

BOARD OF PUBLIC WORKS AND SAFETY
Agenda Request Form

(Form B-01-2012)

Organizations and individuals are asked to submit a request form and supporting documents to be placed on the agenda. You will be contacted by the City confirming the date of the meeting in which your request will be heard. Please make sure that your contact information is accurate in case we need to get in touch with you. The Board of Works meets on the 1st and 3rd Monday of each month at 5:00 p.m. in City Hall located at 70 E. Monroe Street.

Date Submitted:	04/14/21	Meeting Date:	04/19/21
Contact Information:			
Requested by:	Sally Brown		
On Behalf of Organization or Individual	DPW/Fire Department		
Telephone:	317-736-3640		
Email address:	sbrown@franklin.in.gov		
Mailing Address:	796 South State Street, Franklin, IN 46131		
Describe Request			
Asking for approval for <u>Planned Maintenance of Generators Citywide</u> from EVAPAR.			
List Supporting Documentation Provided:			
W.W. Williams quote			
EVAPAR quote			
Hoosier Power Quote			
Who will present the request?			
Name:	Matt Culp/Sally Brown	Telephone:	317-736-3640

In order for an individual and/or agency to be considered for new business on the Board of Works agenda, this reservation form and supporting documents must be received in the Mayor's office no later than 4:00 p.m. on the Wednesday before the meeting.

Service Proposal



W.W. Williams
CONSIDER IT DONE.

W.W. Williams is pleased to submit our proposal for your planned maintenance requirements.

Preventative maintenance for emergency generator systems plays an important role in improving reliability, minimizing repairs, and reducing long term costs. By following generally recognized maintenance procedures and manufacturer recommendations for your application, your emergency power system will operate more effectively.

At W.W. Williams we are committed to providing quality products and proven solutions to our customers enhancing the reliability of your standby power system. Routine inspections, planned maintenance, and performance testing performed by our technicians are all important components of a comprehensive maintenance program.

We hope that our proposal meets with your approval and look forward to being your maintenance/service provider of choice. Please call with any questions or clarifications.

Sincerely,

The W.W. Williams Generator and Fire Pump Service Team

Unit Summary



W.W. Williams
CONSIDER IT DONE.

Asset: West/Main Pump Station Make: Cummins Model: 350DFCC S/N: G950581312 KW Rating:	Service	Quantity	Month	Unit Price
	Preventative Maintenance	1	May	\$725.00
	Load Bank Test	1	June	\$575.00
				Asset Total: \$1,300.00

Asset: South/Secondary Control Make: Cummins Model: 500DFFB S/N: B950578516 KW Rating:	Service	Quantity	Month	Unit Price
	Preventative Maintenance	1	May	\$790.00
	Load Bank Test	1	June	\$575.00
				Asset Total: \$1,365.00

<i>No longer have</i> Asset: Portable Make: Cummins Model: 25DGAC S/N: 1930522314 KW Rating:	Service	Quantity	Month	Unit Price
	Preventative Maintenance	1	May	\$300.00
	Load Bank Test	1	June	\$575.00
				Asset Total: \$875.00

Asset: FS#23 Make: Cummins Model: 150 DSGAC-772121 S/N: H090021393 KW Rating: 150.0	Service	Quantity	Month	Unit Price
	Preventative Maintenance	1	May	\$650.00
	Load Bank Test	1	June	\$575.00
				Asset Total: \$1,225.00

Asset: FS#22 Make: Cummins Model: 200 DSHAC-4639081 S/N: E100122998 KW Rating:	Service	Quantity	Month	Unit Price
	Preventative Maintenance	1	May	\$670.00

Unit Summary



W.W.Williams

CONSIDER IT DONE.

