



**MEMORANDUM**

**Date:** October 31, 2017  
**To:** Grant Riemer, Public Works Superintendent  
**From:** Kevin Kielb, P.E., Project Manager  
**Subject:** Quote Results and Recommendation  
**Well House #3 Standby Generator Improvement Project**  
**City Project No: #17-06**

Quotes were requested from three electrical contractors for the Well House #3 Standby Generator Improvement project. Two of the contractors immediately responded they would not be submitting a quote. Killmer Electric submitted the attached quote on October 27, 2017.

Killmer Electric performs the majority of electrical work for water systems and waste water systems in the Twin Cities. Additionally, Total Control Systems performs the City's controls related work and was a required subcontractor for the project.

Based on additional research, it was found that changing from a natural gas generator to a City-procured, diesel generator would reduce project costs significantly, while providing equal benefit to the City.

Our initial estimate for the project was \$95,000. Killmer Electric's quote was \$90,500, with the diesel generator being purchased by the City. The City will purchase the generator through the National Joint Powers Alliance for a price of \$53,684.61. The total project cost is \$144,184.61. The cost increase (above the estimate) is attributed to: additional improvements to the Well House (totaling \$45,000) including Variable Frequency Drives (VFDs), Motor Control Center (MCC), and additional power wiring.

Three quotes were requested for the project. Responses are as follows:

<b>CONTRACTOR</b>	<b>TOTAL QUOTE</b>
Killmer Electric	\$90,500.00
Meier Electric	Did not Submit
Levin Electric	Did not Submit

Based on conversations with Killmer Electric, other electrical contractors, Total Control Systems, and generator suppliers, it appears unlikely that re-bidding the work would result in reduced pricing.

A majority of the work will be completed by the end of February, 2018, but delivery times associated with the generator and transfer switch will result in project completion in March, 2018.

Our recommendation is to perform the following:

- Award the project, as Quoted, to Killmer Electric.
- Order the generator through the National Joint Powers Alliance.

**ATTACHMENTS**

- Killmer Electric Company, Inc. Quote
- Email Responses from Levin Electric and Meier Electric
- Ziegler Generator Quote through the National Joint Powers Alliance

**SECTION 00410 - BID FORM**

Well No. 3 Generator  
City of Ramsey

**ARTICLE 1 - BID RECIPIENT**

1.01 This Bid is submitted to:  
City of Ramsey  
7550 Sunwood Drive NW  
Ramsey, MN 55303-6140

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

**ARTICLE 2 - BIDDER'S ACKNOWLEDGEMENTS**

2.01 Bidder accepts all of the terms and conditions of the Advertisement or Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 61 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

**ARTICLE 3 - BIDDER'S REPRESENTATIONS**

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, and any data and reference items identified in the Bidding Documents, and hereby acknowledges receipt of the following Addenda:

Addendum No.	Addendum Date
None.	
_____	_____
_____	_____
_____	_____

- B. Bidder has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfied itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
- C. Bidder is familiar with and has satisfied itself as to all Laws and Regulations that may affect cost, progress, and performance of the Work.
- D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.

- E. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and any Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder; and (3) Bidder's safety precautions and programs.
- F. Bidder agrees, based on the information and observations referred to in the preceding paragraph, that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and confirms that the written resolution thereof by Engineer is acceptable to Bidder.
- I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work.
- J. The submission of this Bid constitutes an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, and that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

**ARTICLE 4 - BIDDER'S CERTIFICATION**

4.01 Bidder certifies that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
  - 1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process;
  - 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
  - 3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
  - 4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

**ARTICLE 5 - BASIS OF BID**

5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price:

- A. Bidder will complete the work in accordance with the Contract Documents at the lump sum price shown in the attached Bidding Schedule.

**ARTICLE 6 - TIME OF COMPLETION**

- 6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

**ARTICLE 7 - ATTACHMENTS TO THIS BID**

- 7.01 The following documents are submitted with and made a condition of this Bid:
  - A. Required Bid security (Section 00430 – Bid Bond)

**ARTICLE 8 - DEFINED TERMS**

- 8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

**BIDDING SCHEDULE**

Well No. 3 Generator

Ramsey, Minnesota

Bidder agrees to perform all of the work described in the CONTRACT DOCUMENTS for the following lump sums:

NOTE: BIDS shall include sales tax and all applicable taxes and fees.

