



Facility Repair Proposal

Region: 4A
Fac ID: NY030
Date: 1/10/23

CSS # 90855
Maximo Work Order No.: 11484

Asset ID: NA

Original Work Request:
Boiler #3 will not run or operate at all.

Description of Repairs Needed:
Labor and material to install a.) Hydro-therm KN Series model- KN6 w/ Lon Works Proto Cessor this boiler has a lead time of eight weeks.

Parts List: Hydro-therm KN Series model- KN6

Equipment List: NA

PM History:
NA

Cost Proposal:
See attached RS Means Estimate.

Total Cost: \$59598.36

Estimate Name: CSS 90855 - WO 11484 - NY030 Replace Boiler

ESTIMATE INFORMATION

Client Name:	99th	Type: Unit
Estimate Address:	3126 Upper Lake Road, Horseheads, NY 14845-3103	Measurement System: US Standard

Notes:

COST DATA

Estimate Summary:

	Material	Labor	Equipment	Total*
Base Total	\$ -	\$ 13,528.24	\$ 1,609.14	\$ 21,582.64
Total O&P	\$ 30,549.00	\$ 20,832.18	\$ 1,771.92	\$ 59,598.36

*"Total" column values include the cost of Exception lines that may not be included in the Material, Labor and Equipment totals.

Catalog: Facilities and Commercial Renovation
Format: MasterFormat 2018
Release: Year 2022 Quarter 4
Labor Type: Repair & Remodeling
City Cost Index: NEW YORK / ELMIRA (148-149)

LEGEND

Line Source: U - User defined line item
A - Adjustment/Modifier
E - Exception lines

ESTIMATE

Quantity	LineNumber	Line Source	SubContracted Ind.	Description	Crew	Daily Output	Labor Hours	Unit	Material	Labor	Equipment	Total	Ext. Mat.	Ext. Labor	Ext. Equip.	Ext. Total	Mat. O&P	Labor O&P	Equip. O&P	Total O&P	Ext. Mat. O&P	Ext. Labor O&P	Ext. Equip. O&P	Ext. Total O&P	Labor Type	Notes
2.0	015433402055	U		Rent forklift,pnm tire,all terr,tele boom, 6600 lb, 29' reach, 42' lift, Incl. Hourly Oper. Cost.	A3A	0	0	Day	\$ -	\$ 335.00	\$ 626.73	\$ 961.73	\$ -	\$ 670.00	\$ 1,253.46	\$ 1,923.46	\$ -	\$ 498.00	\$ 689.40	\$ 1,187.40	\$ -	\$ 996.00	\$ 1,378.80	\$ 2,374.80	USER	
4.0	015436501300	U		Mobilization or demobilization, delivery charge for equipment, hauled on 3-ton capacity towed trailer	A3Q	0	0	Ea.	\$ -	\$ 165.53	\$ 88.92	\$ 254.45	\$ -	\$ 662.12	\$ 355.68	\$ 1,017.80	\$ -	\$ 257.49	\$ 98.28	\$ 355.77	\$ -	\$ 1,029.96	\$ 393.12	\$ 1,423.08	USER	Mob/demob of forklift Delivery of new boiler to the site Removal of old boiler from the site
2.0	230923108050	E		Control components/DDC system, applications software, basic maintenance manager software, excl. database entry		0	0	Ea.	\$ -	\$ -	\$ -	\$ 1,979.25	\$ -	\$ -	\$ -	\$ 3,958.50	\$ -	\$ -	\$ -	\$ 1,979.25	\$ -	\$ -	\$ -	\$ 3,958.50	RR	
2.0	230923108200	E		Control components/DDC system, applications software, boiler optimization		0	0	Ea.	\$ -	\$ -	\$ -	\$ 1,243.38	\$ -	\$ -	\$ -	\$ 2,486.76	\$ -	\$ -	\$ -	\$ 1,243.38	\$ -	\$ -	\$ -	\$ 2,486.76	RR	
1.0	235223202240	U		Boiler, gas fired, natural or propane, cast iron, Hydrotherm KN Series with LonWorks ProtoCessor	Q7	0	0	Ea.	\$ -	\$ 4,631.73	\$ -	\$ 4,631.73	\$ -	\$ 4,631.73	\$ -	\$ 4,631.73	\$ 30,549.00	\$ 7,145.43	\$ -	\$ 37,694.43	\$ 30,549.00	\$ 7,145.43	\$ -	\$ 37,694.43	USER	
1.0	235223202240	U		Boiler, gas fired, natural or propane, cast iron, steam, gross output, 765 MBH, includes standard controls and insulated jacket, packaged	Q7	0	0	Ea.	\$ -	\$ 4,631.73	\$ -	\$ 4,631.73	\$ -	\$ 4,631.73	\$ -	\$ 4,631.73	\$ -	\$ 7,145.43	\$ -	\$ 7,145.43	\$ -	\$ 7,145.43	\$ -	\$ 7,145.43	USER	Labor to remove the existing boiler
2.0	235223209900			Boiler, gas fired, minimum labor/equipment charge	Q6	1	24	Job	\$ -	\$ 1,466.33	\$ -	\$ 1,466.33	\$ -	\$ 2,932.66	\$ -	\$ 2,932.66	\$ -	\$ 2,257.68	\$ -	\$ 2,257.68	\$ -	\$ 4,515.36	\$ -	\$ 4,515.36	RR	
Grand Total												\$ 15,168.60	\$ -	\$ 13,528.24	\$ 1,609.14	\$ 21,582.64				\$ 51,863.34	\$ 30,549.00	\$ 20,832.18	\$ 1,771.92	\$ 59,598.36		





