



**State of North Carolina
Haywood County Schools**

401 Farmview Drive
Waynesville, NC 28786
828 456 2402

REQUEST FOR PROPOSAL - RFP 22-21

Proposal Issue Date: October 11, 2021

LOCATION: Various Locations

PROJECT: Boiler Services

Refer ALL Inquiries to: Adam Robinson

Phone: (828) 456-2402

Cell: (828) 508-4986

E-Mail: adrobinson@haywood.k12.nc.us

Project Designer: Adam Robinson

Phone: (828) 456-2402

Cell: (828) 508-4986

E-Mail: adrobinson@haywood.k12.nc.us

NOTICE TO OFFERER

Sealed proposals subject to the conditions made a part hereof will be received in this office until **10:00 am EST on Monday, October 25, 2021** for furnishing all labor, materials, equipment, and services incidental and implied, for all schools listed of the project described herein.

PRE-BID MEETING

No pre-bid meeting is scheduled. Contractors may visit the site during regular business hours by scheduling an appointment with Adam Robinson, HVAC Technician at (828) 508-4986.

SEND ALL SEALED PROPOSALS DIRECTLY TO THE ADDRESS SHOWN BELOW:

Haywood County Schools Maintenance Department
Attention: Josh Mease
401 Farmview Drive
Waynesville, NC 28786

THE PROCUREMENT PROCESS

The following is a general description of the process by which a firm will be selected to provide services.

1. Request for Proposals (RFP) is issued to prospective contractors.
2. Proposals in one original will be received from each offeror in a sealed envelope or package. Each original shall be signed and dated by an official authorized to bind the firm. Unsigned proposals will not be considered.
3. All proposals must be received by the issuing agency no later than the date and time specified on the cover sheet of this RFP.
4. At that date and time the proposals from each responding firm will be opened. Interested parties are cautioned that these costs and their components are subject to further evaluation for completeness and correctness and therefore may not be an exact indicator of an offeror's pricing position. Proposals are confidential until such time that award has been made. Thereafter, the Maintenance Department will furnish a bid tab upon request.
5. Proposals will be evaluated according to completeness, content, and experience with similar projects, ability of the offeror and its staff, and cost. Award of a contract to one offeror does not mean that the other proposals lacked merit, but that, all factors considered, the selected proposal was deemed most advantageous to Haywood County Board of Education.
6. Offerors are cautioned that this is a request for offers, not a request to contract, and the Haywood County Board of Education reserves the unqualified right to reject any and all offers when such rejection is deemed to be in its best interest.

PROPOSAL FORM

Various Location - Boiler Services

RFP# 22-21

DUE DATE: Monday, October 25, 2021 at 10:00 am EST

By submitting this proposal, the potential contractor certifies the following:

1. This proposal is signed by an authorized representative of the firm.
2. It can obtain and submit to the Owner insurance certificates as required within five (5) calendar days after notice of award.
3. The cost and availability of all equipment, materials, and supplies associated with performing the services described herein have been determined and included in the proposed cost.
4. All labor costs, direct and indirect, have been determined and included in the proposed cost.
5. The offeror has attended the conference (if applicable) or conducted a site visit and is aware of prevailing conditions associated with performing these services.
6. The potential contractor has read and understands the conditions set forth in the RFP and agrees to them with no exceptions.

Therefore, in compliance with this Request for Proposals, and subject to all conditions herein, the undersigned offers and agrees, if this proposal is accepted within 60 days (normally less) from the date of the opening, to furnish the subject services for a cost not to exceed:

JOB SPECIFICATIONS: Provide, Clean & Service for the schools listed. By brushing the fire side of the boilers, heat exchanges, combustion chambers and remove debris from inside. The controls, electrical connections and conduit will be removed to allow access for the clean out ports on the equipment. For the steam boilers the water side will be drained, flushed out and we will check the condition of the low water feeder and cutoffs. We will be removing them and cleaning out the bowls. Reinstall new gaskets. Close up the fire side of the boilers and replace the clean out gasket as required. Check the electrodes, wire connections, transformers, controls, limits and low water cutoffs for proper operation. Change the oil filters and nozzles as required. Start up the burners using a combustion analyzer to achieve efficient and safe operation. Provide a copy of the combustion reading to be left in the burner cabinet

BASE BID

\$ _____ dollars and _____ /100 \$ _____
(Full dollar amount in words) (Full dollar amount / numerically)

