



Date: June 02, 2023

To: (CITY OF SANGER)

Quote is Valid 30 Days

Attn: JIM BOLZ

Reference: CITY OF SANGER

BUY BOARD CONTRACT # 657-21

QTY	FIRE STATION	TOTAL PRICE
1	Generac 100 kW, Natural Gas Fueled Generator Package M/N: • SG0100AG269.0N18HBYYG 120/240 Volts, 1 Phase, 60HZ LEAD TIME 24-30 WEEKS Proposal Includes Install (1) provided 100KW generator 240-volt single phase. Install (1) provided 400 amp ATS Furnish and install conduit and feeders as required. Provide crane to install generator. Provide concrete generator Pad. Provide concrete bollards by code. Provide gas line to feed generator. Provide conduit and wire for controls of generator.	\$140,189.00
1	Generac 400 AMP Transfer Switch M/N: • TX301NS0400A2CH 120/240 Volts, 1 Phase, NEMA-3R Enclosure SER	

Equipment Proposed: FIRE STATION- PER DISCOVERY

Quantity 1 - Generac Industrial gaseous 9.0L V-8 engine-driven generator, consisting of the following features and accessories:

- Stationary Emergency-Standby rated
- 100 kW Rating, wired for 120/240 VAC single phase, 60 Hz
- Brushless Excitation
- Standard Weather Protective Enclosure, Steel
 - Industrial Grey Baked-On Powder Coat Finish
- UL2200
- EPA Non Emergency
- H-100 Control Panel
 - Meets NFPA 99 and 110 requirements
 - Temp Range -40 to 70 degrees C
 - Digital Microprocessor:
 - Two 4-line x 20 displays, full system status
 - 3 Phase sensing, +/-0.25% digital voltage regulation
 - RS232, RS485 and Canbus remote ports
 - Waterproof connections
 - All engine sensors are 4-20ma for minimal interference
 - Programmable I/O
 - Built-in PLC for special applications
 - Engine function monitoring and control:
 - Full range standby operation; programmable auto crank, Emergency Stop, Auto-Off-Manual switch
 - Isochronous Governor, +/-0.25% frequency regulation
 - Full system status on all AC output and engine function parameters

- Service reminders, trending, fault history (alarm log)
 - I2T function for full generator protection
 - Selectable low-speed exercise
 - 2-wire start controls for any 2-wire transfer switch
- Natural Gas fuel system
- 110 AH, 925 CCA Group 31 Battery, with rack, installed
- Standard MLCB, 80% rated thermal-magnetic
 - 500 Amp
- Battery Charger, 10 Amp, NFPA 110 compliant, installed
- Coolant Heater, 1500W, 120VAC
- Std set of 3 Manuals
- 120V GFCI and 240V Outlet
- Flex Fuel Line
- Standard 2-Year Limited Warranty
- SG0100AG269.0N18HBYYG

Quantity 1 - TRANSFER SWITCH - TX SERIES

- 400 Amp, 2 pole, 120/240 VAC single phase, 60 Hz, with 2-Wire Start Circuit
 - Utility Voltage Sensing Controls:
 - Adjustable Drop-out and Pick-up
 - Adjustable Utility Interrupt Delay
 - Adjustable Logic Controls:
 - Minimum Standby Voltage
 - Minimum Standby Frequency
 - Engine Warmup
 - Return to Utility
 - Engine Cooldown
 - Transfer on Exercise
- 3 Owner's Manuals
- Double Set of Form C Aux Cont
- IBC Seismic Certified
- Specific Breaker
- Withstand and Close-On Rating - 65kA Specific Breaker
- Enclosure Heater
- UL Listed 1008 by ETL
- Controller and Circuit Breaker Covers, Padlockable, Black
- NEMA 3R Enclosure
- Service Entrance Rated
- Specific Breaker
- In Phase Only Transfer
- Standard two year basic warranty
- TX301NS0400A2CH

