



## MEMORANDUM

To: David Dyess, City Manger

From: Alaina Knofla, Procurement Specialist

Date: March 16, 2020

Subject: Renewal of ITB #2018-107, HVAC Replacement Services

The initial year of ITB #2018-107: Contract for HVAC Replacement Services expires on May 8, 2020. This agreement has provisions for renewals for two (2) one (1) year renewal options; this would constitute the second and final renewal option. There are two contractors for this service: Thermal Concepts and Florida Mechanical, both contractors have agreed to the renewal under the original terms, condition, pricing and specifications. Thereby, the Public Works Deputy Director Milton Leggett recommends approval of the first year renewal.

If approved, this renewal will be effective for the period May 9, 2020 through May 8, 2021. If you have any questions, or if I might be of further assistance please contact me at ext. 5320 or contact me by email [purchasing@ci.stuart.fl.us](mailto:purchasing@ci.stuart.fl.us).

- Approve renewal of 2018-107: HVAC Replacement Services
- Recommended this ITB not be renewed

David Dyess, City Manager

3-23-2020

Date



# City of Stuart

Procurement & Contracting Services  
121 SW Flagler Ave. Stuart Fl. 34994  
Phone: 772.288.5306

March 12, 2020

Thermal Concepts, Inc.  
Attn: Mr. Allen David Irvine  
2497 SE Dixie Hwy  
Stuart, Florida 34997

Subject: Renewal for ITB #2018-107: HVAC Replacement Services

Dear Mr. Irvine,

This is official notification to your firm that the City of Stuart wishes to extend your current contract for HVAC Replacement Services for the period beginning May 9, 2020 and ending on May 8, 2021, which represents the second and final of two (one year) renewal options. This extension is granted under the same terms, conditions, and pricing as the original contract.

Please complete the bottom portion of this letter. Your response must be received **no later than 4:00 p.m., March 20, 2020**. You may fax your response to (772) 600-0134 or send by email to [purchasing@ci.stuart.fl.us](mailto:purchasing@ci.stuart.fl.us). Thank you for your cooperation and immediate attention to this matter. Please contact me at (772) 288-5320, if you should have any questions.

Best Regards,

Alaina Knofla  
Procurement Analyst

cc: ITB File

I hereby attest, by signature, to Florida Statutes (F.S.) 287.135-Scrutinized Companies that Boycott Israel list, F.S. 215.4725-Engaging in commerce with Cuba or Syria, and F.S. 215.473-Scrutinized Companies with activities in the Iran Petroleum Energy Sector List; and agree to the contract renewal as specified of the subject Agreement.

I am unable to agree to the contract renewal as specified of the subject Agreement

Allen D. Irvine  
(Signature)

March 13, 2020

Date

Allen D. Irvine

Printed Name

Chief Operating Officer

Title



## MEMORANDUM

To: David Dyess, City Manger

From: Alaina Knofla, Procurement Specialist

Date: March 21, 2019

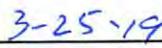
Subject: Renewal of ITB #2018-107, HVAC Replacement Services

The initial year of ITB #2018-107: Contract for HVAC Replacement Services expires on May 6, 2019. This agreement has provisions for renewals for two (2) one (1) year renewal options; this would constitute the first renewal option. There are two contractors for this service: Thermal Concepts and Florida Mechanical, both contractors have agreed to the renewal under the original terms, condition, pricing and specifications. Thereby, the Public Works Deputy Director Milton Leggett recommends approval of the first year renewal.

If approved, this renewal will be effective for the period May 9, 2019 through May 8, 2020. If you have any questions, or if I might be of further assistance please contact me at ext. 5320 or contact me by email [purchasing@ci.stuart.fl.us](mailto:purchasing@ci.stuart.fl.us).

- Approve renewal of 2018-107: HVAC Replacement Services
- Recommended this ITB not be renewed

  
\_\_\_\_\_  
David Dyess, City Manager

  
\_\_\_\_\_  
Date



# City of Stuart

121 SW Flagler Avenue • Stuart • Florida 34994  
Department of Financial Services  
Procurement and Contracting Services Division

Lenora Darden, CPPB  
Procurement Manager  
[purchasing@ci.stuart.fl.us](mailto:purchasing@ci.stuart.fl.us)

Telephone (772) 288-5320  
Fax: (772) 600-0134

May 14, 2018

**Via:** Email transmission, [airvine@thermalconcepts.com](mailto:airvine@thermalconcepts.com)

Thermal Concepts, Inc.  
Attn: Allen D. Irvine, Regional Vice President  
2497 SE Dixie Highway  
Stuart, FL 34997

Subject: Notice of Award  
ITB No. 2018-107, HVAC Replacement Services

Dear Mr. Irvine:

The Stuart City Manager awarded ITB No. 2018-107, HVAC Replacement Services, to your firm on May 8, 2018, as the primary contractor for these services. Please consider this your formal notice of award.

Notice of award by the City of Stuart will constitute acceptance of your Bid. The purchase order, including this bid package with all terms, conditions and specifications, signed by the Contractor along with the documentation included in your submittal, as required by this Invitation to Bid, and other additional materials offered by the bidder and accepted by the City shall constitute the contract. After notice of award, a valid certificate of insurance must be issued to the City within 10 days (May 24, 2018) as listed below:

A "Certificate of Insurance" which reflects all types and levels of coverage as noted in the Invitation for Bid. The insurance certificate must also have printed in the "Remarks" box, words to the effect: **"The City of Stuart is an additional insured"**. The City requests that the insurance certificate lists the **project number and the project name**, ITB No. 2018-107 HVAC Replacement Services.

Individual orders for services will be placed by the Building Maintenance Department throughout the contract period by the City Project Manager, John LaPadula, Building Maintenance Coordinator, at (772) 260-3192 or by email at [jlpadula@ci.stuart.fl.us](mailto:jlpadula@ci.stuart.fl.us).

Approval of notice to proceed by the City Project Manager shall be the purchase order. Invoices must be submitted against each individual purchase order release accompanied with estimate. Invoices must reference Purchase Order.

The Primary Contractor will be used in every instance of ordering products/services as long as firm is capable of delivering the services/product/material within three (3) days of issuance of Purchase Order, and to prosecute the work uninterrupted in such a manner, with sufficient labor, equipment and/or materials so as to insure its completion of an operational unit for City use within two (2) days. If the Primary Contractor is not able to deliver the product and services within the specified time, the City reserves the right to contact the secondary Contractor accordingly.

The initial contract period will be for one year, effective May 8, 2018 through May 7, 2019, with two one-year renewal options. The City reserves the right to exercise the option to renew annually, if mutually agreed upon in writing by both parties subject to the same terms and conditions of the original agreement. Annual renewals shall be subject to the appropriation of funds, vendor's satisfactory performance and determination that the contract renewal is in the best interest of the City.

The City of Stuart looks forward to a mutually beneficial business relationship. If you have any questions, please feel free to contact me by email at [purchasing@ci.stuart.fl.us](mailto:purchasing@ci.stuart.fl.us) or call me at (772) 288-5320.

Sincerely yours,

A handwritten signature in black ink, appearing to read "L. Darden". The signature is fluid and cursive, with a large loop at the end.

Lenora Darden  
Procurement and Contracting Services Manager

cc: Milton Leggett, Deputy Public Works Director  
John LaPadula, Building Maintenance Coordinator  
2018-107 ITB File



# City of Stuart

121 SW Flagler Avenue • Stuart • Florida 34994  
Department of Financial Services  
Procurement & Contracting Services Division

Lenora Darden, CPPB  
Procurement Manager  
[ldarden@ci.stuart.fl.us](mailto:ldarden@ci.stuart.fl.us)

Telephone (772) 288-5308  
Fax: (772) 600-0134  
[www.cityofstuart.us](http://www.cityofstuart.us)

## MEMORANDUM

To: Louis J. Boglioli III, Acting City Manager  
Through: Dave Ross, City Manager  
From: Lenora Darden, Procurement Manager  
Date: May 4, 2018  
Subject: Award of ITB #2018-107: HVAC Replacement Services

Attached are: the bid tabulation, 2018 fiscal budget, and the department's recommendation for the above referenced project. In accordance with the City of Stuart Code of Ordinances, you have authority to award solicitations that are valued up to Fifty Thousand and 00/100 Dollars (\$50,000.00); when funds for the project have been appropriated by the City Commission through the annual budgeting process; and the vendor was selected in accordance with the City Procurement Ordinance.

This solicitation was legally advertised in the Palm Beach Post on April 11, 2018 and was broadcasted by DemandStar, the City's on-line disseminator, to Two Hundred and Nine (209) vendors. Out of twenty-one (21) planholders, two (2) bids were received by 2:30 pm on the ITB opening date, April 25, 2018.

Award of the primary contractor is determined in order of responsiveness, delivery, acceptance of purchasing card program, materials and service proposed, along with bidder's qualifications, adequate organization, and personnel to ensure prompt and efficient performance of work to the City.

The Primary bidder will be used in every instance of ordering products and services within the time specified in this bid. If the Primary bidder is not able to deliver the product and services in question within the specified time, the City reserves the right to contact the secondary bidder with the subsequent lowest responsive responsible bid accordingly.

Staff has reviewed the bids, checked their references, and recommends the primary award to Thermal Concepts of Stuart, Florida and secondary award to Florida Mechanical LLC of Riviera Beach, Florida.

Please review the attached documentation and signify below your determination of award, request for further information or recommended rejection of all bids.

Should you have any questions or if I might be of further assistance please call me at ext. 5308 or contact me by email at [ldarden@ci.stuart.fl.us](mailto:ldarden@ci.stuart.fl.us).