OFFEROR/VENDOR:		FEDERAL ID OR SOCIAL SECURITY NO.	
STREET ADDRESS:		PO BOX:	ZIP:
CITY & STATE & ZIP:		MBE STATUS:	
TELEPHONE NUMBER:	FAX NUMBER:	EMAIL:	
TYPED OR PRINTED NAME & TITLE OF PERSON SIGNING:		TYPE & LICENSE #:	
AUTHORIZED SIGNATURE:		DATE:	

END OF PROPOSAL FORM

Various Locations - Boiler Services

RFP# 22-21

TERMS: See Job Specification

PRE-BID MEETING: No pre-bid meeting is scheduled. Contractors may visit the site during regular business hours by scheduling an appointment with Adam Robinson, HVAC Technician at (828) 508-4986.

JOB SPECIFICATIONS: Provide, Clean & Service for the schools listed. By brushing the fire side of the boilers, heat exchanges, combustion chambers and remove debris from inside. The controls, electrical connections and conduit will be removed to allow access for the clean out ports on the equipment. For the steam boilers the water side will be drained, flushed out and the contractor will check the condition of the low water feeder and cutoffs. Contractor will be removing them and cleaning out the bowls. Reinstall new gaskets. Close up the fire side of the boilers and replace the clean out gasket as required. Check the electrodes, wire connections, transformers, controls, limits and low water cutoffs for proper operation. Change the oil filters and nozzles as required. Start up the burners using a combustion analyzer to achieve efficient and safe operation. Provide a copy of the combustion reading to be left in the burner cabinet. Locations include the following: A building - Canton Middle School Steam Oil fired boiler, B Building - Canton Middle School Steam Oil Fired boiler, Jonathan Valley Elementary 2- Water boiler oil fired burner, Waynesville Middle School - D Building Steam Oil Fired Boiler, WMS - C Building 2- Water boiler oil fired burners, Riverbend Elementary - 2 Water boilers oil fired burners, School Food Service - Steam oil fired burner. Pictures of boilers are attached with model and serial numbers.

SCOPE: Work shall consist of furnishing all labor, materials, equipment and services, incidental and implied, for this job. All items not specifically mentioned in the specifications, but which are obviously required to make the renovations complete, shall be included automatically.

QUESTIONS: Questions that are technical in nature shall be directed to Adam Robinson, HVAC Technician at (828) 508-4986.

QUALIFICATIONS: All bidders are required to have at least three (3) years of experience and supply three (3) references in this area if asked for them.

CONTRACTOR'S RESPONSIBILITY: The Contractor shall be responsible for the construction site during the performance of the work. The Contractor shall be responsible for any and all damages to persons and property during the performance of the work and shall further provide all necessary safety measures and shall fully comply with all federal state and local laws, building rules, rules and regulations to prevent accidents or injury to persons or property on or about the location of the work site. This is to include OSHA 1910, General Construction, or those regulations mandated by these specifications. Special attention shall be made to proper barricading of the work area.

SAFETY REGULATIONS: The Contractor shall adhere to the rules, regulations and interpretations of all state, federal and local laws, which pertain to works and site safety. This is to include OSHA 1910, General Construction, or those regulations mandated by these specifications.

CODES: All work shall be done in accordance with the specifications and shall comply with North Carolina Building Code, Underwriters' Rules and Regulations and Federal, State and Local Regulations covering work of this nature. Whenever drawings or specifications are in excess of such laws, codes and regulations, the specifications shall hold. All equipment shall have U. L. labels attached.

PERMITS: The Contractor shall hold the appropriate license for work to be performed and shall secure all permits required for the job completion, obtain and deliver to the Owner, all certification of inspection issued by the authorities having jurisdiction and roofing material manufacturer. Contractor is responsible for paying all costs associated with Haywood County building permits. **All final certificates must be delivered to the owner prior to request for final payment.**

SCHOOL SECURITY & ACCESS: Security, safety and protection of the instructional environment are priority concerns of Haywood County Schools. The Contractor shall confine activities to the work area and shall not engage or interact with students, teachers or staff that are not designated as contact personnel. The Contractor shall screen all employees on-site; and, at the request of the Owner, provide documentation that employees and subcontractors meet standards. The Owner, school staff and Contractor shall designate contact personnel and provide contact information to assist in the resolution of any logistical or safety issues beforehand, or that may arise during construction.

SCHEDULING: The Contractor must submit a precise time schedule as to when specific work will occur in specific areas within the building. This will be used to coordinate the work with the occupants of the building. The Maintenance Director may alter the schedule at any time to maintain the work process within the facility. Work must be scheduled during hours that are acceptable to the Haywood County Board of Education and shall not incur any additional cost due to scheduling.