TOTAL PROJECT BASE BID PRICE

1. Construction of all Facilities as shown on the Contract Drawings and as specified in the Contract Specifications. \$ 90,500.00

( Ninety Thousand, Five-Hundred and 00/100-----

DOLLARS)

\*\*\*\* END OF SECTION \*\*\*\*

**ARTICLE 9 - BID SUBMITTAL**

BIDDER:

Killmer Electric Company, Inc.

By:  
[Signature]

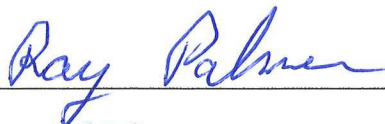


[Printed name]

Brian Palmer, President

*(If Bidder is a corporation, a limited liability company, a partnership, or a joint venture, attach evidence of authority to sign.)*

Attest:  
[Signature]



[Printed name]

Raymond Palmer

Title:

Secretary

Submittal Date:

October 27, 2017

Address for giving notices:

5141 Lakeland Ave N

Crystal, MN 55429

Telephone Number:

763-425-2525

Fax Number:

763-424-1258

Contact Name and e-mail address:

Matthew Pettit

[mpettit@killmerelectric.com](mailto:mpettit@killmerelectric.com)

Bidder's License No.:

EA001003

*(where applicable)*

NOTE TO USER: Use in those states or other jurisdictions where applicable or required.



SECTION 00415 – RESPONSIBLE CONTRACTOR – PROPOSAL ATTACHMENT

Page 1 of 2

INITIAL CONTRACTOR VERIFICATION OF COMPLIANCE

By signing this document I certify that I am an owner or officer of the company, and I swear under oath that:

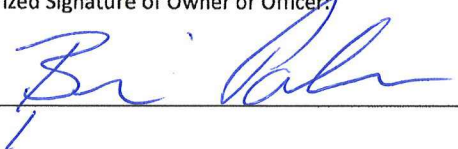
My company meets each of the minimum criteria in subclauses (1) – (6) of Minn. Stat. § 16C.285, subd. 3, the Responsible Contractor statute.

The undersigned understands that a failure to meet or verify compliance with the minimum criteria established for a “responsible contractor” as defined in Minn. Stat. § 16C.285, subd. 3, renders a bidder ineligible to be awarded a construction contract for the Project or to perform work on the Project.

The undersigned understands that a false statement under oath verifying compliance with any of the minimum criteria shall make the undersigned, ineligible to be awarded a construction project and may result in termination of a contract awarded to the undersigned. A contracting authority shall not be liable for declining to award a contract or terminating a contract based on a reasonable determination that the contractor failed to verify compliance with the minimum criteria or falsely stated that it meets the minimum criteria.

The undersigned understands that, if the undersigned is the apparent low bidder, the undersigned will be required to submit a supplemental verification under oath as a condition precedent to the execution of the contract. If the undersigned fails to provide the required supplemental verification, it could forfeit its bid bond.

I have attached a list of all of my company’s first-tier subcontractors that I intend to retain for work on the project.

Initial Contractor Verification of Compliance - 2017 Puma Street Utility Improvements	
Authorized Signature of Owner or Officer: 	Printed Name:  Brian Palmer
Title:  President	Date:  October 27th, 2017
Company Name:  Killmer Electric Co, Inc.	

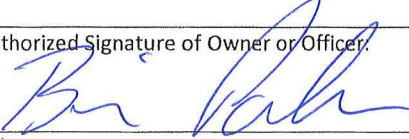
SECTION 00415 – RESPONSIBLE CONTRACTOR – PROPOSAL ATTACHMENT

Page 2 of 2

SUBCONTRACTORS LIST

SUBCONTRACTOR NAMES (Legal name of company as registered with the Secretary of State)	Name of City Where Company Home Office is Located
No Subcontractors, Only Suppliers	

Attach additional sheets if necessary.