- Primary Award of ITB #2018-107, HVAC Replacement Services to the lowest **responsive** and responsible bidders, Thermal Concepts of Stuart, Florida; and secondary award to Florida Mechanical LLC of Riviera Beach, Florida, for the initial term of one (1) year with two (2) additional 1-year periods.
- Further information is required
- Recommend all bids be rejected

  
Louis J. Boglioli III, Acting City Manager

  
Date



**ORIGINAL**

CACO39621 CSC046951 CGCA07936

**CITY OF STUART ITB  
BID NO. 2018-107  
HVAC REPLACEMENT SERVICES**

**DUE: APRIL 25, 2018 AT 2:30 P.M.**

**SUBMITTED TO:**

**STUART CITY HALL  
PROCUREMENT AND CONTRACTING SERVICES OFFICES  
121 S.W. FLAGLER AVENUE  
STUART, FLORIDA 34994**

**SUBMITTED BY:**

**THERMAL CONCEPTS, INC. (North Office)  
2497 SE DIXIE HIGHWAY  
STUART, FLORIDA 34997  
TELEPHONE: 954.472.4465 Ext. 509  
FAX: 772.220.2273**



CACO39621 OSCO46951 CGCA07936

**CITY OF STUART ITB  
BID NO. 2018-107  
HVAC REPLACEMENT SERVICES**

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- 7. Questionnaire Form (Attachment G)**
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City of Stuart  
121 SW Flagler Avenue  
Stuart, FL 34994  
Department of Financial Services

Lenora Darden  
Procurement Manager

Procurement & Contracting Services Division  
772.288.5320 PHONE

772.600.0134 FAX  
[purchasing@ci.stuart.fl.us](mailto:purchasing@ci.stuart.fl.us)

## INVITATION TO BID

FOR: HVAC Replacement Services  
DATE: April 11, 2018  
DEPT: Public Works/Building Maintenance  
BID NUMBER: 2018-107

### THIS IS NOT AN ORDER

Bids will be opened and publicly read aloud at City Hall, 121 S.W. Flagler Ave., Stuart, FL at **2:30 pm on Wednesday, the 25<sup>th</sup> day of April, 2018.** Bids must be SUBMITTED ON THE desired.

Please attach this completed form as the top sheet for all bids submitted. Ten (10%) Bid bond, if required, shall accompany each bid of \$50,000 or more as evidence of the good faith and responsibility of the bidder in the form of a Surety Bond, Cashier's Check or Certified Check (checks payable to The City of Stuart).

Bidder's Name	ALLEN DAVID IRVINE
Company Name	THERMAL CONCEPTS, INC.
Street Address	2497 SE DIXIE HIGHWAY
City, State, Zip	STUART, FLORIDA 34997
Total Overall Amount	\$ <u>40,967.50</u>

It is the intent and purpose of the City of Stuart that this Invitation to Bid promotes competitive bidding. It shall be the bidder's responsibility to advise the Procurement Division if any language, requirements, etc., or any combination thereof, inadvertently restricts or limits the requirements stated in this Invitation to Bid to a single source. Such notification must be submitted in writing and must be received by the Procurement Division not later than seven (7) days prior to the bid opening date.

**Hand Deliver Mail/Express Bids to:**  
**Stuart City Hall**  
**Procurement & Contracting Services Office**  
**121 S.W. Flagler Avenue**  
**Stuart, Florida 34994**



CAC039621 CSC046951 CGCA07936

April 19, 2018

I, the undersigned

Name: Lawrence D. Maurer

Position: President

Company: Thermal Concepts, Inc.

Authorize the person mentioned below to act on my behalf in all matters related to:

Bid No. 2018 - 107, City of Stuart, HVAC Replacement Services, due April 25, 2018.

Name: Allen David Irvine

Position: Regional Vice President, Thermal Concepts, Inc.

Signed:

Lawrence D. Maurer  
President  
Qualifier/CAC039621



Department of State / Division of Corporations / Search Records / Detail By Document Number /

## Detail by Entity Name

Florida Profit Corporation  
THERMAL CONCEPTS, INC.

### Filing Information

**Document Number** G32564  
**FEI/EIN Number** 59-2317557  
**Date Filed** 04/11/1983  
**State** FL  
**Status** ACTIVE  
**Last Event** AMENDMENT  
**Event Date Filed** 10/12/2017  
**Event Effective Date** NONE

### Principal Address

2201 COLLEGE AVE  
DAVIE, FL 33317

Changed: 03/03/2009

### Mailing Address

2201 COLLEGE AVE  
DAVIE, FL 33317

Changed: 01/29/1998

### Registered Agent Name & Address

IRVINE, ALLEN  
2650 SW 19 ST  
FT LAUDERDALE, FL 33312

Name Changed: 07/31/2017

Address Changed: 07/31/2017

### Officer/Director Detail

#### **Name & Address**

Title PD

MAURER, LAWRENCE D  
10741 S.W. 51ST STREET  
FORT LAUDERDALE, FL 33328

**A2 BID SIGNATURE SECTION**

- A2.1 This sheet must be signed by a person authorized to sign for your firm and returned with your bid. Failure to comply will result in disqualification of submittal.
- A2.2 Delivery shall be a factor in award. Failure to perform within delivery deadline(s) set forth in the specifications or any other contract document shall constitute default.
- A2.3 Section Not Used
- A2.4 The City reserves the right to reject any or all bids, without recourse, to waive technicalities or to accept the bid which in its sole judgment best serves the interest of the City. Cost of submittal of this bid is considered an operational cost of the bidder and shall not be passed on to or be borne by the City.
- A2.5 Goods, services, supplies or equipment covered in the specifications shall be delivered F.O.B. Destination.
- A2.6 The City may accept any item or group of items on any bid unless the offeror qualifies his bid by specific limitations.
- A2.7 Bidders are requested not to contact the City Commission, requesting/evaluating Departments or Divisions from the time of the issuance of the solicitation or advertisement through award recommendation posting, unless otherwise set forth in a solicitation. Any questions from bidders or evaluating Departments or Divisions will be answered through the Procurement Division.
- A2.8 If not bidding any or all items, please so state on Attachment I.
- A2.9 Bidders are expected to examine the specifications, delivery schedule, bid prices, extensions and all instructions pertaining to supplies and services. In the event of extension error(s), the unit price will prevail and the Bidder's total offer will be corrected accordingly. In the event of addition errors, the extended totals will prevail and the Bidder's total will be corrected accordingly. Bids having erasures or corrections must be initialed in ink by the Bidder.
- A2.10 **Failure to comply with these instructions may result in disqualification of your bid.**

<u>Thermal Concepts, Inc.</u> Firm Name	<u>4/25/18</u> Date	<u>airvine@thermalconcepts.com</u> Email Address
<u>Allen D. Irvine</u> Authorized Signature	<u>954-472-4465 Ext. 257</u> Telephone Number	
(Manual) <u>Allen D. Irvine</u> <u>Regional Vice Pres.</u> Name/Title (Please Print)	<u>954-472-4425</u> Facsimile Number	

Any questions regarding this Invitation to Bid should be addressed to the Procurement & Contracting Services Office, City of Stuart, Florida. Contact Purchasing: Email: [purchasing@ci.stuart.fl.us](mailto:purchasing@ci.stuart.fl.us).

Title VSTD

MAURER, MURRAY J  
440 N. VICTORIA TERRACE  
FT LAUDERDALE, FL 33301

**Annual Reports**

<b>Report Year</b>	<b>Filed Date</b>
2016	03/01/2016
2017	02/13/2017
2018	03/02/2018

**Document Images**

<a href="#">03/02/2018 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">10/12/2017 -- Amendment</a>	<a href="#">View image in PDF format</a>
<a href="#">07/31/2017 -- Reg. Agent Change</a>	<a href="#">View image in PDF format</a>
<a href="#">02/13/2017 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">03/01/2016 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/20/2015 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">05/09/2014 -- Reg. Agent Change</a>	<a href="#">View image in PDF format</a>
<a href="#">02/27/2014 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">04/16/2013 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">02/08/2012 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">02/16/2011 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">02/04/2010 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">03/03/2009 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/24/2008 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/25/2007 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">03/21/2006 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/06/2005 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">03/15/2004 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">03/24/2003 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/23/2002 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">04/26/2001 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">03/06/2000 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">02/26/1999 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/29/1998 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/17/1997 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">05/28/1996 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">04/14/1995 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>

**F. BID SCHEDULE**

The City of Stuart intends to award a contract to the lowest Responsive and Responsible bidder using the following Unit Prices as a basis for award. Items include all profit and overhead, incidentals, all labor, supervision, testing, machinery, equipment, tools, clean up and other means to successfully complete the services in its entirety.

- **Routine/Regular Normal Hours** Mon-Fri, 8am – 5pm
- **Overtime/After Hours:** Weekends (Sat & Sun), Mon-Fri, 5:01pm – 7:59am, including Holidays

Group A: Technician Rates				
ITEM NO.	DESCRIPTION	HOURLY LABOR RATE	ESTIMATED HOURS	TOTAL
1	HVAC Technician: Routine Rate	\$ 68.00	100	\$ 6800.00
2	HVAC Technician: Overtime Rate	\$ 102.00	15	\$ 1530.00
3	HVAC Helper: Routine Rate	\$ 35.00	100	\$ 3500.00
4	HVAC Helper: Overtime Rate	\$ 52.50	15	\$ 787.50
<b>Group A Total (Add Items 1-4)</b>				<b>\$ 12,617.50</b>
Group B: Equipment Hourly Rate				
Awardee-owned, Leased or rented equipment <b>with operators</b> , per hour for all of the following equipment to <b>include any required operators</b> and transportation to the sites.				
ITEM NO.	DESCRIPTION	HOURLY LABOR RATE	ESTIMATED HOURS	TOTAL
1	Boom Truck (35-45 ton)	\$ 150.00	12	\$ 1800.00
2	Crane (55-60 ton)	\$ 170.00	12	\$ 2550.00
<b>Group B Total (Add Items 1-2)</b>				<b>\$ 4350.00</b>
Group C: Equipment and Parts				
<b>Parts and Materials including the Supply and installation of new AC Units:</b> In this section, the City has indicated the estimated annual expenditure for parts and materials are \$20,000.00. Bidders are to provide a percentage mark up from cost for parts and materials. Ancillary items are at no cost to the City.				
Multiply \$20,000.00 X Percentage of Mark-Up for Equipment & Parts <u>20</u> % =				\$ 24,000.00
<b>GROUP A + GROUP B + GROUP C = OVERALL ESTIMATED ANNUAL TOTAL</b>				<b>\$ <u>40967.50</u></b>
Estimated usage is for bid evaluation purposes and shall not be construed as a guarantee of materials/hours. Actual hours and/or service needed will vary depending upon priorities and budgeting				
Preferred method of payment is by the City Purchasing Card (VISA). DO YOU ACCEPT THE PURCHASING CARD (VISA)? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
If you are not the successful bidder awarded as primary provider, would you accept serving as the secondary (backup) provider, with the same terms as conditions as your bid? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				

Company Name Thermal Concepts Inc.