	Load Bank Test	1	June	\$575.00
				Asset Total: \$1,245.00

Asset: CITY OF FRANKLIN FS#21 Make: Cummins Model: 4B3.9GL S/N: 191456 KW Rating: 60.0	Service	Quantity	Month	Unit Price
	Preventative Maintenance	1	May	\$450.00
	Load Bank Test	1	June	\$575.00
				Asset Total: \$1,025.00

Asset: LS#7 Remote Lift Station Make: Cummins Model: DFAC S/N: L930527277 KW Rating: 250.0	Service	Quantity	Month	Unit Price
	Preventative Maintenance	1	May	\$675.00
	Load Bank Test	1	June	\$575.00
				Asset Total: \$1,250.00

Asset: North/ATAD Make: Cummins Model: DFEC S/N: A70016416 KW Rating: 500.0	Service	Quantity	Month	Unit Price
	Preventative Maintenance	1	May	\$1,100.00
	Load Bank Test	1	June	\$575.00
				Asset Total: \$1,675.00

Asset: Police Make: Cummins Model: S/N: j970651805 KW Rating:	Service	Quantity	Month	Unit Price
	Preventative Maintenance	1	May	\$450.00
	Load Bank Test	1	June	\$575.00
				Asset Total: \$1,025.00

Unit Summary



W.W.Williams
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Asset: Franklin Street Dept Cummins Unit Make: Cummins Model: DGEA S/N: K930524787 KW Rating: 125.0	Service	Quantity	Month	Unit Price
	Preventative Maintenance	1	May	\$650.00
	Load Bank Test	1	June	\$575.00
				Asset Total: \$1,225.00

Grand Total: \$12,210.00

Scope of Work



W.W. Williams

CONSIDER IT DONE.

OPERATIONAL INSPECTION SERVICE

Engine Lube System:

- Inspect for Leaks
- Repair Minor Leaks
- Check Oil Level and Fill (1 Gal)

Engine Cooling System:

- Inspect for Leaks
- Repair Minor Leaks
- Check Belts and Hoses
- Check Coolant Level and Fill (1Gal)
- Check Coolant Freeze
- Check Inhibitors (Nitrates)
- Inspect System for Obstructions
- Inspect Radiator/Exchanger
- Inspect Pulleys for Excessive Wear
- Inspect Test System (If Required)
- Lubricate Fan Drive

Engine Air System:

- Inspect Air Cleaner
- Check Air Cleaner Indicator for Proper Operation
- Check Intake System for Damage or Loose Connections
- Inspect Crank Case Breather Systems
- Service Air Box Drains (If Applicable)

Engine Fuel System:

- Inspect for Leaks
- Repair Minor Leaks
- Check Fuel Level
- Check for Water in Fuel
- Drain Water from Water Separator
- Check Day Tank Pump and Alarms
- Inspect and Lubricate Governor Linkage
- Check Governor Oil Level (If Applicable)

Engine Electrical System:

- Check Condition of Cables and Wiring
- Check Condition of Connections
- Check Engine Alternator
- Inspect Gas Engine Ignition Systems
- Check Battery Static Charge
- Check Condition of Batteries
- Load Test Batteries
- Clean Battery Post
- Check Operation Unit Heaters
- Inspect and Test Battery Charger
- Test Starter Drop

Ac Generator:

- Inspect Guard for Loose/Missing Parts
- Inspect Ac Connections for Tightness
- Inspect Exciter and Brushes/Slip Rings
- Inspect Generator Bearing

Test Generator Without Load:

- Inspect Louvers and Duct Work
- Inspect Vibration Isolators
- Check for Abnormal Noise
- Check for Excessive Crankcase Discharge
- Check Governor Response
- Check for Operation of Remote Equipment (Fan Motors, Valves, Pumps and Louvers)

Engine Exhaust System:

- Check Engine Systems for Leaks
- Inspect Exhaust Outlet Protection
- Drain Condensation Trap (If Accessible)
- Check for Broken or Missing Hardware
- Check for Engine Wet Stacking

Engine Instrumentation:

- Check All Instruments and Lamps
- Inspect Applicable Annunciator
- Check Hour Meter Operation
- Check and Record Engine Readings:
 - Tachometer
 - Hours
 - Engine Coolant Temperature
 - Voltmeter
 - Ammeter
 - Oil Pressure at Cold/Hot Temperature

Ac Instrumentation:

- Check and Record Ac Voltage
- Check and Record Ac Frequency

Engine Protection System:

- Check Over Crank Device Operation
- Test Low Oil Pressure Shutdown
- Test Water Temp Shutdown Operation
- Test Over Speed Shutdown (If Applicable)
- Test Pre-Alarms (If Applicable)
- Check Instrument Panel Operation