Subcontractors List - 2017 Puma Street Utility Improvements	
Authorized Signature of Owner or Officer: 	Printed Name: <b>Brain Palmer</b>
Title: <b>President</b>	Date: <b>October 27, 2017</b>
Company Name: <b>Killmer Electric Company, Inc.</b>	

# THE AMERICAN INSTITUTE OF ARCHITECTS



AIA Document A310

## Bid Bond

**KNOW ALL MEN BY THESE PRESENTS**, that we

**Killmer Electric Co., Inc.**  
5141 Lakeland Avenue North  
Crystal, MN 55429

as Principal, hereinafter called Principal, and

**United Fire & Casualty Company**  
P. O. Box 73909, 118 2nd Avenue SE  
Cedar Rapids, IA 52407-3909

a corporation duly organized under the laws of the State of **Iowa**  
as Surety, hereinafter called Surety, are held and firmly bound unto

**City of Ramsey**  
7550 Sunwood Drive NW  
Ramsey, MN 55303-6140

as Obligee, hereinafter called Obligee, in the sum of **Five Percent (5%) of Total Amount Bid**

Dollars ( 5% ),  
for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for \_\_\_\_\_ (Here insert full name, address and description of project)


**Well No. 3 Generator**


NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the Work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this 27th day of October, 2017.

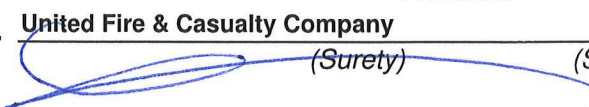
  
\_\_\_\_\_  
(Witness)

**Killmer Electric Co., Inc.**

 (Principal) (Seal)  
\_\_\_\_\_  
(Title) **Brian Palmer**  
President

  
\_\_\_\_\_  
(Witness)

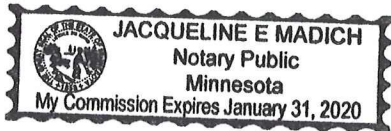
**United Fire & Casualty Company**

 (Surety) (Seal)  
\_\_\_\_\_  
(Title)  
**Lin Ulven, Attorney-in-Fact**

CORPORATE ACKNOWLEDGMENT

State of Minnesota )  
 ) ss  
County of Hennepin )

On this 27th day of October 2017, before me appeared Brian Palmer, to me personally known, who, being by me duly sworn, did say that he/she is the President of Killmer Electric Co., Inc., a corporation, that the seal affixed to the foregoing instrument is the corporate seal of said corporation, and that said instrument was executed in behalf of said corporation by authority of its Board of Directors, and that said Brian Palmer acknowledged said instrument to be the free act and deed of said corporation.

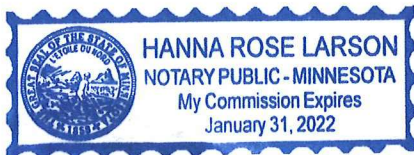


Jacqueline E Madich  
Notary Public Hennepin County, MN  
My commission expires 1-31-20

SURETY ACKNOWLEDGMENT

State of Minnesota )  
 ) ss  
County of Hennepin )

On this 27th day of October 2017, before me appeared Lin Ulven, to me personally know, who being by me duly sworn, did say that (s)he is the Attorney-in-Fact of United Fire & Casualty Company, a corporation, that the seal affixed to the foregoing instrument is the corporate seal of said corporation and that said instrument was executed in behalf of said corporation by authority of its Board of Directors; and that said Lin Ulven acknowledged said instrument to be the free act and deed of said corporation.



Lin Ulven  
Notary Public Hennepin County, Minnesota  
My commission expires 1/31/2022



UNITED FIRE & CASUALTY COMPANY, CEDAR RAPIDS, IA  
UNITED FIRE & INDEMNITY COMPANY, WEBSTER, TX  
FINANCIAL PACIFIC INSURANCE COMPANY, ROCKLIN, CA  
CERTIFIED COPY OF POWER OF ATTORNEY

Inquiries: Surety Department  
118 Second Ave SE  
Cedar Rapids, IA 52401

(original on file at Home Office of Company - See Certification)