WORKERS ON THE JOB: All employees of the Contractor shall, while on Haywood County Board of Education property, must act in a professional and courteous manner. All workers shall be expected to wear shirts while on Board property. Also, all employees of the Contractor must "**sign in**" in the main office upon entering the facility and must "**sign out**" upon leaving the property. Any employee of the Contractor may be told to leave the property by the Maintenance Director if they do not follow these procedures. The employee shall be replaced with another at no additional cost to the Haywood County Board of Education. **NOTE: There needs to be one person on each site that speaks fluent English.**

In accordance with G.S. 14-208.18, all persons who (1) are required to register under the Sex Offender and Public Protection Program and (2) have been convicted of certain sexually violent offenses or any offense where the victim was under the age of 16 years at the time of the offense are expressly forbidden to knowingly be present on any property owned or operated by the school system, including school buildings, athletic fields, playgrounds, parking lots, school buses, activity buses or other property of any kind for any reason, including attendance at sporting events or other school related functions, whether before, during or after school hours. It is the responsibility of the contractor or vendor that their employees and subcontractors are in accordance with G.S. 14-208.18.

PRICE ADJUSTMENTS: (TERM CONTRACTS ONLY): Any price changes, downwards or upwards, which might be permitted during the contract period must be general, either by reason of market change or on the part of the contractor to the other customers.

- a) **Notification:** Must be given to Haywood County Schools, in writing, concerning any proposed price adjustments. Such notifications shall be accompanied by a copy of the manufacturer's official notice or other acceptable evidence that the change is general in nature.
- b) **Decreases:** Haywood County Schools shall receive full proportionate benefit immediately at any time during the contract.
- c) **Increases: Consumer Price Index (CPI):** Contract prices for equipment and/or service will remain firm through June 30, 2021. Contractors must request price adjustments, in writing 30 days prior to the renewal date. If a Contractor fails to request CPI price adjustment 30 days prior to the adjustment date, the adjustment will be effective 30 days after Haywood County Schools receives their written request. Price adjustments will be made in accordance with the percentage change in the U.S Department of Labor Consumer Price Index (CPI-U) for all urban consumers, all items, and the southern region. The price adjustment rate will be determined by comparing the percentage difference between the CPI in effect for the base yearly average (January through December beginning the year 2020); and each (January through December) thereafter. The percentage difference between those two (2) CPI issues will be the price adjustment range. No retroactive contract price adjustments will be allowed. All bidders will be capped with a 3% maximum price increase.
- d) **Invoices:** It is understood and agreed that orders will be shipped at the established contract prices in effect on dates orders are placed. Invoicing at variances with this provision will subject the contract to cancellation. Applicable North Carolina sales tax shall be invoices as a separate item.

EQUIPMENT AND TOOLS: The Contractor shall use no equipment or tools that are owned by the Haywood County Board of Education. Also, the contractor except for opening locked gates, doors, etc., and giving directions shall utilize no employees of Haywood County Schools. Questions of a technical nature shall be directed to the Maintenance Director.

MATERIALS: No materials shall be stored on site and the Haywood County Board of Education is not responsible for any materials, equipment or tools lost or stolen from the site. Any materials needed to complete the job shall be included in the bid.

CLEAN UP: The area of work shall be cleaned daily so that the Haywood County Board of Education shall not incur any additional costs to make the area suitable for the educational process. Also, the Contractor shall utilize no trash receptacles or dumpsters owned by the Haywood County Board of Education. All trash and debris shall be properly disposed of off the property.

PERFORMANCE OF WORK: All work shall be performed at the highest level of quality. The Owner shall be responsible for determining the quality of work, and may notify the Contractor of the same. **ANY WORK COMPLETED THAT IS NOT SUITABLE TO THE OWNER SHALL BE REPEATED BY THE CONTRACTOR AT NO COST TO THE OWNER.** Any damage to existing areas or utilities will be the responsibility of the Contractor. **NO EXCEPTIONS.**

WARRANTY: All labor, materials, equipment and services shall be warranted for one year from acceptance of job.

Contractor must adhere to the guidelines within these specifications; failure to do so will result in default of payment by the Haywood County Board of Education and/or cancellation of this contract.