Switchgear/ATS: Level 1:

- Inspect General Cleanliness
- Inspect for Signs of Moisture
- Inspect Lugs/Terminals/Connections
- Check Applicable Audio Signaling
- Check Indicating Lights

Misc:

- Wipe Down Engine and Valve Covers
- Return Controls to Operating Positions
- Perform Inspection Documentation

PREVENTATIVE MAINTENANCE SERVICE

(Includes Operational Inspection Service)

Engine Lube System: Engine Cooling System: Engine Air System:

- | | | |
|----------------------|--|---------------------------------|
| • Change Oil | • Change Coolant Filters (If Applicable) | • Change Oil and Clean Elements |
| • Change Oil Filters | | -Wet Type (If Applicable) |

Engine Fuel System:

- Change Diesel Fuel Filter(s), Primary and Secondary
- Properly Dispose of Fluids and Filters

OPTIONAL SERVICES AVAILABLE UPON REQUEST

- | | | |
|-------------------------------|-----------------------------|-----------------------------------|
| • Laboratory Fuel Analysis | • Battery Replacement | • Building Load Test |
| • Fuel Polishing | • Air Filter Replacement | • Transfer Switch Level 3 Service |
| • Load Bank Testing | • Coolant Flush | • Remote Monitoring Installation |
| • Laboratory Oil Analysis | • Belt and Hose Replacement | • Fuel Delivery |
| • Laboratory Coolant Analysis | • Emergency System Training | • UPS Testing |

Agreement Summary



W.W. Williams
CONSIDER IT DONE.

W.W. Williams Indianapolis

Ryan Richardson
rrrichardson@wwwwilliams.com

Customer Information	Contact	Agreement Information
CITY OF FRANKLIN	Sally Brown	Agreement Number: GA-27961
70 EAST MONROE STREET;	sbrown@franklin.in.gov	Agreement Date: 02-01-2021
FRANKLIN, IN 46131	3177363640	Account Number:610850

For and In consideration of the payment of all amounts due under this Service Quotation/Agreement, W.W. Williams agrees to provide services for the equipment, as set forth above, for an initial term of 5 years with auto renewal, commencing upon acceptance. SERVICES WILL AUTOMATICALLY RENEW UNLESS OPTING OUT OF AUTO RENEWAL. SERVICES CAN BE CANCELLED WITH 30 DAYS NOTICE PRIOR TO MONTH SERVICES DUE. The attached listing which sets forth in detail the services to be performed during a Preventative Maintenance and/or an Operation Inspection Service, as well as the attached Terms and Conditions are a part of this Agreement.

AGREEMENT TOTAL: \$12,210.00 ***

*See agreement summary

** Total does not include tax

TO INVOICE AT TIME OF SERVICE AT TIME OF SERVICE VISIT <https://www.wwwilliams.com/parts-products/genuine-aftermarket-parts/credit-application/>

TO ACCEPT THIS QUOTATION: REVIEW THE TERMS AND CONDITIONS AND CLICK SIGN BELOW

Optional Service (Not included in TOTALS)	Select	Unit Price

Accepted by:	SALLY BROWN	Submitted by:	RYAN RICHARDSON
Firm Name:	CITY OF FRANKLIN	Firm Name:	The W.W. Williams Company LLC
Title:		Title	GENERATOR SERVICE SALES REP
Date:		Date:	3/2/2021
PO#			
Signature:		Signature:	<i>Ryan Richardson</i>

Terms & Conditions



W.W. Williams
CONSIDER IT DONE.

These Terms and Conditions apply to all sales transactions with The W.W. Williams Company, LLC, including quotations, purchase orders, service orders, sales orders, or similar documents:

2. Terms Exclusive. These Terms and Conditions and the applicable quotation, purchase order, service order, sales order or similar document constitute the complete, exclusive and final agreement (collectively, the "Agreement") of the buyer ("Buyer") and The W.W. Williams Company, LLC ("Williams"). All other additional or conflicting terms or conditions which may now or in the future appear on Buyer's acknowledgment, purchase order, or other similar document are expressly objected to by Williams without future notification and shall be null and void. These Terms and Conditions may only be modified, superseded or altered in writing signed by both parties. Buyer's acceptance of any performance by Williams shall be taken as Buyer's acceptance of these Terms and Conditions.

