



WILL COUNTY, ILLINOIS

PURCHASING DEPARTMENT

JENNIFER BERTINO-TARRANT
WILL COUNTY EXECUTIVE

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BID # 2022-78 DOT FUEL STATION CONTROLS REMOVAL & REPLACEMENT

ADDENDUM #1
OCTOBER 12, 2022

SECTION A: EXECUTIVE SUMMARY, Revised as indicated in red below:

A.1 Background. The Will County Division of Transportation (DOT) needs removal and replacement of fuel station controls located at three (3) separate, **unattended** fueling stations located in Lockport, Joliet and Monee, IL . At all three locations, the existing fuel station controls, **keypad type pedestals with individually assigned fuel numbers and pin numbers**, are operational, but functionally obsolete. **The new fuel control system must provide the County of Will with the tools to manage the fuel expenses. The fuel access needs to be restricted to authorized uses and set the fuel type and quantity. Every transaction, tracked, giving the security and accountability to our unattended fueling sites.**

Will County is issuing this Invitation to Bid to experienced and qualified contractors interested in the completion of this project scope at the three locations listed in Section C below.

SECTION C: SCOPE OF WORK, Revised as indicated in red below:

- 1.5 New fuel station controls hardware and software must reliably interface with high-speed internet to authorize, quantify and record all fueling transactions **and must also interface with existing pumps, gauges, sensors, probes, etc.**
- 1.6 Secure, remote access to fuel station controls by Will County is required **at two (2) locations**, as are all updates for fuel station controls software. **Remote access to fuel station controls and access to fuel management software shall be established at the following locations:**

16841 W. Laraway Rd, Joliet, IL 60433

16907 W. Laraway Rd, Joliet, IL 60433

Other Fuel Control Features are as follows:

- Backlit LCD for visibility in bright sunlight or at night.
- * Programmable prompts to guide drivers through the fueling process



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- Durable keypad 16-gauge steel enclosure, thermostatically controlled heater for reliable operation in the harshest environment.
- High-impact plastic door overlay, and powder coated enclosure and matching pedestal maintain their appearance for years.
- Built-in diagnostics for simplified troubleshooting.
- Built-in pulser power supply, pump control and pre-punched conduit access for easy installation.
- Can be activated either by card (optical or magnetic stripe) Chip key or code activated.
- Manual bypass switch for each hose.
- Four (4) adjustable fueling timers per hose position.

1.7 Fuel Site Controller shall be capable of controlling up to four (4) Fuel Islands and sixteen (16) hoses simultaneously

1.8 Fuel Site Controller shall have the minimum capacity to store up to 10,000 cards and 1,800 transactions in memory. Other Fuel Site Controller Features are as follows:

- Menu-driven programming with on screen help for ease of use.
- Serial communication ports for printer and modem.
- Desktop controller
- Easily interfaces to existing personal computers.
- Dual card accountability allows tracking and reporting on drivers using multiple vehicles.
Chip key milage reasonability option to ensure accurate odometer entries.
- Lock out any key or card.
- Basic inventory tracking.
- Provide four (4) levels of authorized time access.

1.9 Fuel Management Software shall have the ability to restrict the product and quantity for any card or account and shall allow the ability to limit the number of transactions per day for any card or account.

1.10 Other Required System Features are as follows:



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- The ability to number of transactions per day for any key or card.
- The ability to restrict product and quantity for any card or account.
- Adjustable pump time outs.
- Pump handle monitor and pulser sentry.
- Diagnostic test programs for system startup and troubleshooting.
- Report packaging group, cards together or by account and provide itemized reports including MPG, CPM and pricing.
- Personal indemnification number (PIN) entry with automatic lockout.
- Inventory, pump and product total reports.