



MEMO

To Mayor and City Council
 From Robin Bowman, Public Works Superintendent
 Date January 24, 2017
 Re City Hall Furnace Replacement

The City Council approved \$5,246 for a new city hall furnace in the 2017 City Hall/ Public Works Facility CIP. With this project, removal and disposal of the current furnace and new sheet metal work for vents to hook the new furnace to the existing system are included.

Staff contacted three vendors and received a total of 10 quotes. All furnaces are 100,000 BTU to match the old furnace and are 95% or more efficient.

<u>Company</u>	<u>Cost</u>
Able Heating & Cooling 95% 1 stage 110,000 BTU	\$4,641.00
5% Non-profit Discount	-\$232.00
CenterPoint Rebate	-\$300.00
	Total \$4,109.00
Able Heating & Cooling 96% 2 stage 110,000 BTU	\$4,888.00
5% Non-profit Discount	-\$245.00
CenterPoint Rebate	-\$400.00
	Total \$4,243.00
Able Heating & Cooling 95% 1 stage 100,000 BTU	\$4,317.00
5% Non-profit Discount	-\$216.00
CenterPoint Rebate	-\$300.00
	Total \$3,801.00
Able Heating & Cooling 96% 2 stage 100,000 BTU	\$5,254.00
5% Non-profit Discount	-\$263.00
CenterPoint Rebate	-\$400.00
	Total \$4,591.00
Avid Heating & Cooling Inc. Trane S9V2 96% Efficient 2 stage variable speed ECM blower motor with TCONT600 programmable thermostat 100,000 BTU	\$4,896.00
Check discount	-\$200.00
Xcel Energy Rebate	-\$100.00



ITEM NO. 9B

CenterPoint Rebate	-\$425.00
	Total \$4,171.00

Avid Heating & Cooling Inc. Trane XR95 1 stage 95% Efficient with TCONT600 programmable thermostat 100,000 BTU	\$3,889.00
Tax credit maybe?	\$150.00
CenterPoint Rebate	-\$325.00
	Total \$3,414.00

In the description they have \$3,264.00 Total after rebates
Option New Trane humidifier add \$450

Peak Heating & cooling INC. Carrier Infinity 96. 96% Efficient 2 stage burners variable speed blower w/wifi remote access 100,000 BTU	\$5,632.00
CenterPoint Rebate	-\$400.00
	Total
\$5,232.00	

Peak Heating & cooling INC. Carrier Performance 96. 96% Efficient 2 stage burners w/Honeywell PRO4000 programmable thermostat 100,000 BTU	\$4,627.00
CenterPoint Rebate	-\$400.00
	Total \$4,227.00

Peak Heating & cooling INC. Carrier Comfort 95. 95% Efficient 1 stage burner w/ Honeywell PRO4000 programmable thermostat 100,000 BTU	\$3,999.00
CenterPoint Rebate	-\$300.00
	Total \$3,699.00

Upgrade 1 Honeywell F100 Whole-house Media Air Cleaner add \$200.00

Attachments

- Quote from Able Heating & Cooling
- Quote from Avid Heating & Cooling Inc.
- Quote from Peak Heating & cooling INC

Council Action Requested

Motion to approve the quote from Avid Heating & Cooling Inc. for a Trane S9V2 96% Efficient 2 stage variable speed ECM blower motor with TCONT600 programmable thermostat 100,000 BTU in the amount of \$4,171.00 after rebates for the replacement of the City Hall furnace.

Quote from Able Heating & Cooling

January 10, 2017

Robin Bowman
City of Tonka Bay
4901 Manitou Road
Tonka Bay MN 55331



Dear Robin,

Thank you for the opportunity to present this proposal for replacement of your existing furnace. Please review our proposal and feel free to call with any questions. I am proposing 2 different efficiency furnaces. Option 1 is for Lennox Elite 195 Series and Option 2 is for a Lennox Elite 296 Series. Our proposal includes the following:

Option 1 Lennox Elite 195 Series furnace.

- Removal and proper disposal of existing equipment.
- Provide and install Lennox EL195UH110XE60C 110,000 Btu, 95% AFUE, 1 stage heat, 1 stage speed.
- Provide and install new air filter assembly.
- Provide and install new thermostat.
- provide and install new PVC venting.
- Reconnect return drop.
- Reset supply plenum adaptor.
- Reconnect gas line.
- Reconnect electrical.