3. Prices. Prices are subject to change or withdrawal without notice. Unless otherwise stated in the Agreement, prices may be adjusted to and invoiced at Williams's price list in effect at the time of the shipment of goods or furnishing of the services. Unless otherwise stated in the Agreement, prices are exclusive of applicable taxes, excises, duties, quotation fees or other governmental impositions which Williams may be required to pay or collect on behalf of Buyer.

4. Payment Terms; Security Interest. Extensions of credit by Williams are subject to credit approval by Williams in its sole discretion, which may be modified or revoked by Williams at any time. Unless otherwise stated in the Agreement, payment shall be due and payable in full and without setoff within 15 days following delivery of the goods or completion of the services. Any payment not made when due shall be subject to a carrying charge of one and one-half percent (1 1/2%) per month on the unpaid balance until paid in full. Buyer expressly grants to Williams a security interest in any goods, or a mechanic's or garage keeper's lien, as applicable, in respect of any services, to secure payment of the purchase price therefore and any other amounts or charges owed by Buyer to Williams. Buyer authorizes Williams (but Williams is not obligated) to file a financing statement or take such action as Williams deems advisable to evidence and perfect its security interest.

5. Delivery; Force Majeure. Unless otherwise stated in the Agreement, delivery of the goods, and services, if any, shall be F.O.B. point of shipment. Any delivery date specified is approximate only. Acceptance of shipment by a common carrier shall constitute tender of delivery. Upon tender of delivery, risk of loss shall pass to Buyer. Title shall pass to Buyer when the full price has been paid. Partial shipments may be made and payments therefore shall become due in accordance with the terms hereof as shipments are made and invoices rendered. If Williams is not able to meet the delivery date specified by reason of any force majeure event beyond Williams's control, including (but not limited to) war,

governmental requests, restrictions or regulations, fire, flood, casualty, accident, or other acts of God, disease or illness, including but not limited to epidemic, pandemic, or quarantine, national or state declared emergency, strikes or other difficulties with employees, supplier delays, delay or inability to obtain goods, labor, equipment, material and service through Williams's usual sources, failure, refusal or delay of any carrier to transport materials, or any other similar event, Williams shall not be liable therefor and may, in its discretion without prior notice to Buyer, postpone the delivery date(s) under this Agreement for a time which is reasonable under all the circumstances. Acceptance of the goods or services shall constitute a waiver of all claims for damages.

6. Standard Limited Warranty; Limitations of Liability. The Williams Standard Limited Warranty and the limitations of liability contained therein, attached as Exhibit A hereto, shall apply to the purchase and sale of goods and services under this Agreement.

7. Indemnification. Buyer shall indemnify, defend, and hold harmless Williams, its directors, officers, employees and their respective affiliates against any claim, demand, complaint, liability, loss, cost, damage and/or expense (including attorneys' fees, costs and expenses of litigation and settlements) incurred by Williams arising out of or as a result of this Agreement, except to the extent caused by the negligence of Williams.

8. Claims. Unless otherwise stated in the Agreement, claims respecting the condition of goods, compliance with specifications, or any other matter affecting goods shipped or services provided to Buyer, must be made promptly and in no event later than twenty (20) days after receipt of the goods by Buyer or the furnishing of the services by Williams. Failure of Buyer to make a claim within such 20-day period shall be deemed an unqualified acceptance of the goods or services by Buyer. Buyer shall set aside, protect, and hold such goods (without charge to Williams) without further processing until Williams has an opportunity to inspect and advise of the disposition, if any, to be made of such goods. In no event shall any goods be returned, reworked, or scrapped by Buyer without the express written authorization of Williams.

9. Default and Williams's Remedies. If Buyer fails to make timely payment on any sale of goods or services from Williams to Buyer, Williams, in addition to any other remedies available to it, may at its option, (a) defer further shipment or services until such payments are made and satisfactory credit arrangements are reestablished or (b) cancel the balance of any order, and Buyer shall not have any cause of action or be entitled to any offset, counterclaim, or recoupment against Williams by reason of such action. In the event of Buyer's default, Williams may exercise any and all remedies set forth in this Agreement, any other agreement between the parties, and applicable law, all of which rights and remedies are cumulative.