KNOW ALL PERSONS BY THESE PRESENTS, That UNITED FIRE & CASUALTY COMPANY, a corporation duly organized and existing under the laws of the State of Iowa; UNITED FIRE & INDEMNITY COMPANY, a corporation duly organized and existing under the laws of the State of Texas; and FINANCIAL PACIFIC INSURANCE COMPANY, a corporation duly organized and existing under the laws of the State of California (herein collectively called the Companies), and having their corporate headquarters in Cedar Rapids, State of Iowa, does make, constitute and appoint R.W. FRANK, JOHN E. TAUER, JOSHUA R. LOFTIS, TED JORGENSEN, R.C. BOWMAN, NICOLE STILLINGS, RACHEL THOMAS, CRAIG REMICK, LIN ULVEN, BRIAN J. OESTREICH, JEROME T. OUIMET, SANDRA M. ENGSTRUM, COLBY D. WHITE, MELINDA C. BLODGETT, KURT C. LUNDBLAD, EACH INDIVIDUALLY of MINNEAPOLIS MN

their true and lawful Attorney(s)-in-Fact with power and authority hereby conferred to sign, seal and execute in its behalf all lawful bonds, undertakings and other obligatory instruments of similar nature provided that no single obligation shall exceed \$100,000,000.00 and to bind the Companies thereby as fully and to the same extent as if such instruments were signed by the duly authorized officers of the Companies and all of the acts of said Attorney, pursuant to the authority hereby given and hereby ratified and confirmed.

The Authority hereby granted is continuous and shall remain in full force and effect until revoked by UNITED FIRE & CASUALTY COMPANY, UNITED FIRE & INDEMNITY COMPANY, AND FINANCIAL PACIFIC INSURANCE COMPANY.

This Power of Attorney is made and executed pursuant to and by authority of the following bylaw duly adopted on May 15, 2013, by the Boards of Directors of UNITED FIRE & CASUALTY COMPANY, UNITED FIRE & INDEMNITY COMPANY, and FINANCIAL PACIFIC INSURANCE COMPANY.

“Article VI – Surety Bonds and Undertakings”

Section 2, Appointment of Attorney-in-Fact. “The President or any Vice President, or any other officer of the Companies may, from time to time, appoint by written certificates attorneys-in-fact to act in behalf of the Companies in the execution of policies of insurance, bonds, undertakings and other obligatory instruments of like nature. The signature of any officer authorized hereby, and the Corporate seal, may be affixed by facsimile to any power of attorney or special power of attorney or certification of either authorized hereby; such signature and seal, when so used, being adopted by the Companies as the original signature of such officer and the original seal of the Companies, to be valid and binding upon the Companies with the same force and effect as though manually affixed. Such attorneys-in-fact, subject to the limitations set forth in their respective certificates of authority shall have full power to bind the Companies by their signature and execution of any such instruments and to attach the seal of the Companies thereto. The President or any Vice President, the Board of Directors or any other officer of the Companies may at any time revoke all power and authority previously given to any attorney-in-fact.

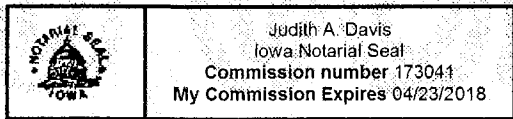
IN WITNESS WHEREOF, the COMPANIES have each caused these presents to be signed by its vice president and its corporate seal to be hereto affixed this 27th day of March, 2014

UNITED FIRE & CASUALTY COMPANY  
UNITED FIRE & INDEMNITY COMPANY  
FINANCIAL PACIFIC INSURANCE COMPANY

By: *Dennis J. Richmann* Vice President

State of Iowa, County of Linn, ss:  
On 27th day of March, 2014, before me personally came Dennis J. Richmann

to me known, who being by me duly sworn, did depose and say, that he resides in Cedar Rapids, State of Iowa; that he is a Vice President of UNITED FIRE & CASUALTY COMPANY, a Vice President of UNITED FIRE & INDEMNITY COMPANY, and a Vice President of FINANCIAL PACIFIC INSURANCE COMPANY the corporations described in and which executed the above instrument; that he knows the seal of said corporations; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporations and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporations.