QTY	CITY HALL	TOTAL PRICE
1	Generac 150 kW, Natural Gas Fueled Generator Package M/N: • SG0150GG269.0S18HPYYG 120/208 Volts, 3 Phase, 60HZ LEAD TIME 24-30 WEEKS Proposal Includes Install (1) provided 150KW generator 208-volt three phase. Install (1) provided 400 amp ATS Furnish and install conduit and feeders as required. Provide crane to install generator. Provide concrete generator Pad. Provide concrete bollards by code. Provide mechanical to install natural gas line. Provide conduit and wire for controls of generator.	\$130,406.00
1	Generac 400 AMP Transfer Switch M/N: • TX301NS0400G3CH 120/208 Volts, 3 Phase, NEMA-3R Enclosure SER	

Equipment Proposed: CITY HALL- PER DISCOVERY

Quantity 1 - Generac Industrial gaseous 9.0L V-8 engine-driven generator, consisting of the following features and accessories:

- Stationary Emergency-Standby rated
- 150 kW Rating, wired for 120/208 VAC three phase, 60 Hz
- Permanent Magnet Excitation
- Standard Weather Protective Enclosure, Steel
 - Industrial Grey Baked-On Powder Coat Finish
- UL2200
- EPA Non Emergency
- H-100 Control Panel
 - Meets NFPA 99 and 110 requirements
 - Temp Range -40 to 70 degrees C
 - Digital Microprocessor:
 - Two 4-line x 20 displays, full system status
 - 3 Phase sensing, +/-0.25% digital voltage regulation
 - RS232, RS485 and Canbus remote ports
 - Waterproof connections
 - All engine sensors are 4-20ma for minimal interference
 - Programmable I/O
 - Built-in PLC for special applications
 - Engine function monitoring and control:
 - Full range standby operation; programmable auto crank, Emergency Stop, Auto-Off-Manual switch
 - Isochronous Governor, +/-0.25% frequency regulation
 - Full system status on all AC output and engine function parameters
 - Service reminders, trending, fault history (alarm log)
 - I2T function for full generator protection
 - Selectable low-speed exercise
 - 2-wire start controls for any 2-wire transfer switch
- Natural Gas fuel system (7-11")
- 110 AH, 925 CCA Group 31 Battery, with rack, installed
- Standard MLCB, 80% rated thermal-magnetic
 - 600 Amp
- Battery Charger, 10 Amp, NFPA 110 compliant, installed
- Coolant Heater, 1500W, 120VAC
- Std set of 3 Manuals
- 120V GFCI and 240V Outlet
- Extreme Cold Weather Kit - Heated Crankcase Breather System
- Flex Fuel Line
- Standard 2-Year Limited Warranty
- SG0150GG269.0S18HPYYG

Quantity 1 - TRANSFER SWITCH - TX SERIES

- 400 Amp, 3 pole, 120/208 VAC three phase, 60 Hz, with 2-Wire Start Circuit
 - Utility Voltage Sensing Controls:
 - Adjustable Drop-out and Pick-up
 - Adjustable Utility Interrupt Delay
 - Adjustable Logic Controls:
 - Minimum Standby Voltage
 - Minimum Standby Frequency
 - Engine Warmup
 - Return to Utility
 - Engine Cooldown
 - Transfer on Exercise
- 3 Owner's Manuals
- Double Set of Form C Aux Cont
- IBC Seismic Certified
- Specific Breaker
- Withstand and Close-On Rating - 65kA Specific Breaker
- Enclosure Heater
- UL Listed 1008 by ETL
- Controller and Circuit Breaker Covers, Padlockable, Black
- NEMA 3R Enclosure
- Service Entrance Rated
- Specific Breaker
- In Phase Only Transfer
- Standard two year basic warranty
- TX301NS0400G3CH