10. Collection Costs and Attorney Fees. Buyer agrees to pay all of Williams's costs and expenses incurred in collecting payments due from Buyer

(including without limitation reasonable attorney fees and costs and expenses of any collection agency).

11. Return Policy. Returns must be accompanied by this Invoice and in the original, unopened box or packaging. A 15% restocking charge will be applied to all returned items. No returns on electrical items. No returns on special order items. No returns after 30 days from invoice date.

12. Technical Assistance. Unless otherwise stated in the Agreement: (a) any technical advice provided by Williams with respect to the use of goods or services furnished to Buyer shall be provided as a courtesy without charge and without warranty; (b) Williams assumes no obligation and disclaims all liability for any such advice or for any results occurring as a result of the application of such advice; and (c) Buyer shall have sole responsibility for selection and specification of the goods and services appropriate for the end use of such goods or services.

13. Miscellaneous. This Agreement will be governed by the laws of the State of Ohio. The exclusive venue for any dispute related to this Agreement shall be the federal and state courts located in Columbus, Ohio. If any of the provisions hereof shall be held invalid, illegal or unenforceable, the validity, legality and enforceability of the remaining provisions shall in no way be affected or impaired thereby. The individual rights and remedies of Williams reserved herein shall be cumulative and additional to any other or further remedies provided in law or equity. Waiver by Williams of performance or inaction with respect to Buyer's breach of any provision hereof, or failure of Williams to enforce any provision hereof which may establish a defense or limitation of liability, shall not be deemed a waiver of future compliance therewith or a course of performance modifying such provision, and such provision shall remain in full force and effect as written.

Entire Agreement. This Agreement, including without limitation the Terms and Conditions and any other document incorporated herein by reference, constitutes the sole and entire agreement between Buyer and Williams with respect to any order or sale of goods or furnishing of services to Buyer, superseding completely any prior or contemporaneous oral or written communications.

Standard Limited Warranty



W.W.Williams
CONSIDER IT DONE.

EXHIBIT A

The W.W. Williams Company, LLC

Limited warranty for parts and equipment:

The sole warranty provided for any part or equipment sold by The W.W. Williams Company, LLC ("Williams") is to assign the warranty offered by the manufacturer or supplier to the Buyer. WILLIAMS MAKES NO REPRESENTATION OR WARRANTY TO THE EFFECTIVENESS OR EXTENT OF SUCH MANUFACTURER OR SUPPLIER WARRANTY. WILLIAMS EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, and does not assume or authorize any other person to assume for it any liability in connection with the sale.

Limited warranty for services:

Williams warrants its workmanship for a period of ninety (90) days from the date the services are performed (the "Warranty Period"). This warranty covers defects in Williams's workmanship that are discovered during the Warranty Period. Buyer's sole remedy, and Williams's only liability, for Williams's breach of its service warranty shall be, at Williams's option, (i) reperforming the defective services; or (ii) refunding the purchase price paid for the defective services. WILLIAMS EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, and does not assume or authorize any other person to assume for it any liability in connection with the sale.

Limitations of Liability:

IN NO EVENT SHALL WILLIAMS BE LIABLE FOR ANY PUNITIVE, INDIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL OR UNKNOWN DAMAGES, INCLUDING BUT NOT LIMITED TO, LOSS OF PROPERTY OR EQUIPMENT, LOSS OF DATA, LOSS OF USE, LOSS OF TIME, LOSS OF REVENUE, LOSS OF PROFIT, OR LOSS OF INCOME, WHETHER THE DAMAGES BE IN CONTRACT OR TORT.

WILLIAMS'S TOTAL LIABILITY FOR ANY PARTS, EQUIPMENT, OR SERVICES SOLD SHALL NOT EXCEED THE AMOUNT PAID TO WILLIAMS FOR SUCH PARTS, EQUIPMENT, OR SERVICES CAUSING THE LIABILITY.