Cost of above project including labor, material, sales tax, complete start up and check out of new system:

FOUR THOUSAND SIX HUNDRED FORTY-ONE DOLLARS & 00/100	\$4,641.00
5% Non-profit Discount	-\$232.00
CenterPoint rebate (to be paid directly to client from utility company)	-\$300.00
Net Total	\$4,109.00

Option 1 Lennox Elite 296 Series furnace.

- Removal and proper disposal of existing equipment.
- Provide and install Lennox EL296UH110XV60C 110,000 Btu, 96% AFUE, 2 stage heat, variable stage speed.
- Provide and install new air filter assembly.
- Provide and install new thermostat.
- Provide and install new PVC venting.
- Reconnect return drop.
- Reset supply plenum adaptor.
- Reconnect gas line.
- Reconnect electrical.

Cost of above project including labor, material, sales tax, complete start up and check out of new system:

FOUR THOUSAND EIGHT HUNDRED EIGHTY-EIGHT DOLLARS & 00/100	\$4,888.00
5% Non-profit Discount	-\$245.00
CenterPoint rebate (to be paid directly to client from utility company)	-\$400.00
Net Total	\$4,243.00

- Exclusions: 1. High Voltage Electric**
2. Owner shall provide Carbon Monoxide detectors as required by code.

Warranty:	Per Manufacture
Parts Warranty:	10 Years
Labor warranty:	1 Year

Sincerely,

Joe Swanson

Acceptance: _____ Date: _____



January 10, 2017

Robin Bowman
City of Tonka Bay
4901 Manitou Road
Tonka Bay MN 55331



Dear Robin,

Thank you for the opportunity to present this proposal for replacement of your existing furnace. Please review our proposal and feel free to call with any questions. I am proposing 2 different size efficiency furnaces. Option 1 is for Carrier Comfort Series and Option 2 is for a Carrier Performance Series. Our proposal includes the following:

Option 1 Carrier Comfort Series furnace.

- Removal and proper disposal of existing equipment.
- Provide and install Carrier Comfort 59SC5A10021-14 100,000 Btu, 95% AFUE, 1 stage heat, 1 stage speed.
- Provide and install new air filter assembly.
- Provide and install new thermostat.
- provide and install new PVC venting.
- Reconnect return drop.
- Reset supply plenum adaptor.
- Reconnect gas line.
- Reconnect electrical.

Cost of above project including labor, material, sales tax, complete start up and check out of new system:

FOUR THOUSAND THREE HUNDRED SEVEN-TEEN DOLLARS & 00/100-----	\$4,317.00
5% Non-profit Discount-----	-\$216.00
CenterPoint rebate (to be paid directly to client from utility company) -----	-\$300.00
Net Total	\$3,801.00

Option 1 Carrier Performance Series furnace.

- Removal and proper disposal of existing equipment.
- Provide and install Carrier Performance 59TP6A100E21-20 100,000 Btu, 96% AFUE, 2 stage heat, variable stage speed.
- Provide and install new air filter assembly.
- Provide and install new thermostat.
- Provide and install new PVC venting.
- Reconnect return drop.
- Reset supply plenum adaptor.
- Reconnect gas line.
- Reconnect electrical.

Cost of above project including labor, material, sales tax, complete start up and check out of new system:

FIVE THOUSAND TWO HUNDRED FIFTY-FOUR DOLLARS & 00/100-----	\$5,254.00
5% Non-profit Discount-----	-\$263.00
CenterPoint rebate (to be paid directly to client from utility company) -----	-\$400.00
Net Total	\$4,591.00

- Exclusions:**
1. High Voltage Electric
 2. Owner shall provide Carbon Monoxide detectors as required by code.

Warranty:	Per Manufacture
Parts Warranty:	10 Years
Labor warranty:	1 Year

Sincerely,

 Joe Swanson

Acceptance: _____ Date: _____



Quote from Avid Heating & Cooling Inc.

Avid Heating and Cooling Inc.

