



PLANNED MAINTENANCE (PM) AGREEMENT

Clifford Power Systems, Inc. ("CPS") agrees to provide **Johnson County** ("Customer"), and Customer agrees to accept and pay for parts and services necessary to perform periodic Planned Maintenance ("PM") of ("Equipment").

Customer Address: 810 E Kilpatrick City: Cleburne ST: Tx ZIP: 76033
 Equip Address: Per Customer Supplied Location list City: _____ ST: Tx ZIP: _____

1902 Tower	Make & KW: Kohler 20KW	M/N: 20RZ	Annual Svc: \$401.00
Fishermans Paradise	Make & KW: Generac 35KW	M/N: SD0035AG163	Annual Svc: \$470.00
Cleburne Site	Make & KW: Generac 35KW	M/N: 13841620100	Annual Svc: \$470.00
Emergency Ops Ctr	Make & KW: Generac 100KW	M/N: 13326890200	Annual Svc: \$470.00

This agreement will be in accordance to the following terms and conditions, for a period of one (1) year. Pricing is using TIP/TAPS Co-op Contract #01042315
 In consideration of the agreements herein contained:

- Customer agrees to: Remit **\$1,811.00** for the PM services for a total annual amount of **\$1,811.00** payable after the maintenance inspection service performed by CPS. Customer will receive a copy of CPS maintenance inspection report with all applicable areas filled out by the service technician. *Customer also agrees to pay all applicable taxes and environmental fees.*
- CPS agrees to: Perform PM inspections of Equipment **1** times per year at approximate **12** month intervals. Work to be performed during regular business hours **8:00AM to 5:00PM Monday through Friday**. All applicable items of Equipment shall be inspected and reported to the Customer. CPS shall also report any noted problems with Equipment and recommended courses of corrective action to the Customer. CPS will perform normal maintenance on Equipment including oil and filter changes. The following are maintenance service intervals for filter and fluid changes, and other services not performed at every inspection. *All applicable items will be performed or checked at the first inspection after this agreement is accepted.*

INCLUDED PM ITEMS

A. Oil change once per year.	B. Oil filter change at time of oil change.
C. Fuel filter change (if applicable) once per year.	D. Oil analysis will be done (by outside laboratory) at time of oil change.
E. Coolant maintenance as necessary. Includes testing for freeze point & inhibitor levels. Conditioners added as needed. If coolant replacement necessary, a disposal fee of \$1.00 per gallon will be assessed.	

- CPS warrants its work: For a period of thirty (30) days from the date of service. This warranty is limited to failure as a result of workmanship and does not include failures resulting from improper or unauthorized installation, misuse, negligence, accident, over-loading, over-speeding, repairs made by someone other than CPS, fire, flood, vandalism, theft or any other acts beyond the control of CPS
- Failures of new parts installed by CPS: Failure of any new part/s installed by CPS during the course of maintenance service, shall be covered by the manufacturer's warranty of said part(s).
- Renewal: This agreement will automatically renew at the completion of the agreement period unless cancelled per item #6.
- This agreement may be cancelled by either party: With a ninety (90) day written notification.
- Limitation of Liability: Clifford Power System, Inc.'s liability under this agreement, if any, shall be limited to the contract amount of this agreement. In no event shall CPS be liable for any consequential, incidental or exemplary damages, including, but not limited to, loss of profits or down time.

CPS and Customer have agreed to the above this day.

By: [Signature]
 Customer or Customer's Representative

By: [Signature]
 CPS- Service Sales Rep

Date: 4/3/17 PO # _____

Date: 2-06-2017



SERVICE LEVEL CHECKS

LEVEL 1 INSPECTION – TO BE PERFORMED ANNUALLY

ENGINE ELECTRICAL (STARTING SYSTEM)

- **Batteries** – Check battery water level, age, specific gravity & perform load test. Clean batteries externally including cables & posts.
- **Alternator** – Visually inspect alternator & alternator belt. Measure & record alternator DC voltage output.
- **Glow Plugs** (where applicable) – Check for proper operation.
- **Battery Charger** – Visually inspect, measure & record DC voltage output.
- **Starting Motor** – Visually inspect, test for proper operation (Performed during engine start).
- **Spark Plugs** (where applicable) – Check spark plugs & spark plug wires condition & annotate recommendations for repair or replacement.
- **Distributor Cap** – (where applicable) – Inspect. Annotate recommendations for repair or replacement.

