



## Legislation Text

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**File #:** 18-221, **Version:** 1

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**TO:** Mayor Collins and Town Council Members

**FROM:** Kevin Burke, Town Manager  
Paul Mood, P.E., Town Engineer  
Jeremy Knapp, Engineering Services Analyst

**DATE:** May 24<sup>th</sup>, 2018

**DEPARTMENT:** Engineering

**AGENDA TITLE:**

**Authorize the Town Manager to Execute a Contract with Loftin Equipment Company in an Amount Not to Exceed \$200,915 for the Replacement of the Public Works and Police Department Generator**

**Town Value(s):**

- ☐ Primarily one-acre, residential community
- ☐ Limited government
- ☐ Creating a sense of community
- ☐ Partnerships with existing schools and resorts to enhance recreational opportunities
- ☐ Improving aesthetics/creating a brand
- ☐ Preserving natural open space

**RECOMMENDATION:**

Authorize the Town Manager to execute a contract with Loftin Equipment for the purchase and installation of a new Public Works and Police Department backup generator.

**SUMMARY STATEMENT:**

The replacement of the Public Works / Police Department backup generator is included in the FY18 Capital Improvement Plan. A single generator is used to provide backup power to both buildings so they can provide the critical services often needed during a power outage event. This project will also connect the Court Building to the new backup generator, as planned when the court was constructed in 2014.

The existing generator is approximately 25 years old (its actual age is unknown as it was purchased pre-owned when the Public Safety Building was constructed in 1996). Its current capacity is 300KV, which on full load utilizes 80% of capacity, well above industry standard and not allowing for any further expansion for additional circuitry on the generator. The diesel fuel tank is 250 gallons which provides approximately 20 hours of operation on full load. The annual maintenance contract for this

generator is \$3,800 for load tests and system checks, plus an additional \$10,000 annually for unscheduled maintenance due to failing parts.

The new generator is 30% larger, having a capacity of 400KV. Even with the addition of the court building, the full load will be less than 75%. The diesel fuel storage is 772 gallons, providing over 40 hours of operation on full load. In addition, the new generator meets updated EPA standards for exhaust and will be significantly quieter than the existing generator.

The approval of this contract includes electrical engineering, generator replacement, connection to the Court Building, and all necessary auxiliary equipment (i.e. transformers, transfer switches, etc.) Manufacturing of the new generator takes approximately three months, the installation and site construction is expected to take three weeks.

**BUDGETARY IMPACT:**

This project is budgeted for \$250,000 in the Town's FY18 Capital Improvement Plan. Approval of this project will cost the town \$182,650. In addition, a 10% contingency of \$18,265 is included for a total project cost of \$200,915.

**ATTACHMENT(S):**

Attachment A - Cooperative Purchasing Contract for Generator Replacement