

CITY OF BRECKSVILLE BOILER PLANT REPLACEMENT PROJECT

Bid Opening: Friday, September 12, 2014

Present Were: Becki Burlingham, City of Brecksville, Ron Weidig, City of Brecksville, Tony Graham, City of Brecksville, Bob Ambrose, TES Engineering, Joe Zaworski, TES Engineering, Ric Lesinski, Roberts Mechanical Equipment, Rob Van Goor, R.L. Deppmann Co., Tom Galon, Northeastern Refrigeration and Vince DiCaprio, D.B. Johnsen Co.

PHASE ONE BID TABULATION: FURNISHING OF BOILERS

	D.B. JOHNSEN, CO.-Base Bid	D.B. JOHNSEN, CO. -Alternate Bid	R.L. DEPPMANN COMPANY	ROBERTS MECHANICAL
Boiler Manufacturer	Harsco Industrial Patterson-Kelley	Harsco Industrial Patterson-Kelley	Aerco International	Hydrotherm
Number of Boilers Proposed	Four (4)	Three (3)	4 (2 BMK-1500 & 2 BMK-2000)	Four
Mbh Output per Boiler Size	Two (2) @ 1,440 MBH out each	Three (3) @ 2375 MBH each	BMK-1500=1,395 BTUH & BMK-2000=1,820 BTUH	KN-16: 1,483 Mbh Output
Mbh Output per Boiler Size	Two (2) @ 1,920 MBH out each	N/A	See above line	KN-20: 1,853 Mbh Output
Fuel Rate (cfh) per Boiler Size	1,500 CFH & 2,000 CFH	2500 CFH	BMK-1500=1,500 BTUH & BMK-2000=2,000 BTUH	KN-16: 1,600,000 cfh/KN-20: 1,999,000 cfh
Ship Date from Factory	10 - 15 working days ARO	10 -15 working days ARO	10-Oct-14	5 -7 working days from release
Location of Factory (City, State)	East Stroudsburg, PA	East Stroudsburg, PA	Blauvelt, New York 10913	Boyertown, PA USA
Expected Travel Time from Factory to Shipper Highway Express (consecutive days)	1 - 2 Days	1 - 2 Days	2 - 3 Days	2 working days
Boiler(s) Model #	C-1500 & C-2000	C-2500	BMK-1500 & BMK-2000	(2) KN-16 & (2) KN-20
AHRI – Thermal Efficiency (%) per Boiler size	95.8	94.4	94.6% & 94.6% 80/180 degrees	92.7% for KN-16 & KN-20
Turn Down Ratio – per Boiler size	5:1 for all boilers	5:1 for all boilers	20:1 All units each. Total 80:1 TDR	5:1 for KN-16 & KN-20
Warranty – Parts & Labor Complete Unit (state # of years in Base Bid)	2 years parts & labor	2 years parts & labor	18 months from shipment	Two (2) years from date of factory set-up
Warranty – Heat Exchanger (state # of years and terms in Base Bid)	10 yrs heat exchanger; 10 yrs thermal shock	10 yrs heat exchanger; 10 yrs thermal shock	10 Year (Non-ProRated)	10 yrs non prorated against defects 21 yrs against thermal shock
Cost for Boiler(s) Solution per RFP Criteria (US Dollars, Less Applicable Taxes)	\$110,394.00 (includes factory training)	\$101,943.00 (includes factory training)	\$102,113.00	\$112,150.00
Freight/Applicable Carrier Charges	\$850.00	\$950.00	Included	Boiler freight included in pricing, not unloaded
Cost for Companion Pumps (\$ to match total of Boilers – not unit pricing)	\$4,850.00	\$3,915.00	\$2,484.00	\$5,015.00 net total, standard freight included, standard lead time, 18 month parts only warranty
SUBTOTAL	\$116,094.00	\$106,808.00	\$104,597.00	\$117,165.00
Extended Warranties – Offering additional pricing to extend specified warranties beyond specified terms. (Boiler OEM to complete)	None	None	BMK-1500: HX-15 yrs @ \$5,800; Parts-5 yrs @ \$3,900 ea BMK-2000: HX-15 yrs @ \$6,700; Parts-5 yrs @ \$5,700 ea	Not included
1st year thru 5th year PM program- Annual Cost (US Dollars \$)	\$3,200.00/year	\$2,400/year	\$1,000.00	\$1,950/yr total for all four boilers, includes three visits, one full combustion analysis per year, parts & repairs not included.
6th year thru 10th year PM program -Annual Cost (US Dollars \$)	\$4,000.00/year	\$3,000/year	\$1,000.00	\$2,150/yr total for all four boilers, includes three visits, one full combustion analysis per year, parts & repairs not included.
Exceptions	None	Flue size must be increased to 10" diameter in lieu of 8" diameter (existing)	None.	None.
Performance Data Sheets Completed	Yes.	Yes.	Yes.	Yes.
Bid Bond	Yes.	Yes.	Yes.	Bid Deposit
Required Bid Documents	Yes.	Yes.	Yes.	Yes.

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PHASE TWO BID TABULATION: INSTALLATION

	THE MILLER PLUMBING & HEATING CO.	NORTHEASTERN REFRIGERATION CO.
BASE BID	\$149,500.00	\$145,500.00
EXPECTED TIME FRAME (2 Boilers Engaged)	4 Work Weeks, upon receipt of boilers from owner	3 Work Weeks
EXPECTED TIME FRAME (4 Boilers Engaged)	6 Work Weeks, upon receipt of boilers from owner	2 Work Weeks
Optional Pricing: (added to Base Bid)		
F&I Combustion Make-Up Air Fan Assembly, Per Design Drawings & Specifications	\$8,000.00	\$6,200.00
F&I Kitchen Potable Water Booster Heater, Per Design Drawings & Specifications	\$12,900.00	\$22,600.00
F&I Upgrade to Resident Trane Summit System for Human Services Center Only, Per Design Drawings & Specifications	\$6,600.00	\$6,000.00
Proposed Accelerated Schedule to Complete the Requested Services	No Bid	2 Weeks to include removing combustion air duct to allow for new boiler piping and to include a second shift labor.
Added Cost for Proposed Accelerated Schedule	No Bid	\$3,350.00
Project Number of Work Weeks to Accomplish Accelerated Schedule	No Bid	2 Weeks
Exceptions	None.	Combustion fan alternate VfD excluded. Proposed fan uses vari green motor with a room pressure control.
Bid Bond	Yes.	Yes.
Required Bid Documents Included	Yes.	No.

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Bid Opening: Friday, September 12, 2014
10:00 a.m.

Rejected Bids:

Gardiner Trane

Sealed bid arrived at 10:05 a.m.

Campbell Equipment

Bid was not delivered in a sealed envelope

Bid did not include a Bid Bond