7700 County Road 110 West
 Minnetrista, MN 55364

Phone # 952-446-9975 avidheatingandcooling@yahoo.com

Estimate

Date	Estimate #
1/9/2017	687

Name / Address
City of Tonka Bay Robin Bowman 4901 Manitou Rd. Tonka Bay, MN 55331

		Project
Description	Total	
Option 2, Better Furnish and install Trane S9V2 two stage variable speed ECM blower motor 96% efficient furnace. New plenum transition, gas piping, electrical, and venting as needed. Trane TCONT600 programmable thermostat. Check discount (or use credit card or qualify for 0% for 12 months if paid in full or special rate of 9.9%) 10 year parts and 5 year labor warranty, 20 year/Life heat exchanger Permit to be determined ?	4,896.00	
	-200.00	
	0.00	
Avid gives a \$500 package discount if you do the air conditioner at the same time, let us know if you would like more quotes. Xcel Energy mail in rebate for furnace \$100 Centerpoint mail in rebate for furnace \$425 *****After rebates and tax credit your total investment is \$4,171***** Free upgrade to 20x25x4 filter system, new return duct and plenum. Option: new Trane humidifier add \$450 Avid is a Trane Comfort Specialist (the highest level Trane dealer based on quality, customer satisfaction and expertise) We will haul away old equipment 100% customer satisfaction guarantee A+ rating with BBB NATE certified Avid Heating and Cooling promises to keep your house clean, work in a professional manner and treat your house like our own. We use the highest quality materials and workmanship to complete your installation giving you the highest quality installation possible and the best value. Local family owned and operated business. Thank you for the opportunity.		



		Project
Description	Total	
Customer Acceptance X _____		
Avid Acceptance X _____		
Down Payment \$		
Amount due at completion \$		
Scheduled Install Date:		
	\$4,696.00	



Avid Heating and Cooling Inc.

7700 County Road 110 West
 Minnetrista, MN 55364

Phone # 952-446-9975 avidheatingandcooling@yahoo.com

Estimate

Date	Estimate #
1/5/2017	678

Name / Address
City of Tonka Bay Robin Bowman 4901 Manitou Rd. Tonka Bay, MN 55331

		Project
Description	Total	
Option 1, Good		
Furnish and install Trane XR95 single stage 95% efficient furnace. New plenum transition, gas piping, electrical, and venting as needed. Trane TCONT800 programmable thermostat.		3,889.00
Check discount (or use credit card or qualify for 0% for 12 months if paid in full or special rate of 9.9%)		-150.00
10 year parts and 5 year labor warranty, 20 year/Life heat exchanger		
Permit to be determined ?		0.00
Avid gives a \$500 package discount if you do the air conditioner at the same time, let us know if you would like more quotes.		
Centerpoint mail in rebate for furnace \$325		
Tax credit eligible \$150 for furnace (2016 not sure on 2017)		
*****After rebates and tax credit your total investment is \$3,264*****		
Free upgrade to 20x25x4 filter system, new return duct and plenum.		
Option: new Trane humidifier add \$450		
Avid is a Trane Comfort Specialist (the highest level Trane dealer based on quality, customer satisfaction and expertise)		
We will haul away old equipment		
100% customer satisfaction guarantee		
A+ rating with BBB		
NATE certified		
Avid Heating and Cooling promises to keep your house clean, work in a professional manner and treat your house like our own.		
We use the highest quality materials and workmanship to complete your installation giving you the highest quality installation possible and the best value.		
Local family owned and operated business.		
Thank you for the opportunity.		

Proposal from Peak Heating & Cooling Inc.



Proposed by: Jesse Kroells
 7801 Park Drive Suite B
 Chanhassen, MN 55317
 Tel : (952) 401 1195
jesse@peakheatingandcooling.com
peakheatingandcooling.com

TONKA BAY
 4901 MANITOU
 ROAD
 TONKA BAY, MN
 55331
 Tel : (952) 474 2947



Install Address: 4901 MANITOU
 ROAD, TONKA BAY, MN 55331



INFINITY 98
 YOUR INVESTMENT:
\$5,889

Carrier FURNACE MODEL:
 59MN7A100V21-22
 100,000 BTU'S AT 97% AFUE
 FULL MODULATING BURNERS
 VARIABLE SPEED BLOWER
 INFINITY COMMUNICATION
 ENERGY STAR® "MOST
 EFFICIENT"
 WARRANTY:LIFETIME HEAT
 EXCHANGER, 10 YEAR PARTS W/ REG,
 1 YEAR LABOR (Carrier Factory
 Authorized dealer 100% satisfaction
 guarantee) [To View a current brochure -
 CLICK THIS LINK!](#)