HydroTherm®

260 NORTH ELM STREET
WESTFIELD, MA. 01085



ANS Z21.13b CSA4.9b-2007

LOW PRES. BOILER

DIRECT VENT BOILER/
CHAUDIERE A EVACUATION DIRECTE

MODEL NO./MODÈLE No.

KN-6

SERIAL NO./SÉRIE No.

KN-H-NET-M09N-3782

EQUIPPED FOR/PRÉVU POUR

NAT

GAS/GAZ

INLET GAS PRESSURE/ PRESSION DE GAZ A L'ENTREE	NAT. GAS/ GAZ. NAT.	LP GAS/ GAZ. B.P.	MANIFOLD GAS PRESSURE/ PRESSION DE GAZ AU COLLECTEUR
MIN. (IN.W.C.)/ MINI (POUNCES DE COLONNE D'EAU)	2 4.98	2 4.98	
MAX. (IN.W.C.)/ MAXI (POUNCES DE COLONNE D'EAU)	14 34.84	14 34.84	

MAX. INPUT/
ALIMENTATION:

0-2000

FEET

600,000/176

BTU/HR
kW

MIN. INPUT/
ALIMENTATION MINI:

120,000/35

BTU/HR
kW

MAX OUTPUT/
PUISSANCE UTILE:

510,000/149

BTU/HR
kW

MIN OUTPUT/
PUISSANCE UTILE:

102,000/30

BTU/HR
kW

ORIFICE/
ORIFICES:

.543/13.79

DMS/
mm

MAXIMUM AMPS./AMP. MAXI: 12

ELECTRICAL RATING/PUISSANCE ELECTRIQUE NOMINALE:

120V/1PH/60HZ

FOR EITHER DIRECT VENT INSTALLATION OR FOR INSTALLATION USING INDOOR COMBUSTION AIR
POUR OU L'INSTALLATION DES ORIFICES DIRECTES OU POUR L'INSTALLATION
EN UTILISANT L'AIR COMBUSTION A L'INTERIEUR.
FOR INSTALLATION ON COMBUSTIBLE FLOORING
FOR INSTALLATION SEULEMENT SUR ON PLANCHER COMBUSTIBLE

INSTALLER CLEARANCES TO COMBUSTIBLE MATERIALS:
ECARTEMENT MINIMAL DE MATIERES COMBUSTIBLES:

FRONT & REAR:
DEVANT & ARRIERE:

6 IN.
153 mm

TOP:
DESSUS: 6 IN.
153 mm

VENT:
EVENT: 6 IN.
153 mm

RIGHT AND LEFT SIDE:
COTE DROIT ET GAUCHE:

6 IN.
153 mm

CERTIFIED BY BFC / CERTIFIE PAR BFC
/PSMA

100

PSI

689.5

kPa

250°F / 121°C

510

LBS/HR.

42-2997 REV.5

MAWP 100 PSI / 689 kPa
MAX. WATER TEMP./TEMP. MAX. DE L'EAU

MINIMUM RELIEF VALVE CAPACITY /
CAPACITE MIN. DECHARGE
DU ROBINET DE DECHARGE