• QTY	POLICE STATION	TOTAL PRICE
1	Generac 100 kW, Diesel Fueled Generator Package M/N: • SD0100GG176.7D18DBYY3 120/208 Volts, 3 Phase, 60HZ LEAD TIME 16-22 WEEKS Proposal Includes Install (1) provided 100KW generator 208-volt three phase. Install (1) provided 400 amp ATS Furnish and install conduit and feeders as required. Provide crane to install generator. Provide concrete generator Pad. Provide concrete bollards by code. Provide Diesel for start up and load banking. Provide conduit and wire for controls of generator.	\$148,168.00
1	Generac 400 AMP Transfer Switch M/N: • TX301NS0400G3CH 120/208 Volts, 3 Phase, NEMA-3R Enclosure SER	

Equipment Proposed: POLICE STATION- PER DISCOVERY

Quantity 1 - Generac Industrial diesel engine-driven generator set with turbocharged/aftercooled 6-cylinder 6.7L engine, consisting of the following features and accessories:

- Stationary Emergency-Standby rated
- 100 kW Rating, wired for 120/208 VAC Three Phase, 60 Hz
- Brushless Excitation
- UL2200
- EPA Certified
- SCAQMD
- Standard Weather Protective Enclosure, Steel
 - Baked-On Powder Coat Finish
- 24" 220 Gallon Double-Wall UL142 Basetank
 - Mechanical fuel level indicator gauge
 - Electronic fuel level sender
- Power Zone 410 Digital Control Panel for Single Generators
 - NFPA 110 Capable
 - Temp Range -40 to 70 degrees C
 - UL6200
 - C-ETL-US
 - CE
 - 128 X 64 Graphical Display with Heater
 - Auto/Manual/Off modes
 - Optional Emergency Stop, key switch (Auto/Off/Manual) and audible alarm horn within a single add on module
 - RS-485, RS-232 and CANbus ports
 - Sensors: Oil Pressure, optional Oil Temp, Coolant Temp, Fuel Level/Pressure (where applicable), Engine Speed, DC Battery Voltage, Run-time Hours, Generator Voltages, Amps, Frequency, Power, Power Factor
 - Alarm Status: Low or High AC Voltage, Low or High Battery Voltage, Low or High Frequency, Pre-low or Low Oil Pressure, Pre-high or High Oil Temp (optional), Low Water Level and Temp, High, Low, and Critical-low Fuel Level/Pressure (where applicable), Overload, Overcrank, Over and Under Speed, Unit Not in Automatic
 - Optional Programmable I/O module
 - Engine function monitoring and control:
 - Full range standby operation; programmable auto crank, Emergency Stop (optional), Auto-Off-Manual
 - 3 Phase RMS Voltage Sensing
 - +/-0.5% digital voltage regulation with: soft-start voltage ramping - adjustable, loss of sensing protection - adjustable, negative power limit - adjustable, Hi/Lo voltage limit - adjustable, V/F slope and gain - adjustable, fault protection
 - Service reminders, fault history (alarm log)
 - I2T function for full generator protection
 - Selectable low-speed exercise
 - 2 and 3-wire start controls for any 2 or 3-wire transfer switch
- Primary MLCB, 80% rated thermal-magnetic
 - 200 amp
- Secondary MLCB, 80% rated thermal-magnetic

- 200 amp
- Battery Charger, 10 Amp, NFPA 110 compliant, installed
- 110 AH, 925 CCA Group 31 Battery, with rack, installed
- Engine Coolant Heater, 1500W
- 120V GFCI and 240V Outlet
- 3 Owner's Manuals
- Standard 2-Year Limited Warranty
- SD0100GG176.7D18DBYY3