**The Haywood County Boards of Education reserves the right to reject any
or all bids for any or no reason, and to waive informalities.**

END OF RFP

Waynesville Middle School - C Building (x2)



Cyclonetic®

MODEL NUMBER

SERIAL NUMBER

JB10-03-RM7895C-H-IRI

138037A-01-0695

PATENT PENDING

OIL INPUT RATING

	GPH	PSIG
MAXIMUM	5.5	290
MINIMUM	3.25	100
FUEL	NO. 2 OIL	

	VOLTS	AMPS	HERTZ	PHASE	HP
CONTROL CIRCUIT	115	-	60	1	
BURNER MOTOR	120	7.6	60	1	1/3
OIL PUMP MOTOR			60		



WEBSTER
ENGINEERING & MANUFACTURING CO., INC.

WINFIELD, KANSAS 67156

MP2221

960002

NC 272074



WEIL-McLAIN

78 BOILER

Boiler Model No.	678
Series No.	1
I=B=R Input LT Oil, gph	5.50
Gas, Mbh	789
Gross I=B=R Output, Btu/hr	643,000
Net I=B=R Rating	
Water, Mbh	559
Steam, Sq. Ft.	2000
Steam, Mbh	482

CERTIFIED BY

WEIL-McLAIN
A Division of The Menck Company
Michigan City, Indiana 46300

MAXIMUM W.P., WATER 60 PSI
STEAM 15 PSI
MIN. RELIEF VALVE CAP. 643 LB/HR
OR MBH

I=B=R Ratings apply to Burner Models
with "W" Prefix or Suffix.

90-223-121

Waynesville Middle School - D Building



C248875

CERTIFIED BY
WEIL-McLAIN
Water Heating Equipment Division

MAX. W.P. STEAM 15 PSI
WATER 50 PSI

IN. RELIEF VALVE CAP. 3000 LB/NR OR MBH

NET I-B-R RATING

STEAM 15 PSI SQ. FT.
STEAM 50 PSI MBH
WATER 50 PSI MBH

MODEL NO. 6L-1285 S W
SERIAL NO. 3153
RATED OUTPUT 3000 BTU
FUEL OIL 1

WEIL-McLAIN
150-430-777



 UNDERWRITERS
LABORATORIES
INC. ®
LISTED

OIL BURNER NO. 36567
FOR USE WITH INTEGRAL
GROUP 9
PRIMARY SAFETY CONTROL
OIL NOT HEAVIER THAN NO. 2
MP2526 P/N 4211

FAT. NO. 307549
Mfd. by
BURNER
MODEL
NO.
FIRING
RATE
MAX.
MIN.
CONTROL

[Faded, illegible text on a light-colored rectangular plate]

Canton Middle School - A Building



WEIL-McLAIN

MODEL 88 SERIES 1 BOILER

TO DETERMINE BOILER SIZE, COUNT THE NUMBER OF SECTIONS OR MEASURE THE JACKET LENGTH. CHECK BOX NEXT TO BOILER SIZE INSTALLED.

MODEL NUMBER	NUMBER OF SECTIONS	JACKET LENGTH INCHES	MIN. RELIEF VALVE CAP. LBS/HR OR MBH	I=B=R INPUT		GROSS I=B=R OUTPUT MBH	Net I=B=R Ratings		
				LT. OIL GPH	GAS MBH		STEAM Sq. Ft.	STEAM MBH	WATER MBH
<input type="checkbox"/> 485R	4	32-1/4	810	6.90	996	794	2483	596	690
<input type="checkbox"/> 485	4	32-1/4	810	7.00	1010	810	2533	608	704
<input type="checkbox"/> 588	5	40-1/4	1084	9.40	1357	1084	3388	813	943
<input type="checkbox"/> 688	6	48-1/4	1358	11.80	1703	1358	4275	1028	1181
<input type="checkbox"/> 788	7	56-1/4	1632	14.20	2049	1632	5225	1254	1419
<input type="checkbox"/> 888	8	64-1/4	1904	16.60	2396	1904	6154	1477	1686
<input type="checkbox"/> 988R	9	72-1/4	2176	17.20	2482	1991	6442	1548	1731
<input type="checkbox"/> 988	9	72-1/4	2176	18.80	2713	2176	7038	1689	1892
<input type="checkbox"/> 1088R	10	80-1/4	2452	20.00	2887	2304	7454	1789	2003
<input type="checkbox"/> 1088	10	80-1/4	2452	21.50	3103	2452	7933	1904	2132
<input type="checkbox"/> 1188	11	88-1/4	2724	23.50	3392	2724	8813	2115	2369
<input type="checkbox"/> 1288	12	96-1/4	3000	26.00	3753	3000	9704	2329	2609
<input type="checkbox"/> 1388	13	104-1/4	3270	28.50	4113	3270	10579	2539	2843
<input type="checkbox"/> 1488	14	112-1/4	3550	31.00	4474	3550	11483	2756	3087
<input type="checkbox"/> 1588	15	120-1/4	3820	33.00	4763	3820	12358	2900	3322
<input type="checkbox"/> 1688R	16	128-1/4	4090	34.50	4979	3980	12875	3020	3461
<input type="checkbox"/> 1688	16	128-1/4	4090	35.50	5124	4090	13229	3175	3587
<input type="checkbox"/> 1788	17	136-1/4	4370	38.00	5485	4370	14138	3383	3800
<input type="checkbox"/> 1888	18	144-1/4	4640	40.50	5845	4640	15008	3592	4038