All Prices will remain firm for a period of sixty (60) days from the date of Bid opening.

The City of Stuart offers bidders who commit to accepting the Purchasing Card, noted above in the Bid Schedule as payment method, a one percent (1%) reduction in their bid price for evaluation purposes only. When evaluating prices submitted by bidders in response to this solicitation, the total offered price of a bidder committed to accepting the Purchasing Card will be reduced by one percent, the resulting number is then compared to the other bidders' offered price. If the committed bidder is awarded the contract, the award will be at the originally bid price. City shall not pay any service charges or fees for Pcard transactions. By checking yes above, all payments will be paid by the pcard method of payment.

The undersigned bidder hereby certifies that the invitation to bid has not been altered in any manner; and that bidder has received all the Addenda listed below and has incorporated them into his Bid listed herein. Failure to acknowledge the above requirements will render the bid non-responsive and no further evaluation of the bid will occur.

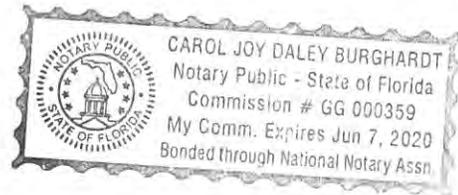
ACKNOWLEDGEMENT IS HEREBY MADE OF RECEIPT OF ADDENDA ISSUED DURING THE SOLICITATION PERIOD:

ADDENDUM # N/A THROUGH ADDENDA # N/A

Name of individual submitting Bid: Allen D. Irvine

Email address: airvine@thermalconcepts.com Ph: 954 472 4465

AUTHORIZED SIGNATURE: Allen D. Irvine





**STATE OF FLORIDA  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**

**CONSTRUCTION INDUSTRY LICENSING BOARD  
1940 NORTH MONROE STREET  
TALLAHASSEE FL 32399-0783**

(850) 487-1395

MAURER, LAWRENCE DAVID  
THERMAL CONCEPTS INC  
2201 COLLEGE AVE  
DAVIE FL 33317

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbeque restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto [www.myfloridalicense.com](http://www.myfloridalicense.com). There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!



DETACH HERE

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

**STATE OF FLORIDA  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
CONSTRUCTION INDUSTRY LICENSING BOARD**

<b>LICENSE NUMBER</b>	
CAC039621	

The CLASS A AIR CONDITIONING CONTRACTOR  
Named below IS CERTIFIED  
Under the provisions of Chapter 489 FS.  
Expiration date: AUG 31, 2018



MAURER, LAWRENCE DAVID  
THERMAL CONCEPTS INC  
2201 COLLEGE AVE  
DAVIE FL 33317



City of Fort Pierce, Florida  
100 N. US Highway 1  
Fort Pierce, FL 34950  
(772) 467-3065

Amount Paid: \$0.00

Issued: August 24, 2017

Comp Card Expires: September 30, 2018  
State License Expires: CAC039621 08/31/18  
Worker's Comp Expires: WC206853907 04/01/18  
Liability Ins. Expires: GL20572050702 09/04/17

City of Fort Pierce, Florida  
Certificate of Competency

**A/C CONTRACTOR CERTIFIED**

Control #0042573 License # 18-00024410

THERMAL CONCEPTS INC  
MAURER, LAWRENCE D  
2201 COLLEGE AVE  
PLANTATION FL 33317

THERMAL CONCEPTS INC  
2201 COLLEGE AVE

PLANTATION FL 33317



# State of Florida



## Department of State

I certify from the records of this office that THERMAL CONCEPTS, INC. is a corporation organized under the laws of the State of Florida, filed on April 11, 1983.

The document number of this corporation is G32564.

I further certify that said corporation has paid all fees and penalties due this office through December 31, 1999, that its most recent annual report was filed on February 26, 1999, and its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

Given under my hand and the  
Great Seal of the State of Florida  
at Tallahassee, the Capitol, this the  
Fifth day of March, 1999



CR2EO22 (1-99)

*Katherine Harris*

Katherine Harris  
Secretary of State

# *State of Florida*

## *Department of State*

I certify from the records of this office that THERMAL CONCEPTS, INC. is a corporation organized under the laws of the State of Florida, filed on April 11, 1983.

The document number of this corporation is G32564.

I further certify that said corporation has paid all fees due this office through December 31, 2016, that its most recent annual report/uniform business report was filed on March 1, 2016, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

*Given under my hand and the  
Great Seal of the State of Florida  
at Tallahassee, the Capital, this  
the Twenty-ninth day of March,  
2016*



*Ken DeFries*  
**Secretary of State**

Tracking Number: CU5868144627

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>



**ATTACHMENT B**  
**EXPERIENCE OF BIDDER**

Contractors must provide a minimum of three (3) satisfactory references within the past five (5) years of similar accounts and size on the City provided form. Contractor is responsible for verifying correct phone numbers and contact information. Failure to provide accurate data may result in the reference not being obtained or considered.

#1	Agency	Jewish Federation of the Palm Beaches
	Address	9901 Donna Klein Blvd
	City, State, ZIP	Boca Raton, Fl 33428
	Contact Person	George Cadugan
	Telephone	561-558-2126
	Date(s) of Contract	Ongoing
	Dollar Value of Contract	\$101,000.00 annually
#2	Agency	Citrix Systems
	Address	851 W Cypress Creek Road
	City, State, ZIP	Fort Lauderdale, FL
	Contact Person	Corey Schwarz
	Telephone	954-267-2367
	Date(s) of Contract	Ongoing
	Dollar Value of Contract	\$150,000 annually
#3	Agency	VISA International
	Address	1004 NW 65th Avenue
	City, State, ZIP	Miami, FL 33126
	Contact Person	Kevin Lahey
	Telephone	305-328-1000
	Date(s) of Contract	5 years - ongoing
	Dollar Value of Contract	\$85,000.00 annually

Company Name Thermal Concepts Inc.

## REFERENCES

Project Name	<b>University of Miami – various locations</b>
Address of Project	5821 San Amaro Drive, Coral Gables
Project Type	HVAC Service, Maintenance, Installation & repairs
Cost	\$750,000.00
Completion Date	Ongoing
Company	<b>University of Miami</b>
Address of Company	P.O. Box 16960 (R34), medical Physical Plant Suite RG, Miami FL 33101
Contact Name & Title	Richard Mentzel
Contact Email Address	rmentzel@med.miami.edu
Secondary Contact Name & Title	
Secondary Contact Email address	
Contact Phone Number	305-243-4847
Contact fax number	
Project Name	<b>Barry University</b>
Address of Project	11300 NE 2 <sup>nd</sup> Avenue
Project Type	HVAC Service, Maintenance, installation & Controls
Cost	\$1.1 million
Completion Date	Ongoing
Company	<b>Barry University</b>
Address of Company	11300 NE 2 <sup>nd</sup> Avenue
Contact Name & Title	Gene Wojtynek - Facility Manager
Contact Email address	<a href="mailto:EWojtynek@barry.edu">EWojtynek@barry.edu</a>
Secondary Contact Email address	
Contact Phone Number	305-899-4914
Contact Fax number	
Project Name	<b>Citrix Systems, Inc.</b>
Address of Project	851 W Cypress Creek Road
Project Type	HVAC Maintenance & Service
Cost	\$200,000.00
Completion Date	Ongoing
Company	Citrix Systems, Inc.
Address of Company	851 W Cypress Creek Road
Contact Name & Title	Corey Schwarz – Facilities Manager
Contact Email address	<a href="mailto:cschwarz@citrix.com">cschwarz@citrix.com</a>
Secondary Contact Email address	
Contact Phone Number	954-267-2367
Contact Fax number	954-267-2551
Project Name	<b>Jewish Federation</b>
Address of Project	9901 Donna Klein Blvd. Boca Raton, FL 33428
Project Type	Service & Maintenance and Controls
Cost	\$100,000.00
Completion Date	Ongoing
Company	Jewish Federation
Address of Company	9901 Donna Klein Blvd. Boca Raton, FL 33428
Contact Name and Title	George Cudgan
Contact Email Address	<a href="mailto:georgic@bocafed.org">georgic@bocafed.org</a>
Contact Phone Number	561-558-2126
Contact Fax Number	

