

Attachment # _____
Supt. Approval _____

BOARD ACTION REQUEST FORM

DATE OF BOARD MEETING: March 12, 2025

ITEM: UPS Bid

AGENDA LOCATION (please check one)

- Discussion (*Items where board information/interaction/discussion is needed*)
 Action (*Items requiring the board to vote or take action, including resolutions*)

EQUIPMENT DESCRIPTION

Uninterruptible Power Supply (UPS) Equipment

ADMINISTRATOR SUBMITTING ITEM: Craig Schoon, Director of Technology

BACKGROUND INFORMATION:

Lake Orion Community Schools requested bids for uninterruptible power supply equipment to protect district technology power supply in the event of power loss before generator back-up kicks in. Triple R Consultants initiated the competitive bid process by releasing 2025-2026 Universal Service Fund E-Rate Requests for Proposals according to the standards and specifications of the district.

One proposal was received by Power Techniques.

FUNDING SOURCE & ACCOUNT NUMBER:

The project will be funded by the 2018 Bond, Series 2 or Series 3 bond funds.

RECOMMENDED ACTION:

It is the recommendation of Administration that the Board of Education authorize administration to finalize and execute an approved contract for UPS equipment to Power Techniques for a procurement total of \$63,117.89.

The Universal E-Rate request will provide us with a discount in the next year expected to be \$22,639.50. Therefore, the net expense would be \$40,478.39.



Uninterruptible

3210 Coolidge Highway
 Berkley, MI 48072
 800-536-8150 or 248-291-621
 PowerTechniquesInc.com

Date: March 4, 2025
 To: Lake Orion Schools
 Attention: Craig Schoon
 Project: Lake Orion School District
 Proposal: 17243
 Prepared by: Mike Lewandowski
 WBENC Certificate: 2005121903
 SPIN # 143051823

Line Item	Price	Description
Part 1: UPS	\$63,117.89	One Complete Systems 15kW N+1 <ul style="list-style-type: none"> • 15kW UPS (208/208) • Internal VRLA Batteries with 78 Min. Run time at 4kW Load. • External maintenance bypass with Kirk Key • 7x24 OEM start up • 1 year Factory Warranty with next business day response • Dock to Dock Delivery • Electrical Install by others
Part 2: Extended Warranty	Included	<ul style="list-style-type: none"> • Two Year Factory Extended warranty for each UPS. Combined with 1 year factory warranty is 3 years total.
Part 3: Annual Preventative Maintenance	Included	<ul style="list-style-type: none"> • Two Annual Preventative maintenance visits. • PM for UPS in years 2 and 3.
Part 4: Turnkey Electrical removal and install	Included	<ul style="list-style-type: none"> • Removal of Old UPS • Recycle UPS • Install new UPS • Off hours. Done on a Saturday
Total:	\$ 63,117.89	

Confidentiality: This information, all attachments and other information provided in connection with this documentation is confidential and proprietary to Power Techniques, Inc. and may not be disclosed to third parties, except as authorized in writing by Power Techniques, Inc. As a condition of receipt of this documentation, Receiver acknowledges and agrees to be bound by foregoing confidentiality obligations.

BILL OF MATERIAL

New UPS system 15kW

Qty. 1) Schneider model Galaxy VS Uninterruptible Power Supply System including:

System Capacity:	15 KVA/15 KW at unity power factor
Redundancy:	N+1
Input Voltage:	208 VAC, 3 wire + ground
UPS Input I _{max} :	54 Amps including full load, low line voltage and battery recharge
Output Voltage:	208 VAC, 4 wire + ground
Output I _{nominal} :	42 Amps

- Double Conversion Topology.
- Input power factor correction.
- Microprocessor controlled operation and diagnostics.
- Internal automatic static bypass rated 125% continuous duty.
- Internal manual maintenance bypass.
- External matching floor mounted 3 CB manual maintenance bypass
- Hardwired input and output top or bottom entry.
- Inter-cabinet conductors for adjacent cabinets provided (installed by others).
- Less than 6% Input THD to provide engine generator compatibility.
- Batteries Modular, Redundant (VRLA).
- Battery Management System: DC Voltage, including current charge and discharge, time remaining on battery, available time on battery, shutdown imminent, battery temperature and battery-cycle monitoring.
- System Monitoring and Metering Input voltage, input current/phase, bypass input Voltage and frequency UPS output voltage and current/phase, UPS output, bypass, and input frequency, UPS output percent load, UPS output power factor, UPS output kVA and KW, Crest factor per phase.
- SNMP/Web Management Card (data drop provided by others and installed by others).
- Local emergency power off with provisions for remote emergency power off.
- Startup by manufacturer including verification of installation, startup testing, cutover, and customer training during normal business hours. If more than one day or trip to the site is required due to not fault of Manufacturer, additional charges will be invoiced.
- Warranty:
 - Factory warranty, (1) year warranty including all parts, labor and next day emergency service.