Other Incentives:
 • CENTERPOINT REBATE
 (\$400.00)
Net Investment: \$5,489

SPECIAL INCLUSIONS:
[CARRIER INFINITY TOUCH
 CONTROL THERMOSTAT](#)
[WIFI ENABLED \(REMOTE
 ACCESS\)](#)



INFINITY 96
 YOUR INVESTMENT:
\$5,632

Carrier FURNACE MODEL:
 59TN6A100V21-22
 100,000 BTU'S AT 96% AFUE
 TWO STAGE BURNERS
 VARIABLE SPEED BLOWER
 INFINITY COMMUNICATION
 ENERGY STAR®
 WARRANTY:LIFETIME HEAT
 EXCHANGER, 10 YEAR PARTS W/ REG,
 1 YEAR LABOR (Carrier Factory
 Authorized dealer 100% satisfaction
 guarantee) [To View a current brochure -
 CLICK THIS LINK!](#)

Other Incentives:
 • CENTERPOINT REBATE
 (\$400.00)
Net Investment: \$5,232

SPECIAL INCLUSIONS:
[CARRIER INFINITY TOUCH
 CONTROL THERMOSTAT](#)
[WIFI ENABLED \(REMOTE
 ACCESS\)](#)



PERFORMANCE 96
 YOUR INVESTMENT:
\$4,627

Carrier FURNACE MODEL:
 59TP6A100E21-20
 100,000 BTU'S AT 96% AFUE
 TWO STAGE BURNERS
 VARIABLE SPEED BLOWER
 ENERGY STAR®
 WARRANTY:LIFETIME HEAT
 EXCHANGER, 10 YEAR PARTS W/ REG,
 1 YEAR LABOR (Carrier Factory
 Authorized dealer 100% satisfaction
 guarantee) [To View a current brochure -
 CLICK THIS LINK!](#)

Other Incentives:
 • CENTERPOINT REBATE
 (\$400.00)
Net Investment: \$4,227

SPECIAL INCLUSIONS:
[HONEYWELL PRO4000
 PROGRAMMABLE
 THERMOSTAT](#)



COMFORT 95
 YOUR INVESTMENT:
\$3,999

Carrier FURNACE MODEL:
 59SC5A100S21-14
 100,000 BTU'S AT 95% AFUE
 SINGLE STAGE BURNERS
 STANDARD BLOWER
 WARRANTY:LIFETIME HEAT
 EXCHANGER, 10 YEAR PARTS W/ REG,
 1 YEAR LABOR (Carrier Factory
 Authorized dealer 100% satisfaction
 guarantee) [To View a current brochure -
 CLICK THIS LINK!](#)

Other Incentives:
 • CENTERPOINT REBATE
 (\$300.00)
Net Investment: \$3,699

SPECIAL INCLUSIONS:
[HONEYWELL PRO4000
 PROGRAMMABLE
 THERMOSTAT](#)



INCLUDED SERVICES:

- REMOVE and DISPOSE of EXISTING EQUIPMENT
- RECONNECT TO EXISTING DUCT WORK
- INCLUDES ALL SALES TAX
- EXPLAIN SYSTEM OPERATION
- RECONNECT TO EXISTING ELECTRICAL
- ADD PVC VENTING REQUIRED FOR ALL HIGH EFFICIENCY FURNACES
- REPLACE DRAIN

[Why use Peak Heating and Cooling- CLICK THIS LINK!](#)

Payment to be made as follows: Full balance due on installation day **(If you wish to use one of our financing options, please inform our sales team ahead of job start)**

