

Incorporated 1876  
"A Progressive Community  
with a proud past"

Village of Coal Valley  
900 1<sup>st</sup> Street  
P.O. Box 105  
Coal Valley, Illinois 61240  
Phone 309-799-3604 Fax 309-799-3651  
www.coalvalleyil.org

Michael Bartels  
Village President

June 5, 2019

The Village of Coal Valley will be accepting bids for the following until end of business on Thursday, June 13, 2019. Please address bids to the Village Administrator, 900 1<sup>st</sup> Street, Coal Valley, IL 61240, or email to [aernst@coalvalleyil.org](mailto:aernst@coalvalleyil.org).

**RE: 400 W 15th Avenue Lift Station**

**Packaged Engine Generator Spec**

**Manufacturer:**

Kohler / Onan

**Summary:**

This section includes installation of packaged pad mounted natural-gas engine generator set with the following features:

- A. Generator to operate at 120/240V, 60 Hz, 3-phase, 4 wire.
- B. Generator to be rated at 40KW.
- C. Transfer switch to be rated at 250V, 60 Hz, with 3R enclosure.
- D. Transfer switch to be 3-pole, solid neutral automatic transfer switch.
- E. Remove and dispose of existing automatic transfer switch (used as a manual transfer switch).
- F. Generator to be pad mounted, natural gas engine, with the following features:
  1. Battery Charger
  2. Starting Battery
  3. Engine Generator Set
  4. Muffler
  5. Outdoor Enclosure
- G. Generator pad to be installed West side of pump control panel.

Annette Ernst  
Village Administrator

Penny Mullen  
Assistant Administrator  
Director of Finance

Deanna Hulliger  
Village Clerk

Jack E. Chick  
Police Chief

Ryan Hamerlinck  
Streets & Parks  
Sewer & Water

Jamie Just  
Building Inspector

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**Installation:**

- A. Comply with packaged engine generator manufacturers' written installation and alignment instructions along with NFPA 110.
- B. Install packaged engine generators level on field fabricated concrete equipment base.
- C. Install packaged engine generator to provide access, without removing connections or accessories, for periodic maintenance.
- D. Install accessories and anchors for complete installation.

**Outdoor Generator Set Sound Enclosure:**

- A. Skid mounted, steel construction with hinged doors.
- B. Vertical air inlet and outlet discharged to redirect air and reduce noise.
- C. Rodent guards and skid end caps to prevent unwanted animal entry.
- D. Engine cooling airflow through enclosure = maintain temperature rise of system components within required limits when unit operates at 110% of rated load for 2 hours with ambient temperature at top of range specified in system service conditions.

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