HOOSIER POWER LLC

15223 E. 1000 N. Flat Rock, IN 47234
Phone 812-603-1508

Scheduled Maintenance Proposal

03/11/21

Proposal: 01CR031121-1

Reference Project: City of Franklin Standby Power Service Contract Proposal
Cummins 350KW/500KW/25KW/150KW/200KW/250KW/500KW/150KW/125KW

(1) Annual Preventive Maintenance & Inspection \$6,588.00

(1) Load Bank Testing (4) Hours \$7,300.00

Total Net Price: \$13,888.00

The testing and inspection shall include the following:

1. Adjust, clean and/or replace ignition components as necessary
 2. Change engine lubricating oil once annually
 3. Change all fluid filters when changing engine oil
 4. Inspect governor linkages and adjust as necessary
 5. Check and test engine antifreeze solution, fill to capacity
 6. Check all fluid hoses for leaks and pliability, note any discrepancies
 7. Check entire unit for fuel, oil, and antifreeze leakage
 8. Inspect/Adjust all drive belts as necessary (fan, alternator, water pump, governor, etc.)
 9. Inspect air cleaner
 10. Check engine starter and charging alternator operations
 11. Service engine- cranking battery (ies); add water and clean/grease posts as necessary, and test electrolyte level.
 12. Check battery charger operation and recalibrate as necessary
 13. Clean normal dust deposits from generator
 14. Test run generator (under load if possible) to check operational status of instruments and gauges
 15. Check voltage regulator operation, adjust output voltage and frequency as necessary
 16. Test all safety shut-down devices incorporated on unit
 17. Inspect automatic transfer switch and test for proper voltage at contactors inspect condition of contactor for abnormal arcing and pitting. If possible, conduct load transfer/re-transfer test to check for proper operations of the ATS and plant exercise clock. Check starting controls at both the generator and the ATS.
- Submit written Field Service Report to Owner or designated agent upon completion of service detailing work performed status of equipment, and advise if further parts and/or repairs are required
 - Batteries, Air Filters or Elements and additional work would be or extra cost per item and service labor time required

Acknowledgement

Prior to ordering equipment, please sign and return as confirmation of the terms and conditions of this proposal.

Company Name

Authorized Signature

Purchase Order Number

Date

Printed Name

We are pleased to quote the following scheduled maintenance for your consideration. Thank you for the opportunity to earn your business.



March 10th, 2021

City of Franklin
Attn: Sally Brown
70 East Monroe Street
Franklin, IN 46131
317-736-3640 – sbrown@franklin.in.gov

Reference: Generator Planned Maintenance Agreement

Please find the enclosed information regarding Preventative Maintenance Agreement for your generator(s). Evapar understands how critical downtime can be in your time of need. Scheduled inspections, regular maintenance, and load bank testing can help ensure proper operation at the time when you need your generator most.

Since 1912 Evapar has been dedicated to supporting our generator customers in the Indiana, Kentucky, and Illinois area, with experienced factory trained and certified technicians, a full parts department, rental generators, and knowledgeable support staff.

Emergencies cannot be predicted, but a fast response plan is a critical part of our responsibility to you. Thanks in part to our extensive experience with life/safety and mission critical applications, we've developed a strategy for responding quickly to emergency situations. Our service department is on call 24 hours a day, 7 days a week should you need service. Our pre-pay Preventative Maintenance customers receive a special 10% discount on labor, should you have additional repairs on your generators covered in this agreement.

I appreciate the opportunity to quote your Preventative Maintenance Agreement. Please review the agreement and return a signed copy to me, if you would like to proceed. You may reply by mail, fax, or email. If you have any questions or need additional information, please do not hesitate to contact me.

Respectfully,

Jim Siemers

EVAPAR
Aftermarket Support Representative
317-771-0697 (Cellular)
317-783-5434 (Office)
317-783-5870 (Fax)
JSiemers@Evapar.com

PREVENTATIVE MAINTENANCE

SCOPE OF WORK

This Preventative Maintenance Agreement is entered into by EVAPAR and the owner to perform preventative maintenance service on the equipment listed on this agreement. Work to be scheduled and performed during regular business hours.

This scope of work to be performed includes labor, parts, travel time, and mileage for the equipment listed on this agreement. Any additional work recommended or required will be brought to owner's attention, upon approval additional work will be performed for agreed upon charge.