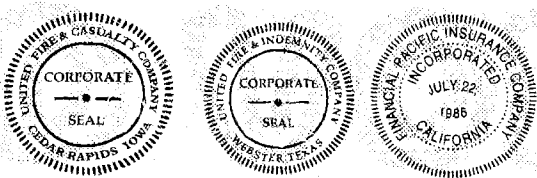


*Judith A. Davis* Notary Public  
My commission expires: 04/23/2018

I, David A. Lange, Secretary of UNITED FIRE & CASUALTY COMPANY and Assistant Secretary of UNITED FIRE & INDEMNITY COMPANY, and Assistant Secretary of FINANCIAL PACIFIC INSURANCE COMPANY, do hereby certify that I have compared the foregoing copy of the Power of Attorney and affidavit, and the copy of the Section of the bylaws and resolutions of said Corporations as set forth in said Power of Attorney, with the ORIGINALS ON FILE IN THE HOME OFFICE OF SAID CORPORATIONS, and that the same are correct transcripts thereof, and of the whole of the said originals, and that the said Power of Attorney has not been revoked and is now in full force and effect.

In testimony whereof I have hereunto subscribed my name and affixed the corporate seal of the said Corporations  
this 27<sup>th</sup> day of October, 20 17.

By: *David A. Lange*  
Secretary, UF&C  
Assistant Secretary, UF&I/FPIC



**Kevin Kielb**

---

**Subject:** FW: City of Ramsey - 200 kW Generator for Well No. 3 - Request for Bid

**From:** Levin Electric [<mailto:levinelectric@yahoo.com>]

**Sent:** Tuesday, October 10, 2017 9:28 AM

**To:** Jason Cook <[jasonco@bolton-menk.com](mailto:jasonco@bolton-menk.com)>

**Subject:** Re: City of Ramsey - 200 kW Generator for Well No. 3 - Request for Bid

not interested THANKS FOR THE INVITE

On Monday, October 9, 2017 4:20 PM, Jason Cook <[jasonco@bolton-menk.com](mailto:jasonco@bolton-menk.com)> wrote:

Les,

The City of Ramsey has put together the attached project manual for the installation of a 200 kW Generator at Well No. 3.

Please review the attached document and let me know if you would be interested in bidding this project.

A hard copy of the project manual has also been sent to you for your consideration.

If you are not interested, please let me know as well.

Thank you,

**Jason W Cook P.E. (MN, ND)**

Project Manager

**Bolton & Menk, Inc.**

7533 Sunwood Drive NW, Suite 206

Ramsey, MN 55303-5119

Phone: 763-433-2851 ext. 2693

Mobile: 763-200-2444

**Bolton-Menk.com**

---

This email has been scanned by the Symantec Email Security.cloud service.

For more information please visit <http://www.symanteccloud.com>

---

---

This email has been scanned by the Symantec Email Security.cloud service.

For more information please visit <http://www.symanteccloud.com>

---

## Kevin Kielb

---

**Subject:** FW: City of Ramsey - 200 kW Generator for Well No. 3 - Request for Bid

**From:** Mike Meier [<mailto:mike@meierelectric.com>]

**Sent:** Tuesday, October 10, 2017 9:31 AM

**To:** Jason Cook <[jasonco@bolton-menk.com](mailto:jasonco@bolton-menk.com)>

**Subject:** RE: City of Ramsey - 200 kW Generator for Well No. 3 - Request for Bid

Jason,

Thank you for the opportunity to bid this project, unfortunately I must decline.

The Project Location and quick completion date is not a good fit with our current schedule.

Thank you,

Mike

---

**From:** Jason Cook [<mailto:jasonco@bolton-menk.com>]

**Sent:** Monday, October 09, 2017 4:18 PM

**To:** 'mike@meierelectric.com'

**Subject:** City of Ramsey - 200 kW Generator for Well No. 3 - Request for Bid

Mike,

The City of Ramsey has put together the attached project manual for the installation of a 200 kW Generator at Well No. 3.

Please review the attached document and let me know if you would be interested in bidding this project.

A hard copy of the project manual has also been sent to you for your consideration.

If you are not interested, please let me know as well.

