

**AGENDA ITEM**  
**October 15, 2013**

Subject: Frank E. Peters Golf Course Programmable Logic Control Panel

Department: Parks and Recreation

The Programmable Logic Control for the pump station at the Frank E Peters Golf Course failed on Wednesday, October 9. Dexter Pump Service tested the panel and determined it could not be repaired. Mr. Dexter located a replacement that was in-stock and could be sent overnight at a cost of \$6200. Cost of installation is estimated to be \$1600.

Without the PLC the #1 pump runs continuously which requires two staff to work when watering greens and fairways. Because irrigation fittings are rated for 110 pound of pressure, one staff member is required to move around the course opening valves to prevent over pressurizing lines while the other waters greens and fairways. Without the PLC, staff is estimating pounds per pressure and risk line breakage.

Additionally, the cooling fans on the variable frequency drive do not run when the PLC is bypassed so there is a great risk of VFD failure.

Lifespan of the new PLC is no less than 15 years and up to 20 years. It has an 18 month warranty on parts and labor.

Verbal bids for comparable units were received and ranged between \$12,000 and \$13,000 not to exceed \$15,000.

Due to the PLC being an essential component of the irrigation system, this was an emergency expenditure with work being completed October 11, 12, and 13, 2013.

Clear Form

COMPETITIVE ANALYSIS

BIDDER NO. 1: Dexter Pump Service
CONTACT: John Dexter
PHONE NO.: 816-210-8140 FAX NO.:

Table with 4 columns: QTY., UNIT, DESCRIPTION, PRICE. Row 1: 1, PLC Controller, \$6,200.00

BIDDER NO. 2: Citrus Seven Pump Station Solutions
CONTACT: Bill Silliman
PHONE NO.: (860)977-0080 FAX NO.:

Table with 4 columns: QTY., UNIT, DESCRIPTION, PRICE. Row 1: 1, Watertronics PLC Cotrollor, \$6,673.00

BIDDER NO. 3: Sieman
CONTACT: Andrew
PHONE NO.: (800)633-0405 FAX NO.:

Table with 4 columns: QTY., UNIT, DESCRIPTION, PRICE. Row 1: 1, Sieman PLC, \$12,497.00

Table with 3 columns: SPECIFY SHIPPING, WHO PAYS SHIPPING, PAYMENT TERMS. Includes options for shipping methods and payment terms like Net 30 Days, 1% Ten Days, etc.

Promised Ship Date:
Prepared By: Date:

Bid and Quote Files Retention Requirements

Services and Supplies - Retain 4 years
Capital Improvements - Retain 10 Years after completion of contract

