



1411 M-32 W  
 Alpena, MI 49707  
 (989) 354-5427  
 www.weinkaufph.com

# Invoice

Invoice Number  
20172  
 Invoice Date  
9/16/2022



Bill To: ALPENA COUNTY CLERK  
 720 W CHISHOLM ST, STE 6  
 ALPENA, MI 49707-2453

Re: ALPENA COUNTY REGIONAL AIRF  
 1641 AIRPORT RD  
 ALPENA, MI 49707-2453

Job No	Customer Number	Customer PO	Payment Terms	Due Date
100	ALP017		Net 30 Days	10/16/2022

Quantity	Description	U/M	Rate/Unit	Price
TWO BOILERS EXPERIENCING ELECTRICAL ISSUES – TROUBLE SHOOT UNITS. CLOGGED CONDENSATE LINES CAUSING MULTIPLE SWITCHES AND SENSORS TO INDICATE ERRORS TO CONTROL BOARD RESULTING IN ERROR CODES. BOILER ONE - REPLACED CONTROL BOARD, REPLACED REFRACTORY AND BAYONET FUSES ON BOTTOM SIDE OF HEAT EXCHANGER. BOILER TWO- REPLACE ONE REFRACTORY BOTTOM SIDE OF HEAT EXCHANGER AND BAYONET FUSES ON TOP AND BOTTOM SIDE OF HEAT EXCHANGER. CLEANED CONDENSATE LINES ON BOTH BOILERS. FOUND BAD BLOWER MOTOR ON RIGHT SIDE BOILER INSTALLED ID BLOWER ON BOILER ON THE RIGHT SIDE REVIEW INTERNAL PARAMETERS WITH TECH SUPPORT. CHANGE NECESSARY PARAMETERS. CYCLE AND VERIFY CORRECT OPERATION ON RIGHT BOILER.				

13.25	LABOR		90.00	1,192.50
2.00	LABOR		90.00	180.00
1.00	LABOR		90.00	90.00
1.25	LABOR		90.00	112.50
1.00	AERCO FIRESIDE INSP KIT F/AM-399-500	EA	294.47	294.47
1.00	AERCO IGN CNTRL KIT 885MN10	EA	1,369.00	1,369.00
1.00	AERCO ID BLOWER 115V	EA	3,073.00	3,073.00
4.00	AERCO THERMAL INSULATION F/REAR HEAT EXCANGER	EA	189.60	758.40
6.00	ARECO FUSE 102DEG C 2P MOLEX BAYONETTE	EA	157.12	942.72
1.00	IN-COMING FREIGHT CHARGE	EA	0.00	0.00

Subtotal	\$	8,012.59
Sales Tax (if applicable)	\$	0.00
<b>Total Due</b>	<b>\$</b>	<b>8,012.59</b>

1.5% Carring Charge added if account is not paid in 30 days.



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Invoice Number  
20173  
 Invoice Date  
9/16/2022



Bill To: ALPENA COUNTY CLERK  
 720 W CHISHOLM ST, STE 6  
 ALPENA, MI 49707-2453

Re: ALPENA COUNTY MDOT  
 1540 AIRPORT RD  
 ALPENA, MI 49707

Job No	Customer Number	Customer PO	Payment Terms	Due Date
S015188	ALP017		Net 30 Days	10/16/2022

Quantity	Description	U/M	Rate/Unit	Price
7-8-22 FOUND ONE OF TWO CONDENSER FANS CEASED. REMOVED FAN AND ORDERED REPLACEMENT				
7-26-22 INSTALL NEW CONDENSER FAN MOTOR. WHILE INSTALLING WE DROPPED THE CONDENSER FAN INSIDE THE UNIT AND BENT THE FAN BLADES. ORDER NEW FAN BLADES.				
8-15-22 INSTALLED FAN MOTOR AND NEW FAN BLADES. TEST UNIT.				

2.50	LABOR		90.00	225.00
1.00	LABOR		90.00	90.00
1.75	LABOR		90.00	157.50
0.00	LABOR		90.00	0.00
1.00	TRN #MOT19246 COND MTR 480/360VOLT 1/2HP V 1080RPM	EA	640.00	640.00
1.00	FAN 3 BLADE ALUM 26 DIA 22-25		0.00	0.00
	FREIGHT			

Subtotal	\$	1,112.50
Sales Tax (if applicable)	\$	0.00
<b>Total Due</b>	<b>\$</b>	<b>1,112.50</b>

1.5% Carring Charge added if account is not paid in 30 days.