



**Bid Packet**  
**Purchase and Removal of**  
**6 Caterpillar 3516B**  
**1825KW Prime Gen Sets**  
**Bids Due: 1/31/2023**

Macon Municipal Utilities is collecting bids for the purchase and removal of 6 Caterpillar 3516B 1825KW Prime 13.8 KV (currently being used in 12.47 KV system) High-Voltage Generator Sets along with associated control panels and switchgear. All units will be sold “as is” and are to be removed by 12/31/2023. Bids are to be delivered to the MMU Business Office at 106 W. Bourke Street, Macon, MO 63552 by **1:00 pm on 1/31/2023.**

Successful bidder is requested to carry insurance coverage for the duration of the project in the following amounts.

- **\$1,000,000 Liability**
- **\$2,000,000 Aggregate**
- **\$5,000 Medical**
- **Workers’ Compensation**

The successful bidder will be required to provide a certificate of insurance listing Macon Municipal Utilities as additional insured, and sign a hold-harmless agreement. Successful bidder shall require same of all subcontractors. No provision of this agreement shall constitute a waiver of the member’s right to assert a defense based on sovereign immunity, official immunity or any other immunity available under law. Each bidder must inform himself fully of the conditions relating to the composition of the project and the employment of labor thereon. Failure to do so will not relieve the successful bidder of his obligation to furnish all material and labor necessary to carry out the provisions of this project.

Submission of bid confirms bidder agrees that they understand, and agree to abide by all terms and conditions, responsibilities and specifications of the project. Bidder will be presumed to have inspected the site and to be thoroughly familiar with the project requirements. The failure or omission to do so, shall in no way relieve any bidder from any obligation in respect to his bid.

All work is to be set up and completed by the successful bidder. Successful bidder must provide payment in full before any equipment can be readied for removal. Once work has commenced, the work shall be continuous and the contractor shall not remove their personnel and/or equipment from the City until the work has been completed and approved by MMU personnel. All work must be completed by 12/31/2023. The contractor shall pay liquidated damages to Macon Municipal Utilities of \$400 per day, or portion of day, for each consecutive calendar day thereafter. In addition to the accepted bid, MMU will retain a \$10,000 deposit and return it once removal of the units is complete and the site is satisfactory to MMU.

Macon Municipal Utilities reserves the right to reject any or all bids.



**Bid to Purchase and Remove  
6 Caterpillar 3516B 1825KW  
Prime Generator Sets  
Due 1/31/2023 by 1:00 pm**

**PROJECT SPECIFICATIONS**

Macon Municipal Utilities is collecting bids for the purchase and remove 6 Caterpillar 3516B 1825KW Prime 13.8 KV (currently being used in 12.47 KV system) High-Voltage Generators ranging in hours from 235 to 270. The purchase and removal would also include the associated remote-control cabinets and switchgear. Two units are located at 1411 Noll Drive, Macon, MO 63552 and four units are located at 2105 Kellogg Avenue, Macon, MO 63552. Successful bidder will submit the highest purchase price that incorporates their plan to remove the generator packages and auxiliary pieces of equipment. MMU will be responsible for the electrical disconnecting of all said equipment. MMU will also remove the leftover diesel fuel in all generator sets. Questions and requests can be directed to Matt Meisner at (660) 676-6168 or mmeisner@maconutilities.com.

**Bid Tab:**

Substation 2 – 2 Caterpillar 3516B 1825 Prime 13.8 KV High-Voltage Generator Sets with controls and switchgear.