CERTIFIED BY
WEIL-McLAIN

MAWP, WATER 50 PSI
MAWP, STEAM 15 PSI
MAX. WATER TEMP. 250°F



I=B=R Ratings Apply to Burner
Models with "W" Prefix of Data
MSA Number 19-05-E

250-223-800 (1121)

Cyclonetic

MODEL NUMBER

JB2C-15-RM7840L-HH.15-UL/NCSC

SERIAL NUMBER

U74042A-1-7-04

GAS INPUT RATING

MBTU/HR IN. WC

OIL INPUT RATING

GPH PSIG

MAXIMUM

2884

2.5

20.0

280

MINIMUM

1887

1.2

12.0

100

FUEL

NATURAL GAS

#2 FUEL OIL

VOLTS AMPS HERTZ PHASE HP

CONTROL CIRCUIT

115

5.0

60

1

BURNER MOTOR

230

8.8

60

1

1.5

OIL PUMP MOTOR



WEBSTER

Engineering & Manufacturing Co., Inc.
Winfield, KS 67156

Canton Middle School - B Building



UL UNDERWRITERS
LABORATORIES
INC. ®
LISTED

OIL BURNER NO. **56566**
FOR USE WITH INTEGRAL
GROUP **9**
PRIMARY SAFETY CONTROL
OIL NOT HEAVIER THAN NO. **2**
MP2526 P/N 4211

WEIL-McLAIN Wm
COMPANY INC.
MICHIGAN CITY INDIANA

MANUFACTURED BY
Gordon-Platt Energy Group 090129-0000

PAT. NO. 3,076,4
Mfd. by
BURNER
MODEL
NO.
FIRING
RATE
MAX.
MIN.
CONTROL
120 V
BLOWER M
240 V

PAT. NO. 3,076,497

090266-1000

Mfd. by GORDON-PIATT ENERGY GROUP
Winfield, KS USA

BURNER
MODEL
NO.

1010-1-0-200

FIRING
RATE

MBH

MINIMUM
FIRING
RATE

GPH

MAX

21.5

MIN

-13.0

CONTROL SYSTEM

120

VOLTS

60

HZ

1

PH

5.0

AMP

BLOWER MOTOR

2

HP

240

VOLTS

60

HZ

1

PH

13.0

AMP



MAX. W.P. STEAM 15 PSI
WATER 15 PSI

CERTIFIED BY
WEIL-McLAIN

A Miller Company
Michigan City, Indiana 46360

MIN. RELIEF VALVE CAP LB / HR OR MCH

NET I-P-R RATING

STEAM G.P.H.

SCALES SIZE

SERIES

GROSS OUTPUT B.T.U.

STEAM

INPUT GAS MCH

INPUT OIL GPH

LT. / HVY. OIL

WATER

92136

Jonathan Valley Elementary School (x2)



Cyclonetic[®]

MODEL NUMBER

SERIAL NUMBER

J81C-03-RM7840L-HH.10-UL

U71177A-02-10-03

GAS INPUT RATING

OIL INPUT RATING

MBTU/HR IN.WC

GPH PSIG

MAXIMUM

1357

2.4

9.4

292

MINIMUM

853

1.2

5.5

100

FUEL

NATURAL GAS

#2 FUEL OIL

VOLTS AMPS HERTZ F SE HP

CONTROL CIRCUIT

115

5.0

60

BURNER MOTOR

230

3.8

60

1/3

OIL PUMP MOTOR



WEBSTER

Engineering & Manufacturing Co., Inc.
Winfield, KS 67156



WEIL-McLAIN

MODEL 88 SERIES 1 BOILER

TO DETERMINE BOILER SIZE, COUNT THE NUMBER OF SECTIONS OR MEASURE THE JACKET LENGTH. CHECK BOX NEXT TO BOILER SIZE INSTALLED.