# COMPLETED PROJECTS

## Project Name

Project Name	Mailing Address	Contract Amt.	Completion Date	Architect	General Contractor	GC Contact	GC Phone No.	TCI PM
Broward Cir Phase 1, 2, and 3	201 SW 5th Avenue Ft Lauderdale, FL 33312 US	\$ 3,068,000.00	3/31/2014	Wilson Butler	Stiles Construction Co.	Whitt	954.627.9150	Shawn Kohli
Imagine II	7291 NW 47th Street Medley, FL 33166 US	\$ 1,535,000.00	12/21/2014	Carlos Dominquez	Marketplace Designers LLC	Silvana Trigueros	305.267.8831	Shawn Kohli
Activis R & D Renovation	4955 Orange Drive Davie, FL 33314 US	\$ 225,800.00	10/10/2014	Engel & Associates	Whiting Turner Contracting	Gabe Williams	954.632.2427	John Yoder
Air Traffic Control Twr (ATCT) Ft Lauderdale Exec Airport, FL	DOT/ Federal Aviation Authority 1701 Colombia Ave., College Park, GA	\$ 908,200.00	4/1/2014	POND	J Kokolakis Contracting	Jake Parker	727.942.2211	Raul Parrinello
Lsg Sky Chefs Roof Stands	3630 Nw 24Th St Miami, FL 33142 US	\$ 167,000.00	5/1/2015	Garaycochea Engineering	LSG Sky Chefs USA Inc	Jerry Nirgo	972.793.9634	Doug Daniels
Bay Parc 100% Outside Air	1756 N Bayshore Drive Miami, FL 33232 US	\$ 229,725.00	5/1/2015	NA/ Retrofit	AIMCO	James Luiken	305.887.4440	Doug Daniels
Black Box Theater	225 E. Las Olas Blvd Ft Lauderdale, FL 33309 US	\$ 76,350.00	5/31/2015	NA/ Retrofit	Broward College	Yohannas Asgedom	954.201.5315	Doug Daniels
Akerman LLC Miami	98 SE 7th Street Miami, FL 33131 US	\$ 28,005.00	5/15/2015	Gensler	Airtech Air Conditioning	Christian Lopez	786.246.5202	Gary Becraft
Sea Haven Cooling Tower	2731 Ne 14Th Street Pompano Beach, FL 33062 US	\$ 304,075.00	6/1/2015	Garaycochea Engineering	Sea Haven Condo Assoc.	Beverly	954.946.6259	Doug Daniels
Miami Science Museum	3280 S. Miami Ave., Miami, FL 33133 Miami, FL 33132 US	\$ 7,030,000.00	6/8/2015	Rodriguez and Quiroga	Suffolk Construction Company, Inc.	Bob West	561.832.1616	Mike Von Godanyl
Level 3 Chiller Replacement	50 NE 9Th Street Miami, FL 33132 US	\$ 460,176.00	6/30/2015	NA/ Retrofit	Level 3 - Colorado	Baily Pritchard	720-888-5743	Doug Daniels
Pediatrix Trane Rtu Replace	1301 Concord Terrace Sunrise, FL 33323 US	\$ 330,132.00	6/15/2015	Garaycochea Engineering	Pediatrix Medical Group	Linda Sabette	954.384.0175	Doug Daniels
MRH CEP	3501 Johnson Street Hollywood, FL 33021 US	\$ 668,000.00	8/15/2015	Harvard Jolly	ANF Construction	David Trujillo	954.449.1627	Doug Daniels
Lupin Capital Project	4006 NW 124th Avenue Coral Springs, FL 33065 US	\$ 2,699,000.00	9/3/2015	Mainstay Engineering	Whiting Turner Contracting	Gabe Williams	954.632.2427	Rich Buefer
Atlantis Chiller Replacement	1 Casino Drive Paradise Island, FL US	\$ 275,000.00	10/1/2015	NA/ Retrofit	Trane-Miramar	Thomas Murphy	786.423.4210	Doug Daniels
XO Miami Transport	16563 NW 15th Avenue Miami, FL 33169 US	\$ 426,558.00	11/1/2015	NA/ Retrofit	XO Communications	Migdalia Ramos	866.672.9207	Doug Daniels
Plantation General Hospital Generator Installation	401 NW 42nd Avenue Plantation, FL 33317 US	\$ 30,225.00	11/13/2015	NA/ Retrofit	Pomeroy Electric Inc	Frank Duranza	954.379.0437	Doug Daniels
BCPA Damper Wall	201 SW 5th Avenue Ft Lauderdale, FL 33312 US	\$ 21,316.00	12/20/2015	NA/ Retrofit	Broward Center Performing Arts	Foster Jones	954.468.2694	Luis Jimenez
Barry Library Refurbish AHUs	11300 NE 2nd Avenue Miami Shores, FL 33161 US	\$ 120,566.00	1/3/2016	NA/ Retrofit	Barry University	NA/ Retrofit	NA/ Retrofit	Dale Schrack
NHC Condensing Units Replacement	11691 SW 17th Street Miami, FL 33165	\$ 51,000.00	3/28/2016	NA/ Retrofit	Venergy Group LLC	Josh White	910.322.8055	Jorge Benitez

Brickell Townhouse Condo Cooling Towers	2451 Brickell Avenue Miami, FL 33129	\$ 160,000.00	3/1/2016	Garaycochea Engineering	Brickell Townhouse	Jenny Pereira	305-854-1152	Doug Daniels
Nu River Landing Condo Replacement	511 SE 5th Avenue Fort Lauderdale, FL 33301	\$ 618,000.00	3/31/2016	Garaycochea Engineering	NuRiver Landing Condominium	Armando Vargas	954.728.9992	Doug Daniels
Visa Cooling Tower Replacements	1004 NW 65th Ave. Miami, FL 33126	\$ 450,000.00	3/31/2016	Garaycochea Engineering	Roth Southeast (MRSE)	Martha Hernandez	305.328.1596	Doug Daniels
Blair House Condo Chiller Replacement	9100 West Bay Harbor Drive Bay Harbor Islands, FL 33156	\$ 375,550.00	3/1/2016	Garaycochea Engineering	Blair House Condominium	Benny Robinson	305.865.0451	Doug Daniels
Saks Brickell City Centre	81 SW 8th Street Miami, FL 33131	\$ 1,790,000.00	4/30/2016	Dean and Dean Associates	Ben F Blanton Construction	Dave Graf	636.262.1108	Tom Fiddelke
La Rive Condo RTU Replacement	715 Bayshore Drive FLauderdale, FL 33308	\$ 121,753.00	4/29/2016	NA/ Retrofit	La Rive Condominium	Brian Hancock	954.401.2632	Doug Daniels
The Bond	1080 Brickell Avenue Miami, FL 33131	\$ 68,000.00	5/1/2016	NA/ Retrofit	Cyrsa International Mechanical Contractors	Jessica Cavaliere	954.674.3444	Larry Maurer
The Bath Club 4 WSU Replacements	5959 Collins Avenue Miami Beach, FL 33140	\$ 388,000.00	5/20/2016	MZE Consulting Engineer	The Residences at the Bath Club Condo Association	Lorena Rosario	305.866.8799	Jorge Banitez
Magic Leap Temp Clean Room & Machine Room	7500 W Sunrise Boulevard Sunrise, FL 33322	\$ 55,000.00	5/30/2016	Clean Air Technologies	Butters Construction & Development	Dan Lawlor	954.312.2400	Larry Maurer
Magic Leap Additional Duct Work	7500 W Sunrise Blvd Plantation, FL 33322	\$ 250,000.00	5/30/2016	Clean Air Technologies	Clean Air Technology, Inc.	Casey Bell	734.459.6320	Larry Maurer
Magic Leap Minus Supply Ductwork	7500 W Sunrise Boulevard Plantation, FL 33313	\$ 1,642,000.00	5/30/2016	Clean Air Technologies	Clean Air Technology, Inc.	Jeff Waller	734.459.6320	Larry Maurer
UMLSTP - Trina Health Care	1951 NW 7th Avenue Miami, FL 33136	\$ 64,000.00	5/30/2016	Architectural Design Collaborative	Whiting Turner Contracting	Gabe Williams	954.776.0800	Steve Young
Magic Leap Trane Chillers	7500 W Sunrise Boulevard Plantation, FL 33322	\$ 579,000.00	6/1/2016	NA/ Retrofit	Clean Air Technology, Inc.	Jeff Waller	734.459.6320	Larry Maurer
Pediatric Cooling Tower Replacement	1500 Concord Terrace Sunrise, FL 33323	\$ 224,925.00	6/1/2016	NA/ Retrofit	Pediatric Medical Group	Linda Sabette	954.384.0175	Doug Daniels
Enterprise RTU Replacements	5105 Johnson Rd Coconut Creek, FL 33073	\$ 84,200.00	6/6/2016	Garaycochea Engineering	Enterprise - Coconut Creek	Curtis Brown	954.354.5115	Doug Daniels
Ritz Carlton Generator Exhaust Installation	Ritz-Carlton Residences 2700 North Ocean Drive Singer Island, FL 33404	\$ 139,735.00	7/1/2016	KAMM Consulting	2700 North Ocean Condominium Association, Inc.	Board of Directors	561-259-2700	John Satterfield
Bridge - Jade - Daera III	150 NE 42nd Street Miami, FL 33137 US	\$ 397,300.00	9/1/2016	SB Srchitects	Coastal Construction - Blue Lagoon	Goran Ljustina	305.559.4900	Brian Fleming
SFRTA Pompano Beach	3301 NW 8th Avenue Pompano Beach, FL 33064 US	\$ 2,338,500.00	10/30/2016	Zyscovich Architects	Gulf Building LLC	Andrew Garshon	954.492.9191	Mike Von Godanyi
SFRTA Plumbing	3301 NW 8th Avenue Pompano Beach, FL 33064 US	\$ 838,000.00	10/30/2016	Zyscovich Architects	Gulf Building LLC	Andrew Garshon	954.492.9191	Mike Von Godanyi

Covenant Village Care for Reno	9215 W Broward Blvd Plantation, FL 33324 US	\$ 249,688.00	10/30/2016	CC Hodgson Architectural Group, LLC	JWR Construction Inc	Bill Oakman	954-480-2800	Mike Von Godany
Brickell CityCentre Hotel	601 S Miami Avenue Miami, FL 33131 US	\$ 7,595,839.00	11/30/2016	Arquitectonica	Americaribe/J Moriarty Joint	David Fellows	954-920-8550	Tom Fiddelke
Brickell CityCentre Residential	601 S Miami Avenue Miami, FL 33131 US	\$ 14,380,470.00	11/30/2016	Arquitectonica	Americaribe/J Moriarty Joint	David Fellows	954-920-8550	Tom Fiddelke
Brickell CityCentre Podium	601 S Miami Avenue Miami, FL 33131 US	\$ 16,797,859.00	11/30/2016	Arquitectonica	Americaribe/J Moriarty Joint	David Fellows	954-920-8550	Tom Fiddelke
Paradise Plaza	150 NE 42nd Street Miami, FL 33137	\$ 2,277,700.00	11/30/2016	SB Srchitects	Coastal Construction - Blue Lagoon	Goran Ljustina	305-559-4900	Brian Fleming
Broward College Chiller Plant	3501 SW Davie Rd Davie, FL 33314 US	\$ 1,134,800.00	12/1/2016	JLRD	Fastrack MCI	Jeff Rabold	561-304-7884	Doug Daniels
Brickell Heights 1 & 2	850 S Miami Avenue Miami, FL 33131 US	\$ 9,910,000.00	4/5/2017	Steven Feller, P.E., PL	Moss & Associates (Andrews)	Scott Desharnais	954-524-5678	Brian Fleming
Jade Signature	16901 Collins Avenue Sunny Isles, FL 33160	\$ 6,155,087.00	4/1/2017	ADD Inc.	Suffolk Construction Co.	Dan Finch	305-432-1326	Larry Maurer
Drybar- BCC	701 South Miami Avenue Miami, FL 33131	\$ 53,270.00	6/1/2017	Boggs Vickers Architects	ICC	Charles Asbury	786-389-0950	Joe Robertson
Casa Tua Cucina	701 South Miami Avenue Miami, FL 33131	\$ 1,120,000.00	7/18/2017	Hapstak Demetriou+	SCC Engineering, Inc.	John Meneses	305-448-1118	Joe Robertson
Apple Store- BCC	701 South Miami Avenue Miami, FL 33131	\$ 464,031.00	5/1/2017	Callison RTKL, Inc.	SAJO Design	Andrea Riccio	514-385-0333 x Alex Torres	
RD-1 Patient Pavilion	1951 NW 7th Avenue Miami, FL	\$ 15,253.00	5/1/2017	Architectural Design Collaborative	Whiting- Turner	Gabe Williams	954-776-0800	Shawn Kohli
Icon Las Olas	2101 N Andrews Avenue Wilton Manors, FL 33311	\$ 5,170,000.00	12/1/2017	Sieger Suarez Architects	Moss & Associates (Andrews)	Guy Reese	305-460-9900	Steve Young

**ATTACHMENT C**

**SWORN STATEMENT PURSUANT TO SECTION 287.133 (3) (a),**

**FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES**

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted to CITY OF STUART, MARTIN COUNTY, FLORIDA

by: ALLEN DAVID IRVINE

*(print individual's name and title)*

for: THERMAL CONCEPTS, INC.