Quantity 1 - TRANSFER SWITCH - TX SERIES

- 400 Amp, 3 pole, 120/208 VAC three phase, 60 Hz, with 2-Wire Start Circuit
 - Utility Voltage Sensing Controls:
 - Adjustable Drop-out and Pick-up
 - Adjustable Utility Interrupt Delay
 - Adjustable Logic Controls:
 - Minimum Standby Voltage
 - Minimum Standby Frequency
 - Engine Warmup
 - Return to Utility
 - Engine Cooldown
 - Transfer on Exercise
- 3 Owner's Manuals
- Double Set of Form C Aux Cont
- IBC Seismic Certified
- Specific Breaker
- Withstand and Close-On Rating - 65kA Specific Breaker
- Enclosure Heater
- UL Listed 1008 by ETL
- Controller and Circuit Breaker Covers, Padlockable, Black
- NEMA 3R Enclosure
- Service Entrance Rated
- Specific Breaker
- In Phase Only Transfer
- Standard two year basic warranty
- TX301NS0400G3CH

● QTY	UTILITY ROAD WELL	TOTAL PRICE
1	Generac 350 kW, Diesel Fueled Generator Package M/N: ● SD0350KG17129D18HPYY3 277/480 Volts, 3 Phase, 60HZ LEAD TIME 36-42 WEEKS Proposal Includes Install (1) provided 350KW generator 480-volt three phase. Install (1) provided 600 amp ATS Furnish and install conduit and feeders as required. Provide crane to install generator. Provide concrete generator Pad. Provide concrete bollards by code. Provide diesel for start up and load banking. Provide conduit and wire for controls of generator.	\$213,824.00
1	Generac 600 AMP Transfer Switch M/N: ● TX301NS0600K3CH 277/480 Volts, 3 Phase, NEMA-3R Enclosure SER	

Equipment Proposed: UTILITY ROAD WELL- PER DISCOVERY

Quantity 1 - Generac Industrial diesel engine-driven generator set with turbocharged/aftercooled 6-cylinder 12.9L engine, consisting of the following features and accessories:

- Stationary Emergency-Standby rated
- 350 kW Rating, wired for 277/480 VAC three phase, 60 Hz

- Permanent Magnet Excitation
- Standard Weather Protective Enclosure, Steel
 - Industrial Grey Baked-On Powder Coat Finish
- UL2200
- EPA Certified
- SCAQMD
- H-100 Control Panel
 - Meets NFPA 99 and 110 requirements
 - Temp Range -40 to 70 degrees C
 - Digital Microprocessor:
 - Two 4-line x 20 displays, full system status
 - 3 Phase sensing, +/-0.25% digital voltage regulation
 - RS232, RS485 and Canbus remote ports
 - Waterproof connections
 - All engine sensors are 4-20ma for minimal interference
 - Programmable I/O
 - Built-in PLC for special applications
 - Engine function monitoring and control:
 - Full range standby operation; programmable auto crank, Emergency Stop, Auto-Off-Manual switch
 - Isochronous Governor, +/-0.25% frequency regulation
 - Full system status on all AC output and engine function parameters
 - Service reminders, trending, fault history (alarm log)
 - I2T function for full generator protection
 - Selectable low-speed exercise
 - HTS transfer switch function monitoring and control
 - 2-wire start controls for any 2-wire transfer switch
- 110 AH, 925 CCA Group 31 Batteries, with rack, installed
- Standard MLCB, 80% rated thermal-magnetic
 - 600 Amp
- Battery Charger, 10 Amp, NFPA 110 compliant, installed
- Coolant Heater, 2000W, 240VAC
- 36" 693 Gallon Double-Wall UL142 Basetank
 - Mechanical fuel level indicator gauge
 - Electronic fuel level sender
- Std set of 3 Manuals
- 120V GFCI and 240V Outlet
- Alternator Strip Heater
- Standard 2-Year Limited Warranty
- SD0350KG17129D18HPYY3