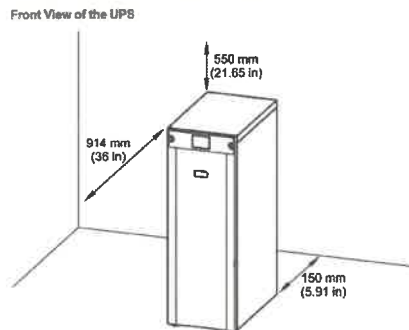
DIMENSIONS for Each UPS solution

UPS Cabinet:	78"h x 22"w x 33"d / 1,128 lbs.
Maintenance Bypass:	78"h x 24"w x 33"d / 430 lbs.
Total dimension (Each):	78"h x 46"w x 33"d

Clearance

NOTE: Clearance dimensions are published for airflow and service access only. Consult with the local safety codes and standards for additional requirements in your local area.

NOTE: The required minimum rear clearance is 150 mm (5.91 in).



NOTE: Batteries are an integral component of all uninterruptible power supply systems. Maintaining an optimum battery temperature of 77°F is a warranty requirement issued by Battery Manufacturers.

Part 2: Extended Warranty

- Standard Warranty is 1 year.
- UPS is covered with a 2-year additional extended warranty that covers:
 - Parts and Emergency Service Labor.
 - Emergency Response is next business day.
 - 24 x 7 Technical Support.
 - Shipping of any Required Parts.
 - Local OEM Field Service Representatives.
 - Field Service Bulletins.
 - Priority Access to the Supply Chain.

Part 3: Preventative Maintenance

- **UPS PM Scope:**
 - UPS PM to be performed during normal hours Monday to Friday (8:00 am to 5:00 pm)
 - UPS PM to be performed by local Schneider Electric Field Service Representative
 - Batteries to be tested for OHMIC value and Voltage
 - UPS PM provides a comprehensive inspection and baseline report of the UPS and/or PDU System to record the current status of critical components.
 - Activities Include: Perform Visual Inspection
 - Perform Environmental Inspection
 - Perform Mechanical / Electrical Inspection
 - Perform Functional Verification
 - Verify Status of all Installed Upgrades, Enhancements and FSB's
 - Review Logs
 - Report to be provided upon completion of visit.

Part 4: Turn Key Electrical Installation

- New 15KW Galaxy VS, Maintenance bypass and associated equipment to be delivered to EPD office.
- EPD to Transport new equipment to site at time of installation.
- Disconnect and remove existing Liebert UPS from Server room
- EPD to truck old unit back to office for pick up by recycling company
- Move New UPS into position and assemble
- Provide new 100amp Distribution panel to feed existing loads
- Reconnect existing EPO (Emergency Power Off) button
- Disconnect and remove existing remote monitoring panel
- New Unit does not require new remote monitoring panel
- Provide 80 amp shunt trip breaker in existing power panel to feed new UPS
- Reconnect shunt trip as is currently connected
- Assist Schneider with startup
- Saturday installation

Please address all purchase orders to:

Power Techniques, Inc.
3210 Coolidge Hwy.
Berkley, MI 48072

Attention: Susie Siekierski, Project Administration
E-mail: SSiekierski@PowerTechniquesInc.com
Phone: 248-291-6213 | Fax 248-291-6178

Prices: Firm 30 days.
Taxes: Applicable taxes not included.
Terms: Net 30 days.
Availability: UPS 16-18 weeks
Freight: Prepaid and included, f.o.b. shipping point.



APPENDIX B – BID SIGNATURE PAGE

I have examined the RFP Bid conditions and specifications herein and agree that if my company is awarded a contract to provide any of the products and/or services sought in this RFP, my company will provide the District with the products and/or services according to the Invitation to Bid, Bidder Instructions, General Conditions, Universal Service Fund (USF) Conditions, Scope of Work, Timeline Requirements, Awarded Contract Requirements, and Products and Services Specifications of this RFP and the Bid submitted herewith. Any and all deviations from the RFP Bid specifications are in writing and attached.