Serial numbers: 7RN01784 and 7RN01786 model year 2001

\$ \_\_\_\_\_

Substation 3 – 4 Caterpillar 3516B 1825 Prime 13.8 KV High-Voltage Generator Sets with controls and switchgear. Serial numbers: 7RN0194, 7RN0193, 7RN0187, and 7RN0183 model year 2001

\$ \_\_\_\_\_

Total – 6 Caterpillar Generator Sets

\$ \_\_\_\_\_

Deposit to be Refunded

\$ 10,000.00

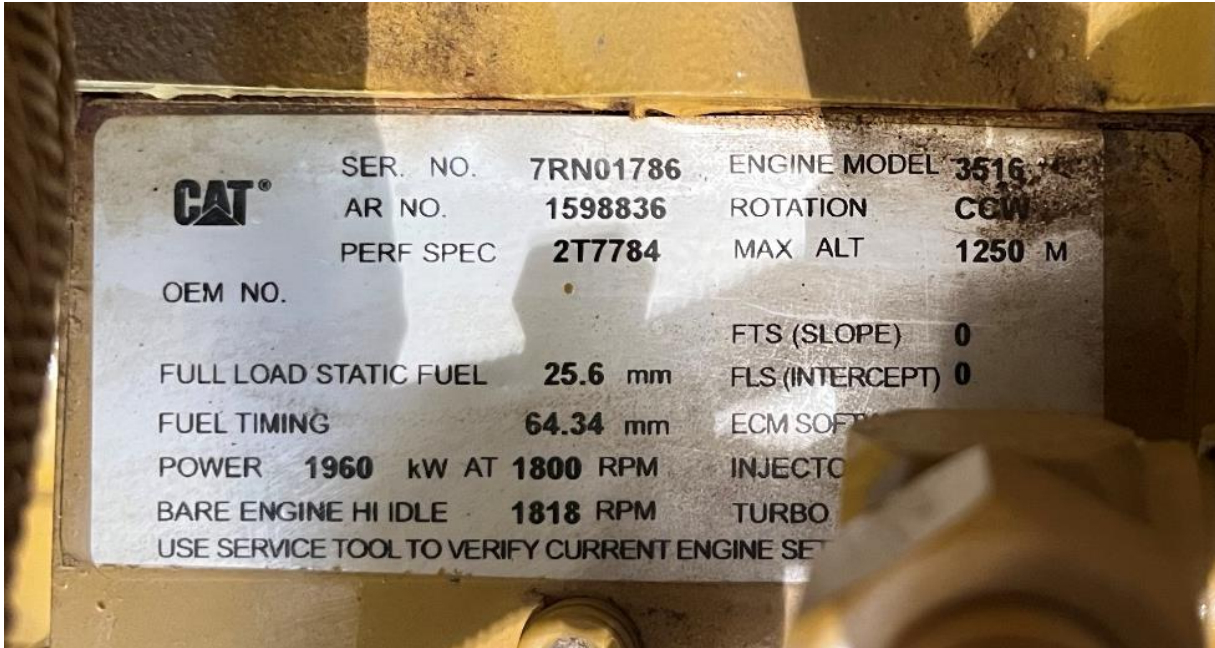
Total Paid to MMU

\$ \_\_\_\_\_

The contractor shall, before any work is accepted by Macon Municipal Utilities, remove from the job site all litter and trash of any kind, and shall leave the area in good condition and ready for its use.

Substation 2, 1411 Noll Drive, Macon, MO 63552







**CATERPILLAR®**

**GENERATOR SET**

SALES MODEL

SEVERE DUTY GENERATOR

**RATING**

KVA  KW  COS  $\phi$   HERTZ

CONTINUOUS  PRIME  STANDBY

GENERATOR DATA

3 PHASE  WIRE

CONNECTION  WYE (STAR)  DELTA

GENERATOR  SERIES  PARALLEL

EXCITATION  VOLTS  AMPS

EXCITATION  VOLTS  AMPS

FRAME  REV/MIN

MAXIMUM TEMPERATURE RISE  °C BY RESISTANCE

°C AMBIENT  METERS ALTITUDE

CLASS  INSULATION

ENCLOSURE TYPE

YEAR

INCLUDE SERIAL NUMBER AND GENERATOR PART NUMBER FROM GENERATOR SERIAL NUMBER PLATE WHEN ORDERING PARTS AND IN CORRESPONDENCE.

GENERATOR FRAME SHOULD BE GROUNDED.