*(print name of entity submitting sworn statement)*

whose business address is: 2201 College Avenue, Davie, FL 33317

and (if applicable) its Federal Employer Identification Number (FEIN) is: 59-2317557

(If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: \_\_\_\_ - \_\_\_\_ - \_\_\_\_.)

2. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentations.
3. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.
4. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:
- a. A predecessor or successor of a person convicted of a public entity crime; or
  - b. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.
5. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, Shareholders, employees, members, and agents who are active in management of an entity.

6. Based on information and belief, the statement which I have marked below is true in relations to the entity submitting this sworn statement. (Indicate which statement applies).

Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with ad convicted of a public entity crime subsequent to July 1, 1989.

The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida , Division of Administrative Hearings and the final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list (attach a copy of the final order).

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

Allen S. Jume  
**Signature**

Sworn to and subscribed before me this 23<sup>rd</sup> day of April, 2018.

Personally known OR Produced Identification

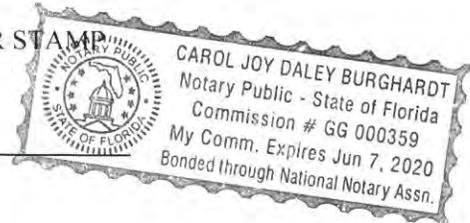
[Signature] Notary Public – State of Florida

Type of Identification \_\_\_\_\_

My Commission Expires: \_\_\_\_\_

Company Name Thermal Concepts Inc.

SEAL OR STAMP



ATTACHMENT D

SAFETY STANDARDS CERTIFICATION

The undersigned bidder hereby certifies that he or she has or will thoroughly familiarize him or herself with the contents of the City of Stuart Safety Standards. The Bidder further certifies that he or she either has or will submit a fully executed copy of those same Safety Standards to the City Purchasing Manager for inclusion in the City's official public record prior to commencing any work on this project.

Signed, Sealed and Witnessed in the Presence of:

DATE: April 23, 2018

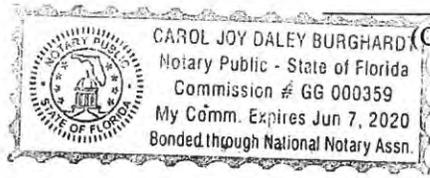
FOR: Thermal Concepts, Inc  
(Firm Name)

Eil Crespo  
(Witness) Eil Crespo

BY: Allen D. Irvine  
(Signature)

Katie Dechert  
(Witness) Katie Dechert

Regional Vice President  
(Title)



CAROL JOY DALEY BURGHARDT (Corporate Attest by Secretary)  
Notary Public - State of Florida  
Commission # GG 000359  
My Comm. Expires Jun 7, 2020  
Bonded through National Notary Assn.  
(Affix Seal)

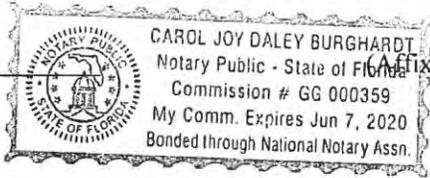
Sworn to and subscribed before me this 23<sup>rd</sup> day of April, 2018,

known to me, or identified as Allen D. Irvine

in the City of Dave, County of Broward, State of Florida.

Signed: [Signature] Notary Public

My Commission Expires: 6-7-2020



(Affix Seal)

**ATTACHMENT E**  
**SUBCONTRACTORS LIST**  
 (Check one of the two boxes below)

- I DO INTEND TO USE SUBCONTRACTORS ON THIS PROJECT *(Fill in the form below)*  
 I DO NOT INTEND TO USE SUBCONTRACTORS ON THIS PROJECT *(Ignore the form below)*

The bidder proposes to use the following subcontractors on this project. The bidder shall list all proposed subcontractors that he/she intends to use or do business with during the course of this project no more than 25% of any portion of this contract for any reason.. The Bidder will make additions, deletions or substitutions only with the permission of the City of Stuart and after sufficient prior written notification.

1			
Subcontractor Firm Name	Address	Telephone No.	Percentage of Work
2			
Subcontractor Firm Name	Address	Telephone No.	Percentage of Work
3			
Subcontractor Firm Name	Address	Telephone No.	Percentage of Work
4			
Subcontractor Firm Name	Address	Telephone No.	Percentage of Work
5			
Subcontractor Firm Name	Address	Telephone No.	Percentage of Work
6			
Subcontractor Firm Name	Address	Telephone No.	Percentage of Work
7			
Subcontractor Firm Name	Address	Telephone No.	Percentage of Work
8			
Subcontractor Firm Name	Address	Telephone No.	Percentage of Work
9			
Subcontractor Firm Name	Address	Telephone No.	Percentage of Work

Company Name: Thermal Concepts Inc.

## ATTACHMENT F

### WARRANTIES

In consideration of, and to induce the award of the CITY OF STUART, FLORIDA, contract described in these bid documents, the contractor represents and warrants to the City of Stuart, Florida:

(1) The Contractor is financially solvent and sufficiently experienced and competent to perform all the work required of the Contractor in the contract; and

(2) That the facts stated in the Contractor's bid and information given the Contractor pursuant to the request or proposal for bids, instructions to bidders and specifications, are true and correct in all respects; and

(3) That the Contractor has read and complied with all the requirements set forth in the request for bids, instructions to bidders and specifications; and

(4) That the Contractor warrants all materials supplied by it under the terms of the contract are delivered to the City of Stuart, Florida, free from any security interest, and other lien, and that the Contractor is a lawful owner having the right to sell the same and will defend the conveyance to the City of Stuart, Florida, against all persons claiming the whole or any part thereof; and

(5) That the materials supplied to the City of Stuart, Florida, under the contract are free from the rightful claims of any persons whomsoever by way of patent or trademark infringement or the like; and

(6) That the materials supplied under the contract are merchantable within the meaning of the Uniform Commercial Code Section 2-314; and

(7) That the materials supplied under the contract are free from defects in material and workmanship under normal use and service and that any such materials found to be defective within one year from the date of delivery, shall be replaced by the contractor free of all charges, including transportation; and

(8) That the materials supplied pursuant to the contract are fit for the purposes for which they are intended to be used; that under normal use and maintenance the materials will continue to be fit for such purposes for a period of one year after delivery, provided that the City shall give the Contractor written notice within five calendar days after the first discovery by the City that the materials failed to fulfill the warranty, whereupon, the Contractor shall be allowed a reasonable time after receipt of such notice to correct the defect and the City agrees to cooperate in this regard. If the materials cannot be made to fulfill the warranty with said one year period, the Contractor will either furnish duplicate materials, or at its option refund the amount paid, which shall constitute a settlement in full for all damages occasioned by reason of this warranty of fitness; and

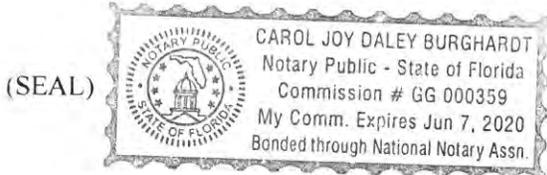
(9) That this warranty is included in exposures for which the Contractor has products liability and completed operations insurance, in minimum amount of One Million (\$1,000,000) Dollars for property damage and One Million (\$1,000,000) Dollars for personal injury as shown on the certificates of such insurance attached hereto, and the Contractor agrees to keep such insurance coverage during the period of this warranty; and

(10) That if is an express condition of this warranty that the item(s) hereby warranted shall be operated and maintained by the City in accordance with the manufacturer's recommendations as to those portions of the item(s) that are not fabricated by the Contractor, and in accordance with the Contractor's recommendations, a copy of which has either been supplied to the City of Stuart, Florida, or is attached hereto, as to such maintenance and operation instructions shall void this warranty as to that portion of the material; accordingly, the City of Stuart should maintain complete and accurate records made at the time of performance of maintenance showing compliance with such instructions, and by acceptance of this

warranty, the City of Stuart, Florida, agrees to present such records to the Contractor upon request in the event of a claim hereunder by the City; and

(11) That it is agreed and understood by the Contractor that the City of Stuart, Florida, is induced to enter the contract to which this warranty applied in reliance upon this warranty.

SIGNED, sealed and delivered on this 23<sup>rd</sup> day of April, 2018



CONTRACTOR:

BY:

Allen G. Li

ATTEST:

Carol Joy Daley Burghardt

Secretary  
(Certificates of Insurance attached)

**ATTACHMENT G  
QUESTIONNAIRE FORM**

**THIS IS A FILLABLE FORM ONLINE AND AVAILABLE FOR DOWNLOAD AND  
SUBMISSION**

**Part A - Minimum Qualifications & Experience:** Information provided shall fully explain the firm's qualifications and experience of their Organization to provide HVAC Repair, Replacement and Installation services for the City as stated below: **(Bidders may attach additional sheets, if necessary).**

1. Contractor shall have a minimum of five years of experience specializing in HVAC replacement, and repairs as described in scope of work that can be verified? Provide supporting documentation below or as an attachment.  X
2. Contractor must submit proof of current licenses to perform work as specified. Copy of licenses are included Yes
3. Bidders, both corporate and individual, must provide proof that their firm is registered with the Division of Corporations for the State of Florida. Yes
4. Bidder shall comply with Business Tax Receipt requirements for their business location, if required. A copy of the business/tax receipt or proof of exemption must be included with the submittal package. Yes
5. Contractor shall provide an assigned Supervisor (to the City account) with a minimum of five (5) years' experience in similar work and provide details of their qualifications. This assigned Supervisor will be responsible for overseeing all work performed.

