitable access for cartridge removal, draining, and other related maintenance.
3. Filter to be installed inside of a component cabinet.
4. Filter assembly to be qualified to the latest API/EI standards for aviation gasoline.
5. Basis of design: Parker / Velcon VF-61, or Engineer approved equal.
6. Aluminum filter housing with filter cartridge designed for dirt and free water removal to 0.5 micron. Provide drain valve in housing.
7. Suitable for 20 GPM of fuel flow.
8. Furnish with a differential pressure gauge.
9. Spare Equipment: O-rings and filter cartridges, suitable for a minimum of three filter replacement cycles.

2. Specification 23 10 00, Article 2.04 PUMPING SYSTEMS, Page 126, DELETE the following references from Paragraph C.1 Dispenser:

- Item iv. Delete.
- Item vi. Delete.
- Item vii. Delete.
- Item x. Delete.
- Item xiii. Delete the words “with Stainless Steel Body”.

3. Specification 23 10 00, Article 2.04 PUMPING SYSTEMS, Page 126, ADD the following requirement to Paragraph C.1 Dispenser:

High Visibility Display. Furnish and install a new “Heads-Up” High Visibility Display unit compatible with the equipment provided and compatible with the fuel management/credit card system.

4. Specification 23 10 00. The following State Fire Marshal comments (references to the International Fire Code) shall be ADDED to the plan and specification requirements:

2304.3.5 Emergency procedures. An *approved* emergency procedures sign, in addition to the signs required by Section 2305.6, shall be posted in a conspicuous location and shall read:

IN CASE OF FIRE, SPILL OR RELEASE
1. USE EMERGENCY PUMP SHUTOFF
2. REPORT THE ACCIDENT!
FIRE DEPARTMENT TELEPHONE NO. _____
FACILITY ADDRESS _____

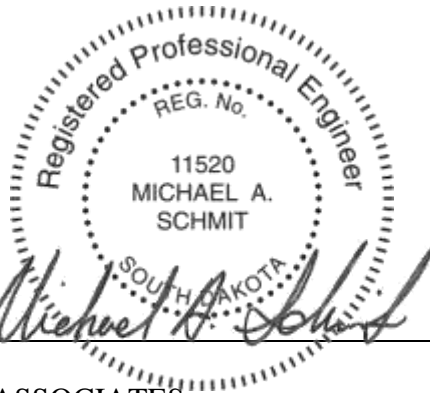
2306.7.5.1 Emergency breakaway devices. Dispenser hoses for Class I liquids shall be equipped with a *listed* emergency breakaway device designed to retain liquid on both sides of a breakaway point. Such devices shall be installed and maintained in accordance with the manufacturer’s instructions. Where hoses are attached to hose-retrieving mechanisms, the emergency breakaway device shall be located between the hose nozzle and the point of attachment of the hose-retrieval mechanism to the hose. The basis of design shall be the Husky Model 005969 Swivel Safe-T-Break Combination, or approved equivalent.

5704.2.3 Labeling and signs. Labeling and signs for storage tanks and storage tank areas shall comply with Sections 5704.2.3.1 and 5704.2.3.2.

5704.2.3.1 Smoking and open flame. Signs shall be posted in storage areas prohibiting open flames and smoking. Signs shall comply with Section 5703.5.

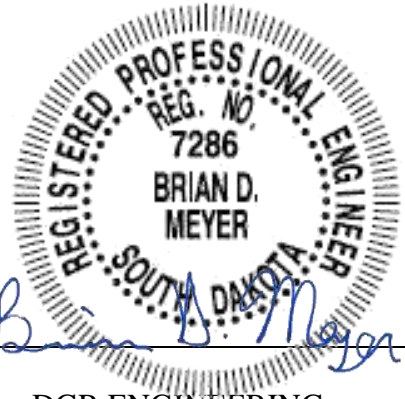
5704.2.3.2 Label or placard. Tanks shall bear a label and placard identifying the material therein. Placards shall be in accordance with NFPA 704.

**ALL OTHER ITEMS OF THE PLANS AND SPECIFICATIONS REMAIN
UNCHANGED**



BY: _____

HELMS & ASSOCIATES



BY: _____

DGR ENGINEERING

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.