MODEL NUMBER	NUMBER OF SECTIONS	JACKET LENGTH INCHES	MIN. RELIEF VALVE CAP. LBS/HR OR MBH	I=B=R INPUT		GROSS I=B=R OUTPUT MBH	Net I=B=R Ratings		
				LT. OIL GPH	GAS MBH		STEAM Sq. Ft.	STEAM MBH	WATER MBH
<input type="checkbox"/> 488R	4	32-1/4							
<input checked="" type="checkbox"/> 488	4	32-1/4	810	6.90	996	794	2483		
<input type="checkbox"/> 588	5	40-1/4	1064	9.40	1010	810	2533	596	690
<input type="checkbox"/> 688	6	48-1/4	1358	11.80	1357	1084	3388	608	704
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<input type="checkbox"/> 1088	10	80-1/4	2452	20.00	2887	2304	7454	1689	1892
<input type="checkbox"/> 1188	11	88-1/4		21.50	3103	2452	7933	1789	2003
<input type="checkbox"/> 1288	12	96-1/4	2724	23.50	3392	2724	8813	1904	2132
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<input type="checkbox"/> 1588	15	120-1/4	3550	31.00	4474	3550	11483	2539	2843
<input type="checkbox"/> 1688R	16	128-1/4	3820	33.00	4763	3820	12358	2756	3067
<input type="checkbox"/> 1688	16	128-1/4	4090	34.60	4979			2986	3322
<input type="checkbox"/> 1788	17	136-1/4	4370	35.50	5124	3980	12875	3090	3461
<input type="checkbox"/> 1888	18	144-1/4	4640	36.00	5485	4090	13229	3175	3567
				40.50	5845	4370	14138	3393	3800
						4640	15008	3602	4035

CERTIFIED BY
WEIL-McLAIN

MAWP, WATER 50 PSI
MAWP, STEAM 15 PSI
MAX. WATER TEMP. 250°F



In-Built Ratings Apply to Burner Models with "W" Prefix or Suffix
MEA Number: 75-65-E

950-223-6336 (11/01)



School Food Service



NC 248873

H

MAX. W.P. STEAM 15 PSI
WATER 50 PSI

CERTIFIED BY
WEIL-McLAIN
A Marley Company
Michigan City, Indiana 46360

I-B-R
REG. U.S. PAT. OFF.

NET I-B-R RATING
STEAM 6154 SQ. FT.

MIN. RELIEF VALVE CAP 1904 LB/HR OR MBH

BOILER SIZE BL-888-WS
SERIES
GROSS OUTPUT 1904000 BTU
STEAM 1477 MBH

INPUT GAS 2396 MBH
INPUT OIL 16.6 GPH
LT. / HWY. OIL LT
WATER 1656 MBH

550-430-777

MP-22221

UL
UNDERWRITERS
LABORATORIES
LISTED INC.®

OIL BURNER

NO. **X 694312**

FOR USE WITH INTEGRAL GROUP
PRIMARY SAFETY CONTROLS
OIL NOT HEAVIER THAN NO. **2**

Cyclometric®

MODEL NUMBER **UB10-7-R414CM-LHL** SERIAL NUMBER **D0197078**

PATENT PENDING

OIL INPUT RATING

MAXIMUM **16.6** GPH PSIG **285**

MINIMUM **10.0** PSIG **100**

FUEL NO. **2 OIL**

CONTROL CIRCUIT	VOLTS	AMPS	HERTZ	PHASE	HP
BURNER MOTOR	115	5	60	1	1
OIL PUMP MOTOR	240	7.5	60	1	3/4

WEBSTER
ENGINEERING & MANUFACTURING CO., INC.®
WINFIELD, KANSAS 67156

MP2221 960002

Riverbend Elementary School (x2)



PowerFlame Burner

MODEL NO.

C1-0

SERIAL NO.

689780985

INVOICE NO.

161818

TYPE

MIN.

MAX.

GAS

MBH

MBH

1/2

OIL

2.5

GPH

8.8

GPH

CONTROL VOLTS

115/10

AMPS

MOTOR VOLTS

115/10

AMPS

12.4

MOTOR HORSEPOWER

1/2

INTEGRAL CONTROL GROUP - GAS

9

INTEGRAL CONTROL GROUP - OIL

GAS MANIFOLD PRESS (IN. WC)

PowerFlame Incorporated®

PARSONS, KS

P/N 91200