**Full Time Supervisor assigned to this project:**

Name: Christopher Bavaro Title: Service Field Supervisor Day Telephone : 954-605-6412

Fax: 954-472-4425 Email: cbavaro@thermalconcepts.com Co. Website: www.thermalconcepts.com

         Number of Years with Firm: 12 yrs               Years of Technical Experience

         Number of Years of Management Experience in overseeing staff: 6

Area(s) of Responsibility:          Technical Certification/License obtained : See attached Resume

6. Technician must be certified as an Universal Technician in Refrigerant Recovery and Trane certified with a minimum of five year's experience, specializing in heating, ventilating air conditioning control systems, including repair and replacement installations. Copy of certificates are included Yes

**Technician assigned to this project:**

Name: Christopher Bavaro Title: Field Service Manager Day Telephone: 954-605-6412

Fax: 954-472-4425 Email: cbavaro@thermalconcepts.com Co. Website: www.thermalconcepts.com

         Number of Years with Firm: 12 years      Years of Technical Experience 17:

Area(s) of Responsibility:          Technical Certification/License obtained

**Part B – Other Information**

1. How many years has your organization been in business as a contractor? 35
2. List of the manufacturer's equipment that firm is certified for replacement services?  
**TRANE, YORK, CARRIER, AAON, DAIKEN, PETRA, INNOVENT**
3. Back-orders shall be made known to the City at time of order placement. Explanation of back-order procedures: N/A
4. Please specify what role Contractor will take with warranty claims? \_\_\_\_\_  
Thermal Concepts will honor warranty and do repairs within warranty period
5. Please provide details or method of confirmation for orders received: **EMAIL**
6. Provide a list of contact person(s) name, telephone, fax and an email address (if applicable) for order placement, coordination of services, customer satisfaction, and days of operation and office hours; Monday to Friday and holidays and weekends if applicable: **ATTACHED**
7. Is extended warranty available, if so provide information? N/A
8. List of equipment and facilities available to do the work. 2 Facilities
9. Submission of Quality Control Program, **ATTACHED**
10. Contractor to provide details of uniform and identification worn by employees.  
**Clearly identifiable uniforms with Company name and employees name along with Company badge ID**
11. List a summary of Dispatch methods used during normal business hours and after hours (radio, beepers, cellular phones etc.). **I-Pads, I-phones**
12. Approximately how many miles is your location from the City of Stuart? 1 mile

## ATTACHMENT H

### BIDDERS CHECKLIST

This checklist is provided to assist each Bidder in the preparation of their bid response. Included in this checklist are important requirements, which is the responsibility of each Bidder to submit with their response in order to make their response fully compliant. This checklist is only a guideline~ it is the responsibility of each Bidder to read and comply with the Invitation to Bid in its entirety.

Is Bid envelope marked accordingly?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Is Invitation to Bid cover page (page 1) completed, signed and attached?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Is copy of bidder's valid Business Tax Receipt submitted?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Is Bid Schedule Form completed, signed and attached?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Is Questionnaire/Qualifications form included?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Is bid submitted in triplicate (one original, two copies) ?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Bidder must submit proof that their firm name is registered. with their State of origin	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Is proof of insurance included?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Are Submittal Forms completed and enclosed? Reference, Subcontractors, Safety Cert, etc.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Are addendum (if any issued) signed and submitted?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Submit a copy of all Licenses, Certificates, or Registrations, held by Bidder	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Is W-9 Form completed, signed and attached?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
All prices have been reviewed for mathematical accuracy, all price corrections initialed, and all price extensions and totals thoroughly checked.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

Company Name Thermal Concepts Inc.



**ATTACHMENT J  
REQUEST FOR INFORMATION**

**REQUEST FOR TAXPAYER IDENTIFICATION NUMBER  
SUBMIT WITH IRS FORM W-9**

Dear Vendor:

Federal Income Tax Law requires a Form 1099 with a valid taxpayer identification number to be filed for payments made in the course of conducting a trade or business. Further, these payments may be subject to Backup Federal Income Tax Withholding for all payees who have not submitted a correct Federal Tax Identification Number at the time of payment.

Please read this form and complete the information thereon before signing and **returning with a copy of your IRS W9 Form**. If you are a corporation, we will not issue you a Form 1099 (Reference: 1.6401-3(c)). However, kindly return this form to document your corporate status.

In order to avoid the possibility of future payments being held subject to Backup Withholding at a rate of 31%, please complete the form printed below and return this letter to the above address or E-mail request to: [CityAccountsPayable@ci.stuart.fl.us](mailto:CityAccountsPayable@ci.stuart.fl.us)

**VENDOR NAME** THERMAL CONCEPTS, INC.

**DBA:** \_\_\_\_\_

**CORPORATE ADDRESS:** 2201 COLLEGE AVENUE

**CITY:** DAVIE **STATE:** FL **ZIP:** 33317

**TELEPHONE:** (954) 472-4465 **FAX:** (954) 472-3225 **ALTERNATE PHONE:** (954) 410-3225

**COMPANY CONTACT NAME:** THERMAL CONCEPTS **EMAIL ADDRESS:** \_\_\_\_\_

**TYPE OF CERTIFICATION**

- |                                  |                                 |   |
|----------------------------------|---------------------------------|---|
| 1. <input type="checkbox"/> MBE  | 3. <input type="checkbox"/> SBA | 5. <input type="checkbox"/> DVBE                      |
| 2. <input type="checkbox"/> MWBE | 4. <input type="checkbox"/> SDB | 6. <input type="checkbox"/> Other: <u>CORPORATION</u> |

*"THE ABOVE INFORMATION WILL BE USED FOR PURCHASE ORDERS"*

**REMIT TO ADDRESS:** 2201 College Avenue

**CITY:** Davie **STATE:** FL **ZIP:** 33317

**TELEPHONE:** (954) 472-4465 **FAX:** (954) 472-4425 **ALTERNATE PHONE:** (954) 410-3225

**COMPANY CONTACT NAME:** Allen Irvine **EMAIL ADDRESS:** airvine@thermalconcepts.com

**TYPE OF ORGANIZATION**

- |  |   |   |
|--|---|---|
| 1. <input checked="" type="checkbox"/> Corporation | 3. <input type="checkbox"/> Sole Proprietor | 5. <input type="checkbox"/> Government Agency |
| 2. <input type="checkbox"/> Partnership            | 4. <input type="checkbox"/> Individual      | 6. <input type="checkbox"/> Other: _____      |

**1099 REPORTING STATUS (Check One):**  Yes  No

**TAXPAYER IDENTIFICATION NUMBER:**

Employer Identification Number: 59 - 2317557

Print name of Taxpayer if using SS#: \_\_\_\_\_

**Under penalties of perjury, I certify that this statement is accurate and complete.**

Signature: Allen Irvine Title: Regional Vice President

Date: 04/20/2018 Phone: (954) 410-3225

# IRS FORM W-9 – TAXPAYER ID NUMBER AND CERTIFICATION

Form **W-9**  
 (Rev. November 2017)  
 Department of the Treasury  
 Internal Revenue Service

## Request for Taxpayer Identification Number and Certification

**Give Form to the  
 requester. Do not  
 send to the IRS.**

▶ Go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9) for instructions and the latest information.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. <b>THERMAL CONCEPTS, INC.</b>	
2 Business name/disregarded entity name, if different from above	
3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes. <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> C Corporation <input checked="" type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____ <small>Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.</small> <input type="checkbox"/> Other (see instructions) ▶ _____	4 Exemptions (codes apply only to certain entities; not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <small>(Applies to accounts maintained outside the U.S.)</small>
5 Address (number, street, and apt. or suite no.) See instructions. <b>2201 COLLEGE AVENUE</b>	Requester's name and address (optional)
6 City, state, and ZIP code <b>DAVIE, FLORIDA 33317</b>	
7 List account number(s) here (optional)	

Print or type.  
See Specific Instructions on page 3.

### Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

**Note:** If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number	
[ ] [ ] [ ] - [ ] [ ] - [ ] [ ] [ ] [ ]	
or	
Employer identification number	
5 9 - 2 3 1 7 5 5 7	

### Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

**Certification instructions.** You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

**Sign Here**

Signature of U.S. person ▶

*Allen J. Furr*

Date ▶ APRIL 9, 2018

### General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

**Future developments.** For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9).

### Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

• Form 1099-INT (Interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See *What is backup withholding*, later.

## **CHRISTOPHER BAWARO**

1311 EAST GOLFVIEW DRIVE PEMBROKE PINES, FL 33026

C: 9542908563 |

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### **WORK EXPERIENCE**

Employed with Thermal Concepts, Inc. for over twelve (12) years as a Service Technician. Currently Field Technician Supervisor for Commercial and Industrial projects. Broad industry experience includes troubleshooting, refrigerant management, and operational theory. Received numerous certifications with different manufacturers on specific equipment and attended factory schools. Overall 16 years in the HVAC industry.

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### **CERTIFICATIONS/SKILL SET**

Trane Intellipak Rooftop

Trane VRF Trane Centravac mechanical Service

Carrier Chiller

Carrier Charging Procedures and Controls

Johnson Controls YT/YK Chiller Compressor Overhaul

Danfoss Drive Training

Lochinvar Power Fin

Temsco Control

Lennox Certified DMS3 and DMS 4

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### **SKILLS**

- **Preventative Maintenance**
- **Troubleshooting**
- **Refrigerant Management**
- **Hydronics**
- **Control System Navigation**
- **Troubleshooting**
- **Theory Ventilation**
- **Chiller Overhaul (Trane/Carrier/ York**



CACO39621 CSC046951 CGCA07936

### City of Stuart Account Coverage Group

Allen D. Irvine, RVP of Service

Office: (954) 472-4465 ext. 257

Cell: (954) 410-3225

Email: [airvine@thermalconcepts.com](mailto:airvine@thermalconcepts.com)

Carol Burghardt, Office Manager

Office: (954) 472-4465 ext. 268

Cell: (954) 325-4500

Email: [cburghardt@thermalconcepts.com](mailto:cburghardt@thermalconcepts.com)

Greg Emerson, Account Manager.