Engine

- Inspect air filter clean/replace as needed at an additional cost
- Adjust, clean and/or replace all spark plugs
- Check condition/ tension of belts (adjust as needed)
- Check/clean ignition system, distributor, coils, wires (if applicable)
- Check fuel lines for leaks / damage
- Check flexible fuel line connections
- Lubricate governor and linkage
- Inspect hoses, clamps for any air intake restrictions

Oil System

- **Change oil (annually)**
- **Change oil filters (annually)**
- **Annual Oil Sample Analysis with Report**
- Inspect for leaks

Cooling System

- Check radiator coolant level
- **Annual Coolant Sample Analysis with Report**
- Test/ record anti freeze temperature
- Test / record anti-freeze nitrites
- Check for leaks
- Check all hoses
- Check operation of engine block heater

Battery

- Inspect / clean terminal on cables
- Clean and grease battery post/ cable
- Check battery fluid level
- Check/ record battery voltd/ amps
- Check / record charger volts/ amps
- Check/ record alternator volts/ amps
- Load test or perform specific gravity test

Starting System

- Check start solenoid terminals
- Check starter connections

Electrical

- Inspect control panel: Check gauges, meters and indicator lights
- Visually inspect electrical connections
- Inspect main line circuit breaker

- Check generator output voltage
- Visually inspect generator and exciter windings

Fuel System

- **Change fuel filter(s) annually**
- Check for fuel leaks
- Clean/ inspect fuel bowl or water separator (if applicable)
- Check injection pump lines
- Check nozzle supply and return lines and fittings
- Check day tank operation and record level
- Check fuel transfer pump
- Check fuel solenoid
- Check fuel pressure regulator
- Inspect fuel tank and rupture basin for leaks

Exhaust System

- Visually inspect for leaks / damage
- Visually inspect flexible exhaust
- Drain condensation trap

Operating Check

- **30-Minute Building Load Test**
- Run and inspect for proper: oil pressure, coolant/ oil temperature, alternator charger rate, generator voltage and frequency
- Record all gauge and meter readings
- Check for leaks and excessive vibration
- Test all safety shutdown devices
- Check operation of louvers (if applicable)

Automatic Transfer Switch

- Inspect ATS & enclosure for corrosion, moisture
- Inspect controls and calibrate as needed
- Exercise clock-check and verify operation
- Record normal and emergency frequency/voltage at ATS connection
- Perform power failure or building load test (with approval), check/ record amperage/voltage on each leg
- Check transfer switch contacts for voltage drop(normal and emergency)
- Retrun all switches into proper operating mode

De-Energized

- Check all terminal connections for tightness
- Re-torque connections, TS mounting, contact mounting and terminals strips

Disabled

- Inspect all insulation for degradation
- Inspect barriers and arc chutes
- Inspect Transfer Switch coil, rectifier and resistors (OHMS)
- Inspect the coil and contacts of:
 - Selector relay
 - Lockout relay
 - Arming relay
 - Voltage relay
 - Normal relay
 - Emergency relay
 - All other accessory relays
- Inspect all timers
- Inspect and infrared arcing contacts where possible
- Inspect and infrared main contacts where possible
- Inspect linkage and lubricate as needed
- Clean the exposed Transfer Switch coil core and lubricate
- Clean Transfer Switch enclosure and controls

- Inspect and lubricate cabinet hardware for proper operation
- Re-lubricate the Transfer Switch operator and pivot points
- Replace defective indicator bulbs

Energized

- Record utility voltage
- Record utility amperage
- Record peak amperage
- Check for proper operation of the transfer switch, timers, relays, remote start contacts, exercisers, phase monitors, and record settings
- Check for voltage drop across the main current carrying contacts
- Check for excessive heat build-up with infrared thermometer
- Record emergency voltage
- Record emergency frequency
- Inspect all optional accessories

Bypass/Isolation Switches

- Inspect arcing contacts
- Inspect main contacts
- Inspect barrier and arc chutes
- Inspect linkage and lubricate as needed
- Check engine start bypass contacts for proper operation
- Inspect all safety interlocks

Close Transition Transfer Switches

- Check closed transition bypass operation
- Check alarm time delay settings

Miscellaneous Items

- Replace 9V ATS batteries as needed

Reports and Instruction

- Submit inspection/ test report to owner, with any recommendations of future work/ parts required
- Instruct owner personnel in operating or upkeep procedure

PREVENTATIVE MAINTENANCE AGREEMENT

EVAPAR, will perform two (2) visits annually. One (1) Inspection with an ****NFPA 110 1.5-Hour Load Bank Test** and one (1) Full Service, at six (6) month intervals. All work is for the below generators and all switchgear. Work to be scheduled and performed during regular business hours. Any change in service request would require a new quote. The charge for this maintenance will be as listed below and remain in effect for one year from date of signing.

