

Quoted To:

Alvord Unified School District
Michael Willingham
9 KPC Pkwy
Corona, CA 92879
United States

Phone (951) 509-5000

Here is the quote you requested.

Summary:

Date Apr 11, 2022
Salesperson mgarcia
P.O. Number
Ship Via

Terms n30

Description	Qty	Unit	Price	Ext. Price
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9KPC Parkway

<input type="checkbox"/> 1 Year Standard Service Contract Includes:	1	ea	\$1,621.40	\$1,621.40
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- (1) Annual Major UPS Preventative Maintenance Service
- (1) Semi-Annual Minor UPS Preventative Maintenance Service
- (2) Semi-Annual Battery Preventative Maintenance Services
- 7x24 Technical Phone Support
- 15 Minute Emergency Call Back
- 24 Hour on Site, or Sooner Response

*Note: Emergency Travel/Labor, Parts, Batteries, Main Transformers, and Capacitor Banks are NOT included and are subject to a separate quotation or billable at LORBEL's Standard Time & Material Rates

<input type="checkbox"/> 1 Year Standard Service Contract Includes:	1	ea	\$2,000.00	\$2,000.00
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- (1) Annual Major UPS Preventative Maintenance Service
- (1) Semi-Annual Minor UPS Preventative Maintenance Service
- (2) Semi-Annual Battery Preventative Maintenance Services
- 7x24 Technical Phone Support
- 15 Minute Emergency Call Back
- 24 Hour on Site, or Sooner Response

*Note: Emergency Travel/Labor, Parts, Batteries, Main Transformers, and Capacitor Banks are NOT included and are subject to a separate quotation or billable at LORBEL's Standard Time & Material Rates

Keller

<input type="checkbox"/> 1 Year Standard Plus Semi-Annual Generator/ATS Service Contract	1	ea	\$1,742.88	\$1,742.88
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- (1) Annual major Generator Preventative Maintenance Service
- (1_ Semi-Annual Minor Generator Preventative maintenance Service
- (2) Semi Annual ATS Preventative maintenance Service
- 15 Minute - 1 Hour Emergency Call Back

* Note: Emergency Travel/Labor, Parts, Starting Batteries, Fuel, and Coolant are NOT INCLUDED in this contract and are subject to a separate quotation or billable at Lorbels Standard Time & Material Rates.

Contract & PM Dates:

- Contract starts upon receipt of payment
- Major PM to be completed during the 1st month of the contract*
- Minor PM to be completed during the 6th month of the contract*
- *Unless otherwise noted

INCLUSIONS: Lorbels Critical Power Services will perform the agreed upon maintenance services, to include transportation, labor and materials for work performed during regular business hours, Monday through Friday (excluding Holidays) between 8AM and 5PM, unless otherwise noted.

Semi - Annual UPS Preventive Maintenance Scope of Work:

1. Check and evaluate alarm history.

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2. Perform a complete visual inspection of the equipment, with covers on, including sub-assemblies, wiring harnesses, contacts, cables and major components.
 3. Thermal Scan visible major assemblies and breakers for any hot spots.
 4. Check and evaluate alarm history activity.
 5. Record all displayed voltage and current panel meter readings on the module control or the system control cabinet.
 6. Measure and record DC bus voltage ripple voltage and ripple current.
 7. Verify remote monitoring operation, if installed.
 8. Check air filters for cleanliness; clean or replace if necessary.
 9. Vacuum & clean external areas.
 10. Inspect general condition of battery plant if not specifically covered under the Maintenance Agreement.
 11. Review system performance to address any questions and to schedule any remedial repairs.
 12. Provide a detailed written report noting any deficiencies and corrective action needed, taken and/or planned.
- Battery Preventive Maintenance Scope of Work:**
1. Inspect the appearance and cleanliness of the battery and the battery room. Clean normal jar top dirt accumulation (to be done only with battery off line).
 2. Measure and record the total battery float voltage and charging current.
 3. Measure and record the overall AC ripple voltage.
 4. Measure and record the overall AC ripple current.
 5. Visually inspect the jars and covers for cracks and leakage.
 6. Visually inspect for evidence of corrosion.
 7. Measure and record the ambient temperature.
 8. Verify the integrity of the battery rack/cabinet.
 9. Measure and record 100 % of the jar temperatures.
 10. Measure and record the float of the voltage of all cells.
 11. Measure and record all internal ohmic readings.
 12. Provide a detailed written report noting any deficiencies and corrective action needed, taken and/or planned.
- Annual Service Includes Above, Plus:**
1. Check the inverter assembly and rectifier assembly.
 2. Check Static Switch for operation.
 3. Check main components, such as AC/DC Capacitors, Inductors, Fans, Circuit Boards, Harnesses for tightness and heat discoloration.
 4. Thermal Scan all major assemblies and breakers for hot spots.
 5. Check fuses on the DC capacitor deck for continuity, if applicable.
 6. Verify all electronic control circuits set to system specifications.
 7. Measure and record all low-voltage power supply levels.
 8. Check operation of secondary power supply, if applicable.
 9. Adjust power supply output levels as required.
 10. With customer approval, perform operational test of the system by transferring the critical load to bypass mode or maintenance if applicable.
 11. With customer approval, perform operational test of the system by removing input power to the UPS to discharge batteries. Reapply power and verify normal operation has been restored.
 12. Remove dust from circuit cards and other sensitive components and vacuum dust and/or debris from inside the system cabinet, observing safety precautions.
- EXCLUSIONS:** Parts, Batteries, Main Transformers and Capacitor Banks are NOT included and subject to a separate quotation or billable at LORBEL's Standard Time & Material Rates, unless otherwise noted.