Office: 772-220-2365 or 954-472-4465 Ext.509

Fax: 772-220-2273

Cell: (954) 931-3126

Email: [gemerson@thermalconcepts.com](mailto:gemerson@thermalconcepts.com)

### Service Operations

David Raiman

Service Operations Leader

Office: (954) 472-4465 ext. 294

Cell: (954) 605-1471

Email: [draiman@thermalconcepts.com](mailto:draiman@thermalconcepts.com)

### Service Dispatch/ Coordinators

Gil Crespo, Katie Dechert and Jymetria Davis

**Direct Line: 954-472-4465 ext. 1 - 7 days per week 365 days per year**

**Email: [dispatch@thermalconcepts.com](mailto:dispatch@thermalconcepts.com)**

# **THERMAL CONCEPTS, INC.**

**2201 College Avenue  
Davie, FL 33317**

**QUALITY ASSURANCE**

**and**

**QUALITY CONTROL**

**MANUAL**

**Phone: 954-472-4465  
Fax: 954-370-6410**

## **Section 1**

# **QUALITY POLICY**

**AND**

# **AUTHORITY**

## **Section 2**

# **MANAGEMENT RESPONSIBILITY**

## **Section 3**

# **QUALITY SYSTEMS**

**Section 4**

**PROJECT REVIEW**

**and**

**SETUP**

#### **4.4 PROJECT SETUP**

Upon award, the Project Manager shall immediately setup the project in accordance with the execution and staffing plan established during the proposal. All key staff members shall be notified and sent as much information concerning their responsibilities to the project as soon as possible.

The Project Manager shall develop a project QA/QC file containing the basic QA/QC manual and all related specific activities' QA/QC procedures and instructions. The project QA/QC manual shall be reviewed and approved by the QCM.

## **DOCUMENT CONTROL**

### **5.1 CONTROL OF QA/QC MANUALS, PROCEDURES and INSTRUCTIONS**

Specific QA/QC procedures and instructions for individual activities are maintained by the QCM and issued to Project Managers as controlled documents. It is the Project Manager's responsibility to ensure specific activity QA/QC procedures and instructions are conveyed to the individuals or subcontractors performing the specific activities.

Revisions to the QA/QC documents shall be by section and approved for adequacy by authorized personnel prior to issue. A revised table of contents indicating the newly issued approved and accepted revision shall accompany the revised sections. In the case of sample forms a revised "Listing of Exhibits" shall indicate the latest exhibit revisions.

The QCM shall ensure that:

- a) All pertinent issues of appropriate QA/QC documents are available at all locations where operations essential to the effective functioning of the quality system are performed;
- b) All obsolete documents are promptly removed from all points of issue or use.

A master list or equivalent document control procedure shall be established to identify the current revision of documents in order to preclude the use of non-applicable documents. Documents shall be re-issued after a practical number of changes have been made.

### **5.2 CONTROL OF PROJECT RELATED DOCUMENTS**

Upon award, each project is assigned a project number and the Project Manager establishes a "Project Job File". This file shall contain a complete set of all project related contract documents, specifications, drawings, etc. All information generated during the life of the project shall be maintained in this job file.

A listing shall be made of all drawings, specifications, vendor data, etc. that are to be submitted to the client for review and approval. A copy of all documents returned by the client approved, or approved as noted, shall be maintained in the job file.

Any revisions to the contract documents shall be date stamped on the date received and reviewed by the Project Manager for any possible impact to the project. All changes after contract award shall be properly documented and any associated addition or deduction to the contract price shall be immediately identified and submitted to the client for review and approval.

**Section 6**

**PURCHASING**

**and**

**MATERIAL CONTROL**

## **Section 7**

# **MATERIAL CERTIFICATION**

**and**

# **TRACEABILITY**

## **Section 8**

# **PROCESS CONTROLS**

Section 9

INSPECTION

AND

TESTING

#### **9.4 INSPECTION AND TEST RECORDS**

The Project Manager shall ensure that all records which give evidence that the work has passed specified inspection and / or testing acceptance criteria are maintained in the project QA/QC file for future reference.

#### **9.5 INSPECTION AND TEST STATUS**

The inspection and test status of the work shall be identified by using markings, authorized stamps, tags, labels, routing cards, inspection records, test software, physical location, or other suitable means, which indicate the conformance or nonconformance of work with regard to inspections and tests performed. The identification of inspection and test status shall be maintained, as necessary, throughout the project to ensure that all work has passed the required inspections and testing specified.

Records shall identify the inspection authority responsible for the release of conforming work.

## INSPECTION, MEASURING, and TEST EQUIPMENT

The QCM shall ensure that all inspection, measuring, and test equipment is controlled, calibrated, and maintained, whether owned by Thermal Concepts, Inc., on loan, or provided by the client. Equipment shall be used in a manner which ensures that measurement uncertainty is known and is consistent with the required measurement capability.

The QCM shall:

- a) Identify the measurements to be made, the accuracy required, and select the appropriate inspection, measuring, and test equipment;
- b) Identify, calibrate, and adjust all inspection, measuring, and test equipment and devices that can affect work quality at set intervals to ensure that certified equipment having a known valid relationship to nationally recognized standards - where no such standards exist, the basis used for calibration shall be documented;
- c) Establish, document, and maintain calibration procedures, including details of equipment type, identification number, location, frequency of checks, check method, acceptance criteria, and the action to be taken when results are unsatisfactory;
- d) Ensure that the inspection, measuring, and test equipment is capable of the accuracy and precision necessary;
- e) Identify inspection, measuring, and test equipment with a suitable indicator or approved identification record to show the calibration status;
- f) Maintain calibration records for inspection, measuring, and test equipment;
- g) Assess and document the validity of previous inspection and test results when inspection, measuring, and test equipment is found to be out of calibration;
- h) Ensure that the environmental conditions are suitable for the calibrations, inspections, measurements, and tests being carried out;
- i) Ensure that the handling, preservation, and storage of inspection, measuring, and test equipment is such that the accuracy and fitness for use is maintained;
- j) Safeguard inspection, measuring, and test facilities, including both test hardware and test software, from adjustments which would invalidate the calibration setting.

## Section 11

# CONTROL OF NONCONFORMING ACTIONS

and

# CORRECTIVE ACTIONS

### **11.3 CORRECTIVE ACTION**

The Project Manager shall establish, document, and maintain procedures for:

- a) Investigating the cause of nonconforming work and the corrective action needed to prevent recurrence;
- b) Analyzing all processes, work operations, concessions, quality records, service reports, and customer complaints to detect and eliminate potential causes of nonconforming work;
- c) Initiating preventative actions to deal with problems in relation to the risks encountered;
- d) Applying controls to ensure that corrective actions are taken and their effectiveness;
- e) Implementing and recording changes in procedures resulting from corrective actions.

## **AUDITS, RECORDS and TRAINING**

### **12.1 INTERNAL QUALITY AUDITS**

The QCM shall carry out internal audits to verify whether quality activities comply with planned arrangements and to determine the effectiveness of the quality system. The QCM shall maintain records on the performance and adequacy of each project's QA/QC activities.

Audits shall be scheduled on the basis of the status and importance of the activity. The audits and follow-up actions shall be carried out in accordance with documented procedures established to ensure improvement to overall company QA/QC program.

The results of the audits shall be documented and brought to the attention of the president within 10 days or sooner when critical action is required, after each internal quality audit. Each audit report shall have the actions started and planned by the QCM and Project Manager for any nonconforming activities found.

### **12.2 QUALITY RECORDS**

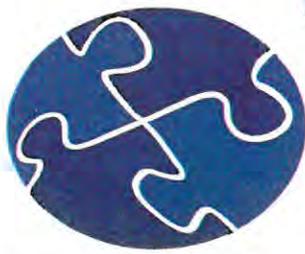
The QCM shall follow established procedures for identification, collection, indexing, filing, storage, maintenance, and disposition of quality records.

Quality records are to be maintained to demonstrate achievement of the required quality and the effective operation of the quality system. Pertinent sub-contractor quality records shall be an element of this data.

All quality records shall be legible and identifiable to the project involved. Quality records shall be stored and maintained in such a way that they are readily retrievable in facilities that provide a suitable environment to minimize deterioration or damage to prevent loss of the records. Retention times of quality records shall be a minimum of seven (7) years, longer if required by specific project requirements. Where agreed contractually quality records shall be made available for evaluation by the client.

### **12.3 TRAINING**

The QCM, the Project Managers and management are all responsible for identifying the training needs of all personnel performing activities affecting quality during production and installation. Personnel performing specific assigned tasks shall be qualified on the basis of appropriate education, training, and / or experience, as required. Appropriate records of training shall be maintained on each individual's training and qualifications.



# THERMAL

C O N C E P T S

*H V A C • R e f r i g e r a t i o n • D u c t w o r k*

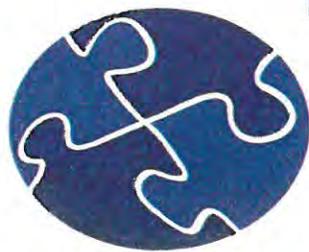
Thermal Concepts, Inc. was started by the Maurer family in 1983, predicated upon performing quality work in a professional manner. We believe in working as a team with General Contractors, Consultants, and Owners. The company for the first five years concentrated as a ductwork subcontractor providing and installing fiberglass and Sheet metal air distribution system for other mechanical contractors in order to gain experience and expertise in all phases of the HVAC industry.

Thermal Concepts, Inc. in 1989 became a full service Class "A" licenses air conditioning contractor (non union) performing work in the Dade, Broward, Palm Beach and surrounding counties. We have been servicing Centrifugal Chiller Plants, Computer Room Equipment, Refrigeration Systems, and Rooftop Systems for our Clients for over 25 years. We have two satellite offices one in Stuart, St. Lucie County and one in St. Petersburg that serves the West Coast of Florida.