Quantity 1 - TRANSFER SWITCH - TX SERIES

- 600 Amp, 3 pole, 277/480 VAC three phase, 60 Hz, with 2-Wire Start Circuit
 - Utility Voltage Sensing Controls:
 - Adjustable Drop-out and Pick-up
 - Adjustable Utility Interrupt Delay
 - Adjustable Logic Controls:
 - Minimum Standby Voltage
 - Minimum Standby Frequency
 - Engine Warmup
 - Return to Utility
 - Engine Cooldown
 - Transfer on Exercise
- 3 Owner's Manuals
- Double Set of Form C Aux Cont
- Specific Breaker
- Withstand and Close-On Rating - 100kA Specific Breaker
- Enclosure Heater
- UL Listed 1008 by ETL
- Controller and Circuit Breaker Covers, Padlockable, Black
- NEMA 3R Enclosure
- Service Entrance Rated
- Specific Breaker
- In Phase Only Transfer
- Standard two year basic warranty
- TX301NS0600K3CH

• QTY	WELL #6	TOTAL PRICE
1	Generac 25 kW, Diesel Fueled Generator Package M/N: • SD0025AG222.2D18HBYY3 120/240 Volts, 1 Phase, 60HZ LEAD TIME 16-22 WEEKS Proposal Includes Install provided 25KW generator 240-volt single phase. Install provided 100 amp ATS Furnish and install conduit and feeders as required. Provide crane to install generator. Provide concrete generator Pad. Provide concrete bollards by code. Provide diesel for start up and tap off tank. Provide conduit and wire for controls of generator.	\$84,764.00
1	Generac 100 AMP Transfer Switch M/N: • TX301NS0100A2CH 120/240 Volts, 1 Phase, NEMA-3R Enclosure SER	

Equipment Proposed: WELL #6 - PER DISCOVERY

Quantity 1 - Generac Industrial diesel engine-driven generator set with turbocharged/aftercooled 4-cylinder 2.2L engine, consisting of the following features and accessories:

- Stationary Emergency-Standby rated
- 25 kW Rating, wired for 120/240 VAC single phase, 60 Hz
- Brushless Excitation
- Standard Weather Protective Enclosure, Steel
 - Industrial Grey Baked-On Powder Coat Finish
- UL2200
- EPA Certified
- H-100 Control Panel
 - Meets NFPA 99 and 110 requirements
 - Temp Range -40 to 70 degrees C
 - Digital Microprocessor:
 - Two 4-line x 20 displays, full system status
 - 3 Phase sensing, +/-0.25% digital voltage regulation
 - RS232, RS485 and Canbus remote ports
 - Waterproof connections
 - All engine sensors are 4-20ma for minimal interference
 - Programmable I/O
 - Built-in PLC for special applications
 - Engine function monitoring and control:
 - Full range standby operation; programmable auto crank, Emergency Stop, Auto-Off-Manual switch
 - Isochronous Governor, +/-0.25% frequency regulation
 - Full system status on all AC output and engine function parameters
 - Service reminders, trending, fault history (alarm log)
 - I2T function for full generator protection
 - Selectable low-speed exercise
 - 2-wire start controls for any 2-wire transfer switch
- 110 AH, 925 CCA Group 31 Battery, with rack, installed
- Standard MLCB, 80% rated thermal-magnetic
 - 125 Amp
- Air Filter Restriction Indicator
- Battery Charger, 10 Amp, NFPA 110 compliant, installed
- Coolant Heater, 1500W, 120VAC
- 24" 132 Gallon Double-Wall UL142 Basetank
 - Mechanical fuel level indicator gauge
 - Electronic fuel level sender
- 3 Owner's Manuals
- 120V GFI Receptacle and 240V Receptacle
- Standard 2-Year Limited Warranty
- SD0025AG222.2D18HBYY3

Quantity 1 - TRANSFER SWITCH - TX SERIES

- 100 Amp, 2 pole, 120/240 VAC single phase, 60 Hz, with 2-Wire Start Circuit
 - Utility Voltage Sensing Controls:
 - Adjustable Drop-out and Pick-up
 - Adjustable Utility Interrupt Delay
 - Adjustable Logic Controls:
 - Minimum Standby Voltage
 - Minimum Standby Frequency
 - Engine Warmup
 - Return to Utility
 - Engine Cooldown
 - Transfer on Exercise
- 3 Owner's Manuals
- Double Set of Form C Aux Cont
- IBC Seismic Certified
- Specific Breaker
- Withstand and Close-On Rating - 35kA Specific Breaker
- Enclosure Heater
- UL Listed 1008 by ETL
- Controller and Circuit Breaker Covers, Padlockable, Black
- NEMA 3R Enclosure
- Service Entrance Rated
- In Phase Only Transfer
- Standard two year basic warranty
- TX301NS0100A2CH