Thank you,

**Jason W Cook P.E. (MN, ND)**

Project Manager

**Bolton & Menk, Inc.**

7533 Sunwood Drive NW, Suite 206

Ramsey, MN 55303-5119

Phone: 763-433-2851 ext. 2693

Mobile: 763-200-2444

**[Bolton-Menk.com](http://Bolton-Menk.com)**

Date: October 20, 2017



Proposal No. EPG238236rev2

8050 County Road 101East  
Shakopee, MN 55379  
952-887-4574

To: City of Ramsey

Re: Caterpillar Standby Generator  
NJPA Contract #080613 – Ramsey Member #17939

Attn: Mr. Grant Riemer

“Well House No. 3”

*WE PROPOSE TO FURNISH IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS, TERMS AND CONDITIONS*

- QUANTITY: One (1) new Caterpillar generator set in level 2 outdoor insulated/sound attenuated Enclosure rated 73dBA @ 23 feet
- MODEL: D200 (Diesel)
- RATING: 200kW Standby Rated
- VOLTAGE: 480/277 volts, 3 phase, 4 wire, 60 HZ, 1800 RPM
- CIRCUIT BREAKER: One (1) ABB mainline adjustable LSI circuit breaker, 400 amps  
3 poles, 100% rated w/ aux contacts & shunt trip
- FUEL TANK: UL listed 408 gallon sub base fuel tank, 24 hour capacity, locking fuel fill
- SWITCHGEAR: None
- WARRANTY: Four (4) years, 2000 hours
- INSTALLATION: By others

<b>CATERPILLAR LIST PRICE:</b>	<b>\$ 68,195 .00</b>
<b>NJPA DISCOUNT 33%:</b>	<b><u>(\$ 25,504 .35)</u></b>
<b>GENERATOR PRICE:</b>	<b>\$ 42,690 .65</b>
<b>FACTORY FREIGHT:</b>	<b>\$ 3,900 .96</b>
<b>DEALER PREP:</b>	<b>\$ 3,859 .00</b>
<b>DELIVERY TO RAMSEY, MN:</b>	<b>\$ 765 .00</b>
<b>STARTUP :</b>	<b><u>\$ 2,469 .00</u></b>
<b>NJPA BID PRICE:</b>	<b>\$ 53,684.61*</b>

*\*Please refer to the attached Bill of Material.*

**APPROXIMATE SHIPPING:** 12-14 weeks after submittal approval

**F.O.B.** Jobsite, on truck

**TERMS:** Net 20 days

**THIS PROPOSAL SUBJECT TO ALL PROVISIONS OF THE CONTRACT AND WARRANTY ON REVERSE SIDE**

**ACCEPTED:**

*Respectfully submitted,*  
**ZIEGLER INC.**

By: Logan Cameron  
Logan Cameron, Sales Engineer

By \_\_\_\_\_ Subject to approval by  
**ZIEGLER INC.**

**APPROVED:**

Its \_\_\_\_\_ By \_\_\_\_\_

# ***BILL OF MATERIAL***

***EPG238236rev2***

***- 1 -***

**ONE (1) EMERGENCY STANDBY GENERATOR SET, RATED AT 200KW STANDBY, 3 PHASE, 60 HZ, 480/277 VOLT, 1800 RPM.**

## **ENGINE SPECIFICATIONS**

Meets EPA Regulations – UL2200 listed / NFPA110 Compliant

C7.1 In-line 6, 4-cycle diesel

Electronic governor

Oil filter, spin-on type

Radiator cooling system, blower fan

Water pump

12V. DC starting system

Jacket water heater, 120 volt, 1500 watt

Alternator, 30 ampere, 12 VDC

Fuel system: Diesel

## **STANDARD ENGINE SAFETY FEATURES**

Shutdowns with individual warning lamps

Fail to start / over-crank

High coolant temperature

Low lube oil pressure

Over-speed

Over-voltage

## **GENERATOR SPECIFICATIONS**

Class H insulation, rotor and stator, single bearing design

Flexible coupling

Brushless excitation

Solid-state regulator, +/- 1. % regulation

Permanent magnetic generator (PMG)

Generator anti-condensation heater

UL mainline circuit breaker, 400 amps, 3 poles, 100% rated, adjustable LSI trip, shunt & aux contacts

## **SYSTEM CONTROLS**

- Voltage (all phases) • Current (all phases)
- Power factor • kW
- KVAR
- Transfer switch status
- Engine speed
- Low fuel pressure
- Run hours
- Service reminders
- Fault history
- Oil pressure
- Coolant temperature
- Time and date
- Low oil pressure shutdown
- High coolant temperature shutdown
- Overvoltage
- Over-speed
- Low coolant level
- Exercise speed
- Protection