4P-8410 1

**CATERPILLAR®**

BEARING GREASE WITH THE TYPE, AMOUNT AND INTERVAL LISTED BELOW. DO NOT OVERFILL. DO NOT MIX GREASES. ALLOW THE GREASE TO PURGE BY RUNNING THE GENERATOR WITH THE DRAIN TUBE OPEN FOR APPROXIMATELY ONE HOUR. CLOSE THE DRAIN TUBE.

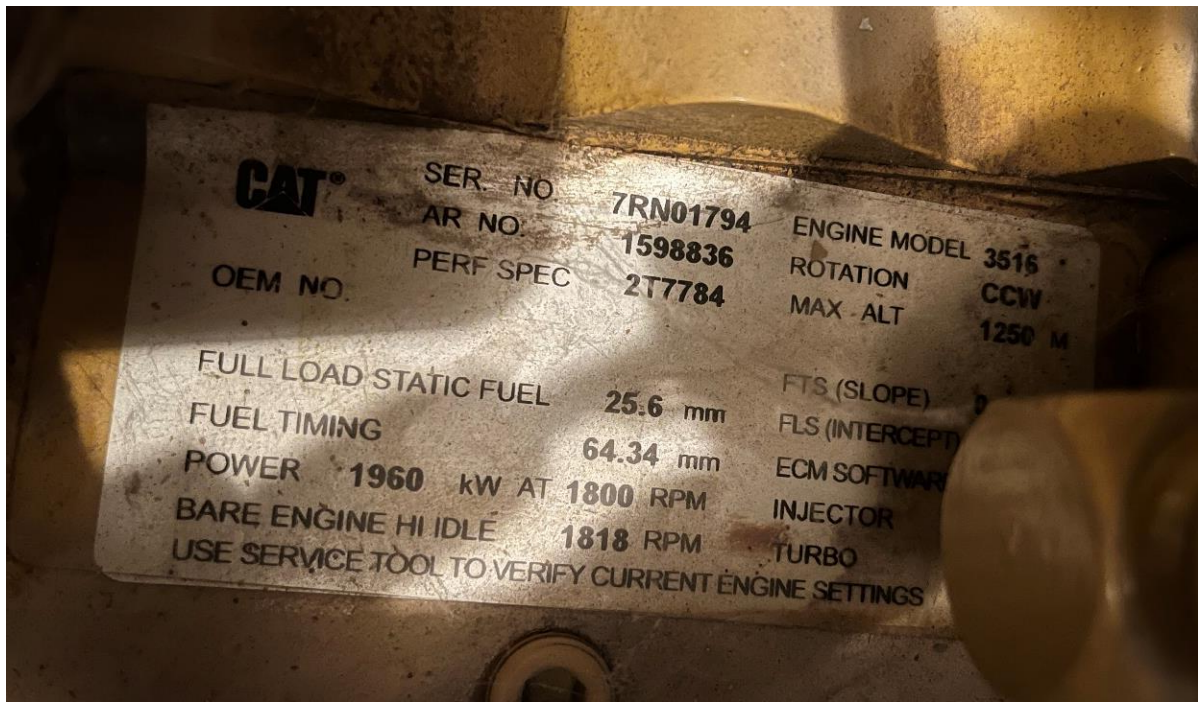
EXCITER END	DRIVE END
GREASE PART NO.	
<input type="text" value="2S-3230"/>	<input type="text" value="2S-3230"/>
INTERVAL (SERVICE HOURS/MONTHS WHICHEVER COMES FIRST)	
<input type="text" value="2000"/>	<input type="text" value="2000"/>
WEIGHT (OZ/g)	
<input type="text" value="2.4 OZ/68 g"/>	<input type="text" value="3.0 OZ/85 g"/>
VOLUME (FLUID OZ/mL)	
<input type="text" value="2.7 OZ/79 mL"/>	<input type="text" value="3.0 OZ/85 mL"/>

REFER TO THE OPERATION AND MAINTENANCE MANUAL FOR ADDITIONAL LUBRICATION AND MAINTENANCE INFORMATION.