GENERATOR

- **Windings** – Visually inspect windings.
- **Bearings** – Inspect for proper lubrication.
- **Brushes/Diodes** – Visually inspect for wear.
- **Leads/Connections** – Visually inspect for wear.
- **Circuit Breaker** – Test for proper operation.
- **Mounts/Bolts** – Visually inspect for wear and/or damage.
- **Noise** – Annotate operational noise indicators of mechanical malfunctions.

SAFETY CONTROLS / CONTROL PANEL

- **Voltage** (where applicable) – Measure & record loaded & unloaded AC voltage.
- **Frequency** (where applicable) – Measure & record loaded & unloaded Hertz frequency.
- **Amperage** (where applicable) – Measure & record loaded amperage.
- **Auto Start/Stop** – Check for proper operation. If allowed, check for automatic start.
- **Shutdowns** – Visually inspect for wiring deterioration. Verify proper operation of shutdowns.
- **Pre-alarms** – Verify proper annunciation of pre-alarms.
- **Remote Annunciator** (where applicable) – Inspect for proper operation.

INSTRUMENTATION

- **Oil Pressure Gauge** – Check for proper operation. Measure & record oil pressure PSI.
- **Water Temperature Gauge** – Check for proper operation. Measure & record water temperature in degrees Fahrenheit.
- **Ammeter** - Check for proper operation. Measure & record amperage in DC amps.
- **AC Electric Meters** - Check for proper operation. Measure & record readings.
- **Control Panel Wiring** – Visually inspect for signs of wear & correct observed loose connections.

AIR INDUCTION & EXHAUST

- **Precleaner** – Visually inspect condition & clean when necessary.
- **Air Filter** – Inspect & clean air filter. Recommend replacement when necessary. Note condition of filter housing.
- **Intake** – Visually inspect & note condition of intake piping & gaskets.
- **Turbocharger** – Visually inspect turbocharger for leaks, physical condition, & annotate auditory indicators of wear.
- **Exhaust/Silencer** – Visually inspect for leaks & proper operation including rain cap (where applicable). Annotate anomalies in exhaust smoke.

LUBRICATION SYSTEM

- **Lubrication Oil** – Check for proper oil level.
- **Crankcase Breather** – Clean breather (where applicable). Annotate condition & any excessive blow by.
- **Governor** – Check oil level.
- **Tubes, Lines, Seals & Gaskets** – Visually inspect for deterioration or indications of wear.

COOLING SYSTEM

- **Radiator** – Visually inspect radiator core condition, annotate indications of coolant leakage or core blockage. Check coolant level.
- **Radiator Cap** – Check for indications of wear.
- **Coolant** – Measure & record antifreeze freeze point & PH level.
- **Hoses** – Visually inspect hoses, clamps, gaskets & connections.
- **Fan Assembly** – Visually inspect fan, fan bearing, pulleys & belts for indications of wear. Measure belt tension for proper operation.
- **Water Pump** – Visually inspect for proper operation, leaks, or audible indications of wear.
- **Jacket Water Heater** – Inspect for proper operation, indication of wear on heater & associated hoses & clamps.
- **Thermostat** – Check for proper operation

FUEL SYSTEM

- **Fuel Lines & Connections** – Visually inspect for proper operation & indications of deterioration.
- **Priming Pump** (where applicable) – Verify proper operations & inspect for seal damage or deterioration.
- **Fuel Filters** – Visually inspect for damage, leaks, & proper operation.
- **Governor & Controls** – Inspect controls & linkage for proper operation.
- **Carburetor/Mixer** – Visually inspect & verify proper operation.
- **Day Tank/Fuel Cell** – Visually inspect for leaks & check for proper operation. Make note of water in fuel cell & level of fuel.

ATS

- **Wiring & Contacts** – Visually inspect.
- **Connections Temp.** – Check temperature of connections with infrared temperature gun.
- **Contactors Operation** – If allowed, perform simulated power failure to test operation of contactor.
- **Timers & Controls** – Observe all time delays during simulated test.

LEVEL 2 INSPECTION

INCLUDES ALL SERVICES IN LEVEL 1 INSPECTION

- **Fuel System** – Fuel filter & fuel/water separator filter replacement. Check for proper seal & operation.
- **Lubricating System** – Replace oil filters. Inspect all gaskets & seals. Remove existing lubricating oil & dispose. Fill with fresh engine oil.
- **Generator** – Lubricate bearings if applicable.

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