

City of Fenton

301 South Leroy Street • Fenton, Michigan 48430-2196 • (810) 629-2261 • FAX (810) 629-2004

CITY OF FENTON SPECIAL MEETING COUNCIL AGENDA

Thursday, October 26, 2017

City Hall Conference Room

301 South LeRoy Street

5:30 PM

Call to Order.

Roll Call.

CITIZEN'S COMMENTS: IF YOU WISH TO ADDRESS ANY AGENDA ITEMS, PLEASE IDENTIFY YOURSELF AND YOU WILL BE CALLED ON WHEN THAT ITEM IS REACHED. COMMENTS ON ITEMS NOT ON THE AGENDA MAY BE MADE AT THE CALL TO THE AUDIENCE.

BUSINESS:

REPLACE FURNACE AT POLICE DEPARTMENT – Administration recommends the Fenton City Council approve the purchase of a rooftop furnace unit from Dee Cramer as outlined in their quote dated October 20, 2017 in the amount of \$6,514.00.

CALL TO AUDIENCE

ADJOURNMENT

IF ACCOMMODATIONS ARE NEEDED DUE TO A DISABILITY, PLEASE CONTACT THE CITY CLERK'S OFFICE.



Memorandum

DATE: October 24, 2018

TO: Lynn Markland, City Manager

FROM: Jason R Slater, Chief of Police

RE: Jail Furnace / Air Conditioner

During a routine fall inspection of the heating and air conditioning systems at the police department, a critical issue surfaced involving the furnace for the jail holding cell area. Several cracks (splits) were noted in the tubing on the heat exchanger in the rooftop jail furnace rendering the unit unsafe to operate. According to, Dee Cramer Heating and Cooling, the furnace should be taken out of service until it is repaired (replacement of the heat exchanger) or replaced.

I have since taken this unit offline out of fears of inducing carbon monoxide into the building rendering our jail essentially closed, no longer able to house prisoners due to falling temperatures.

The existing rooftop unit, a 2002 vintage, has a life expectancy of 15 years according to the national ASHRAE (American Society of Heating, Refrigeration and Air Conditioning Engineers) standards.

I have obtained estimates from three reputable companies noting the costs to repair as well as to replace the defective unit. The best quote received to repair the heat exchanger was from Goyette Mechanical for \$1363.00. I feel that since this unit is the end of life spending thirteen hundred would not be the best choice in the long run.

Quotes to replace the furnace are as follows:

Dee Cramer:

Remove and replace current Trane, 3 ton, YCD 036, with a new Trane Y series 3 ton packaged gas/electric rooftop unit that is 81% efficient with a 14 seer rating.

Warranty: One-year workmanship, 5-years parts, 5-year compressor and 5-year heat exchanger. Total Cost \$6514.00.

Goyette Mechanical:

Remove and replace current Trane, 3 ton, YCD 036, with a new Trane 4YCC4036 gas/electric packaged rooftop with 3 tons of cooling and 90,000 BTU's of heating. This unit also has an efficiency rating of 81% (standard for rooftop units) with a 14 seer.

Warranty: 10-year heat exchanger, 5-year compressor and 1-year parts and labor.

Total cost \$7200.00

First Choice Heating & Cooling:

Remove and replace current Trane, 3 ton, YCD 036, with a new Bryant packaged gas/electric rooftop unit that is 78% efficient with a 10 seer rating.

Warranty: 10-year heat exchanger, 5-years compressor and compressor plug, 1-year all other parts and 1-year labor.

Total Cost: \$6233.00

Based on the three quotes listed I recommend purchasing the unit from Dee Cramer as their quote provides for a heating and cooling system that is more efficient compared to the one quoted from First Choice Heating & Cooling. The utility cost savings spread over the lifetime of the unit will exceed the \$281.00 cost difference currently noted. Goyette Mechanical was not considered due to the drastic price difference quoted for a comparable unit.



DEE CRAMER

HEATING COOLING SHEET METAL

October 20, 2017

Fenton City Police Department
311 S Leroy St,
Fenton, MI 48430
Attn: Chief Slater

Dee Cramer is pleased to propose the following three (3) rooftop replacements.

Replace old Trane 3 ton YCD packaged rooftop, servicing the cell area.

Installation includes the following:

- Removal and disposal including refrigerant recovery of old Trane 3 ton YCD 036 unit.
- One new (1) Trane Y series 3 ton packaged gas electric rooftop unit. 81% efficient 14 seer
- One (1) economizer
- One (1) Fabricated, insulated steel roof curb adapter or rails if needed.
- Misc. duct fittings for proper installation.
- Gas piping
- Condensate drain
- Reconnect to existing electrical disconnect.
- Crane Rental
- Material handling
- Field and supervision labor
- Permit
- One year workmanship, five year parts, 5 year compressor and 5 year heat exchanger warranty

3 ton Trane price \$6,514.00 ___ Accept

We at Dee Cramer appreciate your business, and stand ready to quickly and efficiently take care of the above recommendation upon your approval.