Submitted By:

Company Name: Power Techniques Inc

Company Address: 3210 Coolidge Hwy

City, State & Zip: Berkley, MI 48072

Telephone: 248-291-6213

Fax: 248-291-6178

Email: MLewandowski@PowerTechniquesInc.com

Representative Name: Mike Lewandowski

Title: Director of Business Development

Signature: Mike Lewandowski

Date: 2/24/25

Do not write below this line: For District Use Only

The following items are enclosed and/or included on the Bid:

- | | |
|---|--|
| <input type="checkbox"/> Proposal(s) (in duplicate) | <input type="checkbox"/> Intent To Bid Form (Appendix A) |
| <input type="checkbox"/> Bid Bond/Cashier's Check (5% of Bid) | <input type="checkbox"/> Bid Signature Page (Appendix B) |
| <input type="checkbox"/> USF E-Rate SPIN | <input type="checkbox"/> Bill of Materials (Appendix C) |
| <input type="checkbox"/> Four (4) references, one (1) of which is a school or school district | <input type="checkbox"/> Familial Disclosure Affidavit (Appendix D) |
| | <input type="checkbox"/> Iran Linked Business Affidavit (Appendix E) |

APPENDIX C – BILL OF MATERIALS TOTALS

I/we, the Bidder, hereby propose to furnish, deliver, and install the items listed below for the unit price indicated in accordance with the terms, conditions and specifications included in the Request For Proposals – Network Electronics.

NOTE: The Bidder must complete the Appendix C spreadsheet provided with this RFP. See sample below. The Bidder must include a separate Excel spreadsheet for each RFP section number they are bidding on. For example, bidding on section 8.4.1 and 8.4.2 would require two spreadsheets. Please only provide the total count for each unique part number rather than separating them by location or any other allocation. The Bidder may attach additional pages for Bill of Materials as needed. Appendix C is in addition to any other pricing documentation the Bidder may provide to the District by building and closet locations. Failure to attach the Appendix C spreadsheet(s) may be grounds for disqualification of any submitted bid.

BASE BID - Network Electronics Sample (Must include all components and installation cost totals)

Appendix C - Bill of Materials

Service Provider Name Power Techniques, Inc
 SPIN: 143051823
 Date: 3/4/2025
 District Name: Lake Orion Schools

QTY	SKU NUMBER	Manufacturer	Description	Eligible Cost	Ineligible Cost	Labor Cost	Total Cost	Total Eligible Cost
1	GVSUPS15KR085FS	Schneider Electric	Galaxy VS UPS 15kW 208V with N+1 power module, for 5 smart modular 9Ah battery strings, Start-up 5x8	\$19,130.63			\$19,130.63	\$19,130.63
1	GVSOPT032	Schneider Electric	Galaxy VS Cable Kit for 77.6in tall Maintenance Bypass Cabinet with transformer	\$2,261.25			\$2,261.25	\$2,261.25
1	GVSBP100T	Schneider Electric	Galaxy VS Maintenance Bypass Cabinet, single unit, 10-100kW, 77.6in tall	\$7,245.00			\$7,245.00	\$7,245.00
1	GVSOPT007	Schneider Electric	Galaxy VS Klirk Key Kit for Maintenance Bypass Cabinet with Transformer	\$1,513.13			\$1,513.13	\$1,513.13
2	GVSBT4	Schneider Electric	Galaxy VS Smart Modular Battery String High Capacity 9Ah	\$6,052.50			\$6,052.50	\$6,052.50
1	W0E2YR-VS2-A40	Schneider Electric	2 Year On-Site Warranty Ext for (1) Galaxy VS 10 to 15kW UPS	\$5,456.25			\$5,456.25	\$5,456.25
2	WPMV-VS2-A40	Schneider Electric	(1) Additional Contract PM Visit 5XB for (1) Galaxy VS 10 to 15kW UPS	\$2,531.25			\$2,531.25	\$2,531.25
1	WUPGSTRUP7-UG-01	Schneider Electric	Scheduling Upgrade to 7X24 for Existing Startup Service for up to 40 kVA UPS or Battery Frame	\$1,088.99			\$1,088.99	\$1,088.99
1		PTI	a. Basic project management			\$500.00	\$500.00	
1		PTI	b. Basic design and engineering			\$500.00	\$500.00	
1		Schneider Electric	c. Installation, activation, and initial configuration			\$1,200.00	\$1,200.00	
1		Schneider Electric	d. Basic training for the eligible equipment			\$250.00	\$250.00	
1		Schneider Electric	e. Three Year Manufacture Warranty *See above*					
1		Schneider Electric	f. 2 Preventive Maintenance Visits *See above*					
1		PTI	g. Recycle old UPS	\$250.00			\$250.00	
1		EPD	h. Turnkey Electrical removal of existing and installation of new unit			\$14,188.89	\$14,188.89	
1			i. Dock to dock shipping	\$950.00			\$950.00	
			Grand Total	\$46,479.00		\$16,638.89	\$63,117.89	\$45,279.00

APPENDIX D - FAMILIAL DISCLOSURE AFFIDAVIT

All Bids shall be accompanied by a sworn statement disclosing any familial relationship that exists between the owner(s) or any employee of the Bidder and any member of the Board of Education of the District and/or the Superintendent of the District.

