X. ADDEDUM ONE – ALTERNATE PROPOSAL

The District is seeking alternate proposals to replace the current system with a completely new system. Below is a summary of District’s concept of a new system, this is presented as a concept and not necessarily a set of specifications. The District is seeking proposals / concepts from industry authorities to gauge the costs for a new system:

All fuel storage tank, dispensers, piping, venting and filling devices, monitoring equipment, and all associated fuel storage and distribution system components shall comply with all applicable Federal, State, and local governmental regulations. Applicable governmental regulations shall be those established by, but not limited to, the following: City of Des Moines; City of Des Moines Fire Department; Polk County; State of Iowa Fire Marshall; and Iowa Department of Natural Resources.

All fuel storage tank, dispensers, piping, venting and filling devices, monitoring equipment, and all associated fuel storage and distribution system components shall comply with applicable standards established by, but not limited to, the following: Underwriters Laboratories; Unified Fire Code; National Fire Protection Agency; and International Fire Code, as enforced by applicable jurisdictions having authority (JHA), at the time of system installation.

Contractor shall provide all labor and material for the installation of the materials identified below. It is the Owner’s intent for the Contractor to provide and install a full and complete fuel storage and dispensing system. The omission of specific system components or ancillary materials from this document does not release the Contractor from the responsibility to provide a complete, functioning fuel distribution system that meets, or exceeds, the functional specifications established below.

1. Fuel Dispensing Systems
   a. One (1) single-point dispenser for the handling of unleaded gasoline fuels.
   b. One (1) single-point dispenser for the handling of diesel fuels.
   c. Dispensers shall satisfy the following minimum construction and operational requirements:
      i. Minimum 20 gallons-per-minute (gpm) dispensing rate, unless otherwise limited by existing fuel system hardware.
      ii. Backlit electronic display
      iii. Welded galvanized steel frame construction
      iv. Stainless steel exterior shell and doors
      v. Internal hose retriever
      vi. Direct integration with dispenser manufacturer fuel management software and hardware system or other 3rd party fuel management software and hardware systems, as applicable. Must be capable of Pulse Output.
      vii. Internal replacement filters
      viii. Minimum 1-hp motor
      ix. NIST approved for weights and measures
      x. Side or front-load configurations available. Final determination by Owner during submittal review.
1. Fuel Dispensing Systems *(Continued)*
   d. All required fuel dispenser system components including, but not limited to:
      i. All required fittings, hoses, filters, and other appurtenant materials, as required for system installation.
      ii. Dispenser sump systems, complete
      iii. Island forms and appurtenant materials required for the installation of up to two (2) dispenser islands, complete
   e. Basis of Design: Gasboy Atlas 9088 Series

2. Fuel Management/Controller System
   a. One (1) dispenser-mount controller for each gasoline and diesel fuel dispenser.

3. Tank Monitoring
   a. Automatic Tank Gauging (ATG) system capable of monitoring up to 12 ASTs
   b. Minimum required monitoring features to include:
      i. Line leak detection
      ii. Statistically-based continuous leak detection
      iii. Relay module(s)
      iv. Probe module(s)
      v. All required probes and probe kits
      vi. Sump sensors
      vii. Interstitial monitoring
   c. All required materials for installation of a complete ATG system
   d. Basis of Design: Franklin Fueling Systems EVO 550

4. Tank Fill and Venting Systems
   a. All required materials for installation of a complete system