B. Clarifications

1. This proposal of Clifford Power is based upon the assumption that the labor and materials anticipated herein will be reasonably available and subject to no more than normal market fluctuations. In the event of a severe and/or unanticipated shortage of either labor or materials, Clifford Power Systems reserves the right to seek an equitable adjustment in either the contract time or the contract sum, or both, to reflect such unanticipated shortage and/or cost increases. If this proposal is accepted, these terms will be incorporated into any subcontract agreement to be executed by the parties covering the work herein quoted.
2. This proposal, including but not limited to pricing and schedule, is made contingent upon the work addressed herein not being adversely affected, either directly or indirectly, by the COVID-19 pandemic and/or the Corona virus. This proposal is further conditioned upon the parties agreeing, prior to beginning of any work and in writing as part of any contract/subcontract, that any (i) schedule issues (including, but not limited to, delay, acceleration, compression, interference, hindrance), (ii) overtime hours or added resources to perform work, (iii) shortages (whether as to labor, subcontracted services, materials, or supplies), (iv) change orders, extra work, or extra costs, or (v) inefficiency and impacts relating to the foregoing, that arise as a result of the COVID-19 pandemic or Corona virus will entitle contractor to a change order equitably addressing impacts to its time for performance and costs.
3. During recent weeks, the market price of copper and steel has experienced large fluctuations. As a result, our vendors have refused to hold prices firm without an order. Upon award of contract, should there be a substantial increase in the cost of wire over that used in our proposal, Morley-Moss will charge the incremental increase at Morley-Moss's cost-plus taxes. This proposal is based on price of copper at \$.00 per pound."
4. This proposal is based upon a mutually agreeable contract.
5. This proposal is valid for 30 days

I. EXCLUSIONS

- A. Overtime, expediting or acceleration fees
- B. Energized electrical work
- C. Permit fees
- D. Warranty of existing electrical work
- E. Anything not specified or listed in the scope of work section
- F. Business interruptions or losses resultant there from
- G. Tax

Project Management Services – INCLUDED IN PRICING ABOVE FOR ALL GENERATORS

- Start-up, one trip including travel
- Training of owners personnel at time of start up
- Factory load bank testing
- Submittal drawings
- Dimensional drawings, Electrical drawings, Product specifications
- Production testing
- Technical assistance
- Operation and maintenance manuals for engine, generator

Terms and Conditions – **Please Note , Quote is valid for 30 Days**

Condition of sale for the purchase of the Generac Generator's through Clifford Power Systems Inc. - "Shall governed by the law of the state of Texas" and that "venue for any dispute shall lie in Denton County, Texas".

Indemnity Clause - "Buyer shall indemnify the Seller to the extent allowable by law."

Effective 1-2-23, cancelled orders after 72 hours are subject to a cancellation fee of up to 40% of the purchase price. A detailed Bill of Materials is included. Please refer to the equipment spec sheets and installation drawings for additional information. Please contact us if this information, or any other documentation is needed.

THANK YOU FOR THE OPPORTUNITY TO QUOTE THIS PROJECT!

In signing this proposal, the buyer and seller agree to the above amendments and to the [Terms & Conditions](#) (www.cliffordpower.com/terms-conditions) and the proposal terms listed above.

Sincerely,

Kody Sims
Clifford Power Systems
(817)247-0055
ksims@cliffordpower.com

Acceptance of Quote

Prior to ordering equipment or services, please sign and return as a confirmation of the above terms and conditions.

Customer Signature