# **BILL OF MATERIAL**

**EPG238236rev2**

**- 2 -**

Fail to start shutdown  
Low oil pressure shutdown  
Low/High battery voltage  
Battery charger failure  
Under-speed/Over-speed  
Loss of engine speed detection□□

- IT function for alternator protection from line to neutral and line to line short circuits
- Emergency stop
- Programmable auto crank function
- 2 wire start for any transfer switch
- Adjustable engine speed at exerciser
- RS232 port for GenLink® control
- RS485 port remote communication
- Canbus addressable
- Governor controller and voltage regulator are built into the master control board
- Temperature range -40 °C to 70 °C

## **SWITCHGEAR**

NONE

## **ANCILLARY EQUIPMENT**

Enclosure, Level 2 outdoor insulated/sound attenuated rating of 73dBA @ 23 feet  
Dual wall UL listed sub-base fuel tank, 24 hour capacity (408 gallons), lockable fuel fill cap  
Color, CAT White  
Battery charger, 10 ampere, static, generator mounted  
Battery, with battery rack and cables  
Exhaust silencer  
Exhaust-flex connector  
Motorized louvers, 100A load center panel, gravity dampers  
Interior AC lights  
GFCI convenience outlet

## **PROJECT MANAGEMENT SERVICES**

Submittal drawings

- { Dimensional drawings
- { Electrical schematics
- { Product specifications

Prototype testing/Production testing

Jobsite startup

- { Operation and maintenance manual, Engine, generator

Warranty, four (4) years – 2000 hours (*\*included at no cost with NJPA purchases*)

Four (4) hours training of owner's personnel - at the time of jobsite testing and start-up

Four (4) hour load bank testing on site

Delivery to jobsite by Ziegler CAT

## **COMMENTS AND CLARIFICATIONS**

Installation provided by others

Fuel not included

Crane is not included

Concrete pad is not included

# ***BILL OF MATERIAL***

***EPG238236rev2***

**- 3 -**

## **NOTES**

Ziegler limits the scope of supply for this quotation to the equipment and services listed.

Equipment not listed is assumed to be provided by others.

Ziegler cannot provide air emission permits for customers. We will provide emission information on the Caterpillar engine to the owner to aid in the permitting process.

Orders are subject to re-stocking charges if cancelled after release for production.

Mechanical and electrical installation provided by others.

State and local permits for fire, air, fuel tanks or building permits are not included and provided by others.

Start-up labor is to be performed during normal business hours, Monday through Friday 7:30 am to 4:00 pm. Training is to be performed at the end of start-up. Additional trips or delays required or requested due to contractor delay and/or issues with equipment not provided from Ziegler Power Systems will be billed at published field service rates.

## **Terms:**

- Extension of contract beyond term must be at the mutual agreement of the parties.
- Ziegler Inc. shall not be liable for consequential damages or damages beyond our control.
- This quotation is subject to availability at time of order
- Customer is responsible for adequate site conditions and security.
- Customer is responsible for scheduled maintenance and fuel costs.
- Customer must provide adequate insurance to cover equipment damage or loss.
- Price(s) do not include state or local sales and/or use taxes.
- Quotation is valid for 90 days.

## **PROVISIONS OF THE CONTRACT AND WARRANTY**

The prices quoted are current and are subject to change to those in effect at the time of shipment. Caterpillar products are sold subject to the terms of the applicable Caterpillar warranty. Copies of the warranties applicable to this purchase are attached hereto, and the purchaser by signing this order acknowledges receipt of the Caterpillar warranties on Forms.

The Purchaser agrees to pay any and all taxes, assessments, licenses, and government charges of every kind and nature whatsoever upon said equipment which may be imposed or assessed against or resulting to the Seller on account of the possession or use of said equipment by Purchaser. All provisions hereof are contingent upon government restrictions, strikes, and accidents, delays of carrier and other delays unavoidable and beyond Seller's control.

It is intended and understood that title and ownership of said equipment is and shall remain vested in the Seller, notwithstanding delivery or possession, until the entire price is paid in full.