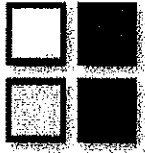
Respectfully Submitted,
Kevin Carlile
Account Manager
Dee Cramer

Approved By

Date

4221 EAST BALDWIN ROAD, HOLLY, MI 48442, PH 810-579-5000, FAX 810-579-2666

All work to be completed in substantial workmanlike manner according to specifications submitted, per standard practices. No additional or extra work will be done unless agreed in writing. Payment for the work is due Net 30 days after invoice unless otherwise stated above. A finance charge of 1 ½ % per month will be charged on the balance after 30 days from invoice date. The annual percentage rate is 18%. Customer agrees to pay all costs of collection, including attorney fees. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado & other necessary insurance. The company shall not be responsible for any damages incurred due to inability of the building structure to properly support the installed equipment, or for expenses incurred by removing, replacing or refinishing part of the building structure necessary for the performance of any service or installation, unless otherwise stated in this proposal. Customer shall be in compliance with the Michigan Mechanical Code, specifically Sect. 306.5 and shall indemnify and hold the company harmless from any & all expenses, including attorney fees, for failure to comply.



GOYETTE MECHANICAL

3842 GOREY AVE P.O. BOX 33
FLINT, MI.48501
PHONE: (810)742-8530
FAX: (810)742-3661

PROPOSAL

Date: 10/23/2017

To: Fenton Police Department
311 S Leroy St.
Fenton, MI 48430

Re: 3 ton Rooftop Replacement

Attn: Jason Slater

In reference to the above-mentioned project, our price includes all supervision, labor, and tools required for a complete scope.

- Demo and dispose of existing Trane 3 ton rooftop, including the proper removal of all R-22 refrigerants as per EPA regulations.
- Provide and install a Trane 4YCC4036 gas/electric packaged rooftop with 3 tons of cooling and 90,000 BTU's of heating.
- Provide and install a manual outside air hood to provide code required ventilation.
- Fabricate and install all necessary sheet metal to connect new rooftop to existing ducts. All new duct will be internally lined and weather sealed.
- Reconnect existing gas piping and provide new as needed. All new gas piping will be painted to limit rust corrosion.
- Provide and install new service disconnect and reconnect existing wire.
- Reconnect existing low voltage controls.
- Complete system start-up to verify proper operation.
- Provide crane and operator to perform all lifts.
- All applicable permits.
- 10 year heat exchanger, 5 year compressor and 1 year parts & labor warranties.

Total Investment.....\$7,200.00

- Substitute outside air hood with an economizer to provide better ventilation control and free cooling when weather permits.....Add \$570.00

Our price will not include the following:

- Any additional work not mentioned above.
- Scheduled Overtime.

PAYMENT TERMS: NET 30 DAYS

CONDITIONS: All material is guaranteed to be as specified. All work is to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements are contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance.

This proposal may be withdraw by us
if not accepted within 60 days.
Respectfully submitted,

ACCEPTED. The above prices, specifications and conditions are Satisfactory and are accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

GOYETTE MECHANICAL CO., INC.

Date of Acceptance _____

BY: _____

BY: *Dan McGeary*

Sales Engineer
dmcgeary@goyettemechanical.com
810-742-8530 X-357

If your home had a voice, it would call...



1020 Silver Lake Rd
 Fenton, MI 48430
 Flint: 810-235-8100
 Fenton: 810-750-8100
 Fax: 810-750-7779
 www.firstchoiceheat.com

Proposal

PROPOSAL SUBMITTED TO City of Fenton Police Department		DATE Revised 10/24/2017	JOB NAME Jail/Holding Rooftop HVAC Unit
STREET 311 S. Leroy St		LOCATION	
CITY, STATE, AND ZIP CODE Fenton, MI 48430		CITY, STATE, AND ZIP CODE	JOB PHONE
PHONE 810-629-5311	FAX/EMAIL siateri@fentonpolice.org	COUNTY	TOWNSHIP/CITY City of Fenton

Option 1: Provide and install new heat exchanger for existing rooftop HVAC unit, including check and test

\$ 1,872.17

Option 2: Provide and install new 3 ton 10 SEER, 90,000 btu, 78% efficient Bryant rooftop HVAC unit to replace existing including ductwork, gas pipe, electrical, thermostat, removal and disposal of old unit

\$ 6,233.00

Notes: A roof edge guard-rail may be required by the inspector. This is not included
 Permit, if required, is not included

Warranty: 10 years heat exchanger, 5 years compressor and compressor plug, 1 year all other parts, 1 year labor

50% deposit to start, balance due upon completion.

A FINANCE CHARGE OF 1.5% WILL BE CHARGED ON THE UNPAID BALANCE AFTER 30 DAYS FROM THE INVOICE DATE, PLUS ACTUAL COSTS, INCLUDING ACTUAL COSTS OF COLLECTION. All work is guaranteed to be as specified, and completed in a workman-like manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents, or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance. Our workers are fully covered by Workman's Compensation insurance.

Authorized
Signature

Jack Regis

Note: This proposal may be withdrawn by us if not accepted within 30 days

Acceptance of Proposal

The above prices, specifications, and conditions are satisfactory and hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature _____

Date of acceptance _____ Signature _____