The undersigned, owner or authorized officer of Power Techniques Inc (the Bidder), pursuant to the familial disclosure requirement provided in the Lake Orion Community Schools Universal Service Fund Request for Proposals, hereby represent and warrant, except as provided below, that no familial relationships exist between the Bidder or any employee of the Bidder, and any member of the Lake Orion Community Schools Board of Education and/or the Superintendent.

The following are the Bidder's familial relationship(s) with the Lake Orion Community Schools:

	Bidder/Employee	Name Related to:	Relationship
1.	_____	_____	_____
2.	_____	_____	_____

(Attach additional pages, if necessary, to disclose all familial relationships.)

There is no familial relationship that exists between the Bidder and/or any employee of the Bidder and any member of the Lake Orion Community Schools Board of Education and/or the Superintendent.

Bidder:

Power Techniques Inc
(Company Name)

By:

[Handwritten Signature]
(Signature)

President | CEO
(Title)

This instrument was acknowledged before me, a Notary Public, in and for Macomb County,
20th on this 20th day of February, 2025

[Handwritten Signature]
(Notary Public Signature)

SS:

My Commission expires: 8/31/25
Acting in the County of: Oakland



APPENDIX E - IRAN LINKED BUSINESS AFFIDAVIT

All Bids shall be accompanied by a sworn statement disclosing any Iran Linked Business relationship that exists within the owners, including its officers, directors, and employees.

The undersigned, owner or authorized officer of Power Techniques Inc (the bidder), pursuant to Michigan Public Act No. 517 of 2012, the "Iran Linked Business" requirement provided in the Lake Orion Community Schools Universal Service Fund Request for Proposals hereby represents and warrants that the bidder, including its officers, directors and employees, is not an "Iran Linked Business" within the meaning of the applicable Public Act, and that in the event bidder is awarded a contract as a result of this RFP, the bidder will not become an "Iran Linked Business" at any time during the course of performing under the contract. The bidder further acknowledges that any person who is found to have submitted a false certification is responsible for a civil penalty of not more than \$250,000.00 or 2 times the amount of the contract or proposed contract for which the false certification was made, whichever is greater, the cost of the District investigation, and reasonable attorney fees, in addition to the fine. Moreover, any person who submitted a false certification shall be ineligible to bid on future Requests for Proposals (RFPs) for three (3) years from the date that it is determined that the person has submitted the false certification.

There is not an "Iran Linked Business" that exists within the bidder and/or owner, officers, directors, and employees.

Bidder: Power Techniques Inc
(Company Name)

By: [Handwritten Signature]
(Signature)

President | CEO
(Title)

This instrument was acknowledged before me, a Notary Public, in and for

Macomb County, on this 20th day of February, 2025

[Handwritten Signature]
(Notary Public Signature)

SS:

My Commission expires: 8/31/25

Acting in the County of: Oakland



WBENC

WOMEN'S BUSINESS ENTERPRISE
NATIONAL COUNCIL

JOIN FORCES. SUCCEED TOGETHER.

hereby grants

National Women's Business Enterprise Certification

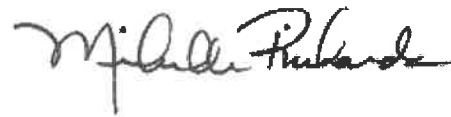
to

Power Techniques, Inc.

who has successfully met WBENC's standards as a Women's Business Enterprise (WBE).
This certification affirms the business is woman-owned, operated and controlled and is valid through the date herein.

Certification Granted: February 25, 2013
Expiration Date: February 25, 2026
WBENC National Certification Number: 2005121903

WBENC National WBE Certification was processed and validated by Great Lakes Women's Business Council, a WBENC Regional Partner Organization.



Authorized by Michelle Richards, President
Great Lakes Women's Business Council

Great Lakes
Women's
Business
COUNCIL

NAICS: 541330, 221330, 541490, 541512, 541513, 541519, 541990, 561210, 811210, 811310
UNSPSC: 26111704, 26111707, 26111709, 26111710, 26111711, 26121541, 26121629, 26121636, 39121001, 39121002, 39121007, 39121009, 39121011, 39121013, 39121014, 39121017, 39121106, 73171502, 77101502, 77101505



WBENC FLORIDA
WOMEN'S BUSINESS ENTERPRISE COUNCIL



WBENC METRONY
WOMEN'S BUSINESS ENTERPRISE CENTER

WBENC GREATER DMV
WOMEN'S BUSINESS ENTERPRISE CENTER



WBENC EAST
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WBENC ORV
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WBENC PACIFIC
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WBENC SOUTH
WOMEN'S BUSINESS ENTERPRISE COUNCIL

WBENC WEST
WOMEN'S BUSINESS ENTERPRISE COUNCIL