TERMS & CONDITIONS OF AGREEMENT

1. Purchaser hereby accepts the equipment and services described above and agrees to pay Peak Heating and Cooling the price shown above.
2. All equipment and material are guaranteed by Peak Heating and Cooling to be as specified. All work will be completed in a workmanlike manner according to normally accepted practices.
3. Materials and work in addition to that described herein will be furnished only on Purchaser's authorization and will be paid by Purchaser as an extra charge.
4. Upon failure to pay any sums due hereunder, Purchaser agrees to pay Peak Heating and Cooling interest at the rate of one and one half percent (1½%) per month (annual rate of 18%) on all outstanding balances.
5. Peak Heating and Cooling shall not be liable for any default caused by events beyond its control, including but not limited to, fire, flood, strikes, accidents, or delays affecting this work or other operations in which it is involved, directly or indirectly.
6. Purchaser shall permit Peak Heating and Cooling reasonable access to the property on which equipment is to be installed. Title to all provided equipment remains with Peak Heating and Cooling until all amounts due thereon are paid in full, whether such equipment is affixed to the realty or not, and shall remain personal property and be deemed sever-able without injury to the freehold. On any payment default by Purchaser, or if in Peak Heating and Cooling's judgment, reasonably exercised, its equity appears to be imperiled, then, Peak Heating and Cooling may without further notice enter the premises and remove or resell the equipment, and Purchaser shall be liable for any deficiency or loss sustained by Peak Heating and Cooling in connection therewith.
7. Once equipment is connected at Purchaser's property, Purchaser assumes all risk of loss or damage to such equipment and shall insure same fully to protect all interests of Peak Heating and Cooling, cost of insurance to be paid by Purchaser. Peak Heating and Cooling carries liability insurance and Worker's Compensation Insurance.
8. Peak Heating and Cooling provides a one-year limited labor warranty. Equipment or system failure due to lack of proper maintenance service or abuse is expressly excluded. Normal maintenance check-ups and filter replacements are the responsibility of Purchaser. All other warranties, expressed or implied, are the responsibility of the manufacturer of the equipment, parts, or materials used in connection with the services.
9. There are no warranties, expressed or implied, for existing equipment, ductwork, or other materials not installed by Peak Heating and Cooling.
10. All warranty work will be performed during Peak Heating and Cooling's normal working hours, 8:00AM to 5:00PM, Monday through Friday.
11. Purchaser is responsible for all costs and reasonable attorney fees incurred by Peak Heating and Cooling in connection with any action or proceeding (including arbitration and appeals) arising out of this agreement, including collection of any outstanding amounts due, whether or not suit is filed.
12. Except as provided herein Peak Heating and Cooling makes no other representations or warranties, either express or implied, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose Peak Heating and Cooling expressly disclaims all other warranties. Peak Heating and Cooling's maximum liability hereunder shall consist of refunding all moneys paid to it by Purchaser hereunder subject to removal and return to Peak Heating and Cooling of all equipment provided hereunder. Under no circumstances will Peak Heating and Cooling be liable to Purchaser or any other person for any damages, including, without limitation, any indirect, incidental, special, or consequential damages, expenses, cost, profits, lost savings or earnings, lost or corrupted data, or other liability arising out of or related to this agreement, or the services or equipment provided hereunder.
13. Any person or company supplying labor or materials for this improvement to your property may file a lien against your property if that person or company is not paid for the contributions. Under Minnesota law, you have the right to pay persons who supplied labor or materials for this improvement directly and deduct this amount from our contract price, or withhold the amounts due from us until 120 days after completion of the improvement unless we give you a lien waiver signed by persons who supplied any labor or materials for the improvement and who gave you timely notice.
14. This agreement is the complete and exclusive statement of the agreement between Purchaser and Peak Heating and Cooling and it supersedes all prior oral and written proposals and any prior or subsequent communications pertaining to the subject matter hereof.

Peak Heating and Cooling proposes hereby to furnish and install the equipment and materials as described above on the terms and conditions provided herein. This proposal is good for thirty (30) days from the date hereof, but may be accepted at any later date at the sole discretion of Peak Heating and Cooling.

CARRIER HIGH EFFICIENCY FURNACE ONLY • Date Created: 01-04-2017

AVAILABLE UPGRADES & OPTIONS



✓ UPGRADE 1 (APPROVED and Included in Price) Customer Initials _____
\$200.00

Available for: INFINITY 98, INFINITY 96, PERFORMANCE 96, COMFORT 95

Honeywell F100 Whole-House Media Air Cleaner

When installed into your home's heating and cooling system, this system traps and filters airborne particles and contaminants passing through your duct system. This media air cleaner is up to 85% more efficient than a standard 1" furnace filter with out slowing down the airflow that is needed to keep your system efficient.



Proposal Approval Section

Quality Levels

INFINITY 98 INFINITY 96 PERFORMANCE 96 COMFORT 95

Print your name

Draw your signature

Clear

I accept the terms of this agreement.