Make	Model Number	Serial Number	kW	Location	Price
Cummins	350DFCC	G950581312	350kW	West/Main Pump	\$1,150.00
Cummins	500DFFB	E950578516	500kW	South/Secondary	\$1,700.00
Cummins	230GAC	J810522314	230kW	Portable	\$1,090.00
Cummins	150DSGAC-772121	H090021393	150kW	FS #23	\$1,280.00
Cummins	200DHAC-4639081	E100122998	200kW	FS #22	\$1,380.00
Cummins	483.961	191456	60kW	FS #23	\$1,190.00
Cummins	DFAC	L930527277	250kW	LS #7	\$1,490.00
Cummins	DFEK	A70016416	500kW	North/ATAD	\$1,700.00
Cummins		J970651805	60-100kW	Police	\$1,190.00
Cummins	DGEA	K930524787	125kW	Street Dept.	\$1,280.00
Multi-Unit Discount					-\$1,025.00
Total					\$12,425.00

This agreement can be renewed for up to 5-years for the same price.

****NFPA 110 8.4.2.3 Diesel-powered EPS installations that do not meet the requirements of 8.4.2 shall be exercised monthly with the available EPSS load and shall be exercised annually with supplemental loads at not less than 50 percent of the EPS nameplate kW rating for 30 continuous minutes and at not less than 75 percent of the EPS nameplate kW rating for 1 continuous hour for a total test duration of not less than 1.5 continuous hours.**

Optional Services

- Fuel Treatment \$18.72 per 240 gallons
- Diesel Fuel Tank Water Absorber/Snake with Fuel Life Technology \$98.31
- Diesel Fuel Analysis with 3rd Party Report \$238.00

This agreement does not include expenses to repair damage caused by abuse, accident, theft, acts of a third person, forces of nature, or altering the equipment. EVAPAR, shall not be responsible for failure to render the service for causes beyond its control, including strikes and labor disputes. This agreement is not assignable without the consent of EVAPAR, and will remain in force until cancelled by either party through written notice to the other.

800-867-9900 WWW.EVAPAR.COM

EVANSVILLE, IN	LOUISVILLE, KY	INDIANAPOLIS, IN	FT. WAYNE	MEMPHIS, TN	ST. LOUIS, MO
812-867-9900	502-267-6315	317-783-5434	260-497-7406	662-420-7096	314-739-8700

CUSTOMER

Signature _____
Print _____
Title _____
Company _____
Phone # _____
Date _____

EVAPAR

Signature Jim Siemers
Date March 10th, 2021

Quote Expires One (1) Year from this date

Please initial one (1) payment term.

Terms: This agreement is a ~~Pre-Paid~~ agreement, the entire amount of this contract is to be paid in full prior to any services being rendered. Issued Purchase Orders do not constitute payment. Upon receipt of payment, agreed upon services can be scheduled for execution. _____ (Initial)

Terms: This agreement will be invoiced on a Net 30 account. EVAPAR will invoice 50% after the Full Service (Major) is completed and 50% after the Inspection (Minor) and NFPA 110 1.5-Hour Load Bank is completed. City of Franklin understands that there will not be a 10% discount on corrective labor. _____ (Initial)

Corrective Labor Rates for Net 30 account as follows:

Normal Business Hours _____ \$125.00
After Hours and Saturdays _____ \$187.50
Sundays and Holidays _____ \$250.00

Corrective Labor Rates for The City of Franklin ~~Pre-Paid~~ account as follows:

Normal Business Hours \$112.50
After Hours and Saturdays \$168.75
Sundays and Holidays \$225.00

Corrective Travel Rate \$1.75 per mile portal to portal.

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