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Substation 3, 2105 Kellogg Avenue, Macon, MO 63552

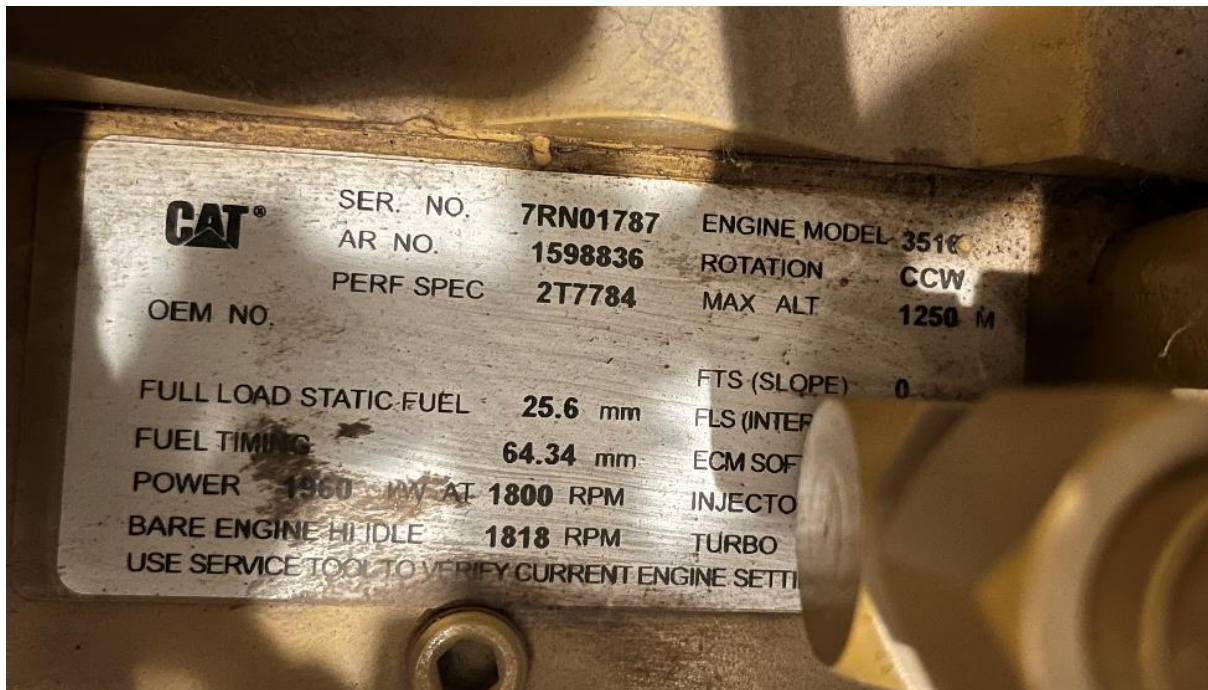




**CAT** SER. NO. 7RN01794 ENGINE MODEL 3516  
AR NO. 1598836 ROTATION CCW  
OEM NO. PERF SPEC 2T7784 MAX ALT 1250 M

FULL LOAD STATIC FUEL 25.6 mm FTS (SLOPE) 0  
FUEL TIMING 64.34 mm FLS (INTERCEPT) 0  
POWER 1960 kW AT 1800 RPM ECM SOFTWARE 0  
BARE ENGINE HI IDLE 1818 RPM INJECTOR 0  
TURBO 0

USE SERVICE TOOL TO VERIFY CURRENT ENGINE SETTINGS



**CAT** SER. NO. 7RN01787 ENGINE MODEL 3516  
AR NO. 1598836 ROTATION CCW  
OEM NO. PERF SPEC 2T7784 MAX ALT 1250 M

FULL LOAD STATIC FUEL 25.6 mm FTS (SLOPE) 0  
FUEL TIMING 64.34 mm FLS (INTERCEPT) 0  
POWER 1960 kW AT 1800 RPM ECM SOFTWARE 0  
BARE ENGINE HI IDLE 1818 RPM INJECTOR 0  
TURBO 0

USE SERVICE TOOL TO VERIFY CURRENT ENGINE SETTINGS