Generator Preventative Maintenance Scheduled Visits

Continued On Next Page ...

INCLUSIONS: Lorbel Critical Power Services will perform the agreed upon maintenance services, to include transportation, labor and materials for work performed during regular business hours, Monday through Friday (excluding Holidays) between 7AM and 4PM, unless otherwise noted.

Semi - Annual Generator Preventive Maintenance Scope of work:

1. Inspection of engine/generator controller for defects. Clean Controller and check connections.
2. Check all fluid levels and top off as necessary. (Fuel is Excluded) If you would like the fuel topped off each visit we can do this with your pre approval.

Please note Fuel will be billed on a separate invoice. Please initial for approval _____.

3. Inspect diesel fuel tank, day tank, fuel lines and fittings for defects. Document any such findings.*
4. Check equipment for any fuel, coolant and/or oil leaks. Document any such findings.*

Description	Qty	Unit	Price	Ext. Price
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5. Inspect all engine drive belts, pulleys and hoses for defects. Adjust belts if necessary.
6. Inspect the radiator fan, shroud, and radiator core fins for restrictions, cleanliness and or defects.
7. Inspect block heaters for proper operation.
8. Inspect the exhaust system for any cracked or broken parts. Document any such findings*
9. Inspect the fuel injection pump, transfer pump and governor system for defects.
10. Check and clean batteries to include terminals. Check electrolyte and specific gravity levels. Apply terminal preservative. Check battery cables and connections.
11. Inspect auxiliary battery charger for proper operation. Adjust, as necessary.
12. Check air cleaners and filters for any restrictions or defects. Clean as necessary.
13. Inspect the generator main circuit breaker for loose connections and heat marks.
14. Inspect generator alternator for heat and wear. Blow dust out of stator. Inspect bearing if possible.
15. Check electrical wiring for signs of abrasion, chaffing, and or corrosion at connectors.
16. While the unit is operating check for any fuel, oil, or coolant leaks. Repair minor leaks if possible and document any such findings*
17. Check battery charging alternator for proper DC voltage. Adjust if necessary.
18. Check fuel and governor system for proper operation. Adjust governor if necessary.
19. Run equipment and check equipment for abnormal vibrations and noises. Document any such findings. Record all gauge readings. Test engine safety shut down devices to ensure proper safety operation. Check voltage and frequency outputs at the ATS emergency input terminals. Make adjustments if necessary.
20. Inspect transfer switch(es) for any defects. Use infrared temp gun check for hot connections. Ensure the exercise clock is operational and is set to the customer specific time for exercise. Lubricate mechanical parts if possible.
21. Provide a detailed written report noting any deficiencies and corrective action needed, taken and/or planned.

Annual Service Includes Above, Plus:

1. Perform Semi - Annual inspections, as noted.
2. Change engine lubricating oil and oil filters, as per manufacturer specification.
3. Change engine fuel filters, as per manufacturer specification.
4. Check engine air filters, as per manufacturer specification.
5. Dispose of hazardous waste from service, if necessary.

EXCLUSIONS: Emergency Travel/Labor, Parts, Starting Batteries, Fuel and Coolant are NOT included in this contract, unless otherwise noted. Additional work based on findings are subject to a separate quotation or billable at LORBEL's Standard Time & Material Rates, unless otherwise noted.

Disclaimer: Pursuant to SCAQMD Rule 203 & 206, Lorbel Critical Power Services shall not operate or use any equipment without proof of a written permit to operate from the Executive Officer or except as provided in Rule 202. Permit should be affixed upon the equipment in such manner that the permit number, equipment description, and the specified operating conditions are clearly visible and accessible.

OPTIONAL SERVICES OFFERED (performed once per year):

- 2 Hour Load Bank service*
- Automatic Transfer Switch (ATS) Service and Testing (Service will be quoted separately)
- Fuel sampling test*
- Fuel polishing service to remove contaminants from bottom of fuel tank (Service will be quoted separately)
- Coolant sample test, each unit*

*To be performed, when checked, with the Semi – Annual Service listed above.

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9400 7th Street, Suite C2 | Rancho

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Description	Qty	Unit	Price	Ext. Price
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			Subtotal	\$5,364.28
Your investment in addition to the Grand Total:			Tax	\$0.00
\$0.00	Billed Monthly	\$0.00	Billed Quarterly	
\$0.00	Billed Yearly			
Deposit Required		\$0.00	Shipping	\$0.00
			Grand Total	\$5,364.28

Credit Card Purchase (purchase amount \$5552.03) [Includes \$187.75 convenience fee]

Quote is valid for 10 days. Prices and availability subject to change without notice or obligation. Prices based upon total purchase. All sales are final. Hourly project estimates are not a fixed-price commitment and are only an estimate. Actual time may vary and you will be invoiced for the actual time spent. Additional services beyond the above will be charged according to our current rates. Akins IT cannot make any representation as to the actual, final amount Client will incur for hourly fees and Parts. This is determined by many factors outside of the Akins IT's

Printed Name: _____ Title: _____

Signature: _____ Date: _____