All work from ductwork, HVAC piping, insulation, through installation of equipment is performed and supervised by employees on our direct payroll. In addition to field installations, the company operates a full service custom Sheet metal shop, Energy Management Controls Department and a world class Service Division to insure that our customer's equipment is kept in proper working order at all times. We have the capability and facilities to do work and projects of any kind and any size.

Your HVAC equipment is top notch, but without proper attention you will not be able to enjoy the years of trouble-free operation. The cost of our services are nominal compared with the substantial investment you have made in your air conditioning system and considering the many people and students who are dependent upon your system's continued proper performance.

**... People** – Our staff of 107 experienced services technicians and over 200 veteran employees work exclusively on HVAC products and are thoroughly schooled in design criteria, operational characteristics, and maintenance procedures. In addition, our nine (9) Account Managers staff provides important coordination on system and equipment troubleshooting. A fully capable clerical group provides all necessary back-up support. This makes Thermal Concepts the benchmark for Service Contractors in South Florida.



# THERMAL

C O N C E P T S

H V A C • R e f r i g e r a t i o n • D u c t w o r k

... **Expertise** – Working only on all major HVAC systems, our technicians' skills, knowledge and experience insures machines are set to exacting OEM standards. These technicians are truly experts in this highly specialized field.

Thermal Concepts, Inc. prides itself in doing the job right, timely and within budget!

**Our Motto “Whatever it Takes” to get the job done and our Customer satisfied.**

◆ **Providing maintenance and service for these and many more** ◆

Barry University  
Bay Parc Plaza  
Camillus House  
Citrix Systems  
City of Miami Beach  
Comcast  
Doris Ison Health  
Espirito Santo Plaza (ESP)  
Flamingo South Beach  
Florida Atlantic University (FAU)  
Hillel Community School  
Jewish Federation of Palm Beaches  
Johnson & Wales University  
Lauderhill Municipal Complex  
Memorial Cancer Institute  
Museum Tower  
St. Lucie Public Schools  
Doctors Charter School of Miami Shores  
Palm Beach County Bd. of Commissioners  
Camden Properties

Florida Keys Community College  
Seminole Hard Rock Casino  
Perez Art Museum  
South Pointe Tower  
Towers of Key Biscayne  
Regions Bank – Various Locations  
Tropical Fed Financial  
Ultimate Software  
University of Miami (UM)  
Visa International  
Yacht Club @ Brickell  
Brickell City Center  
School Board of Broward County  
City of North Miami  
Broward Health Systems  
Broward College  
Lupin Pharmaceuticals  
City of Hollywood  
Seminole Tribe of Florida  
Miami Science Museum



## **Thermal Concepts, Inc. Services Group**

provides the following...

- ❖ TOTAL MAINTENANCE PROGRAMS
- ❖ WATER TREATMENT PLANTS
- ❖ INDOOR AIR QUALITY SERVICES
- ❖ EQUIPMENT RETROFITS
- ❖ ENERGY MANAGEMENT SYSTEMS
- ❖ INSPECTION AGREEMENTS
- ❖ ASHRAE STANDARD 15 COMPLIANCE ASSISTANCE
- ❖ 24 HOUR EMERGENCY SERVICE
- ❖ PERFORMANCE CONTRACTING PROGRAMS
- ❖ ASHRAE GUIDELINE 3 DEVICES
- ❖ VARIABLE FREQUENCY DRIVES
- ❖ LIGHTING SYSTEM RETROFITS
- ❖ BUILDING AUTOMATION SYSTEMS
- ❖ EXTENDED WARRANTIES
- ❖ ANALYSES, SERVICES, EDDY CURRENT/ FREON / OIL BALANCING



CAC039621 CSCO46951 CGCA07936

## **RANGE OF SERVICES PROVIDED**

### **HEATING VENTILATION & AIR CONDITIONING**

Thermal Concepts, Inc. is an HVAC, Refrigeration and Ductwork expert specializing in Commercial and Industrial properties. Our extensive experience with all building occupancy types allows us to provide the full-spectrum of mechanical capabilities for new construction, service and retro-fit projects.

### **BUILDING AUTOMATION & CONTROLS**

We offer new and retro-fit installations, and ongoing service of Siemens, Schneider/Andover and Johnson Controls building automation products. These sophisticated systems provide building managers with the ability to centrally operate HVAC and Security equipment at the desired levels of safety and comfort while consuming the least amount of energy.

### **INSULATION**

We provide new and retro-fit installations of commercial insulation to serve our clients in the following ways: 1) increase the life and efficient operation of their mechanical equipment and associated parts, 2) create a safer work environment for their employees working near equipment that produces excessive noise and/or heat, and 3) provide the appropriate thermal barrier that facilitates the movement and/or containment of air temperature.

### **LED LIGHTING**

We are a lighting efficiency expert focused on delivering the guaranteed benefits of LEDs to our clients. Acting as a distributor or as a full-service retro-fit installer, we serve our clients by helping them reduce their energy consumption and expenses while increasing the quality of their lighting. Our partner relationships include manufacturers CREE, LumenPulse, MaxLite and Dauer – just to name a few.

### **METAL FABRICATION**

We are a metal fabrication expert specializing in all types of metal projects for many different industries. Our extensive experience allows us to deliver metal solutions for HVAC, electrical, plumbing, structural steel and just about any type of specialty fabrication. If you can draw it, we can build it.

THERMAL CONCEPTS, INC. - SERVICE DEPARTMENT

LAST NAME	FIRST NAME	SERVICE TECHNICIAN	EXPERIENCE	DATE HIRED	YRS. WITH COMPANY	CERTIFIED LICENSE	JOURNEMAN	UNION SCHOOL	EAP CARD	EXPERIENCE
ALVAREZ	JEFFREY	YES	35	10/13/2014	2			X	YES	Commercial/Refrigeration
AREVALO	CARLOS	YES	15	6/8/2005	11			X	YES	Insulation
BATISTA	JOSE	YES		9/30/2015	2					Installation
AZZARELLI	STEPHEN	YES	13	3/16/2009	7			X	YES	Chillers/Commercial/ Boilers
BAVARO	CHRISTOPHER	YES	12	8/8/2006	10			X	YES	Chillers/Commercial
BARRABI	GUILLERMO	YES	15	12/21/2015	3					Commercial/Refrigeration
BENITEZ	RAUL	YES	5	1/18/2016	1			X	YES	Light Commercial
BETANCOURT	JOSE	YES	15	12/21/2015	3				YES	Commercial
BILBOA	ANTHONY	YES		1/3/2006	2					Insulation
BLANCO	ALBERTO	YES		11/6/2017	5 months					Insulation
CALEDRON	CARLOS	YES	9	2/25/2015	1			X	YES	Residential
CHARLES	BYLL	YES	12	6/15/2006	12				YES	Insulation/Installation
CHAVEZ	DANNY	YES	15	9/2/2014	4					Insulation
CARDONA	CARLOS	YES	16	4/15/2002	14			X	YES	Chillers/Commercial
CASTRO	CHRISTIAN	YES	14	7/9/2001	15			X	YES	Installation Mgr.
CHUNG	SHANE	YES	25	3/23/2011	5				YES	Commercial/Boilers
CHERY	GERARD	YES	8	1/19/2015	1			X	YES	Light Commercial
DELVALLE	ALAIN	YES	4	8/25/2014					YES	Commercial
DIAS	OTIS	YES	20	8/14/2016	1					Commercial/Refrigeration
DISLA	JORGE	YES	8	5/8/2015	1				YES	Residential
EARLE	DAMEION	YES	8	10/17/2015	1			X	YES	Commercial
FARELL	PETER	YES	15	10/20/2014	2			X	YES	Chillers/Commercial
FERNANDEZ	ROBERT	YES	29	7/13/2010	7				YES	Chillers/Commercial
GAUCIN	ROBERTO	YES	25	6/5/2017	9 MONTHS				YES	Commercial/Refrigeration
GOMEZ	DARIL	YES	10	4/18/2016	1				YES	Residential
GORDON	ORD	YES	24	7/12/2010	7				YES	Commercial/Chillers/Refrigeration
GUZMAN	JORGE	YES	10	1/17/2005	12				YES	Commercial
GUZMAN	LUIS	YES		10/9/2013	5				YES	Commercial
HODGE	LEE	YES	28	7/15/2004	13				YES	Commercial
HUEGELE	RICHARD	YES	31	4/15/2000	17			X	YES	Commercial
JENNINGS	WILLIAM	YES	25	10/14/1997	19				YES	Commercial/Chillers/Refrigeration
KALLAL	KENNETH	YES	9	2/25/2013	4			X	YES	Commercial
KAOUK	GREGORY	YES	30	5/23/2013	4	MECH. CONT	YES	X	YES	Commercial/Chillers
KROSS	FRANK	YES	32	6/8/2012	5			X	YES	Commercial/Chillers
KRUEGER	STEVEN	YES	28	2/27/2014	3		YES	X	YES	Commercial
LAUFENBURG	BRYCE	YES	14	7/9/2012	5			X	YES	Commercial
LEIVA	ROBERTO			6/2/2016	2					Insulation
LUMBI	JOSE	YES	13	8/4/2008	9				YES	Commercial
MADRIZ	MARLON	YES	10	4/4/2016	2				YES	Commercial
MAGANA	EDDY	YES		10/8/2012	6				YES	Commercial/Ductwork
MANGIN	CHRIS	YES	5	2/18/2013	4				YES	Commercial
MAMNON	FRANZ	YES	5	11/7/2016	2					Residential
MCINNIS JR.	MARK	YES	6	2/18/2008	9				YES	Commercial
MUNIZ	RODOLFO	YES	30	3/28/2016	2.5			X	YES	Commercial
NATION	LEROY	YES		5/8/2013	3					Insulation
NESBURG	MARTIN	YES	31	1/2/2002	15			X	YES	Commercial/Chillers
NG	BING SHING	YES	30	3/27/2017	1			X	YES	Commercial/Chillers
NUNEZ	GABRIEL	YES	10	3/13/2014	4					Insulation
NUNEZ	LIZARDO	YES	5	10/30/2015	1				YES	Installation
OLESKI	DANIEL	YES	7	6/23/2008	9		YES		YES	Commercial/Chillers
OSORIO	JAMIE	YES	5	9/8/2014	4					Insulation
PADILLA	LUISANN	YES	10	9/6/2017	6 MONTHS					Insulation
PAEZ	JUAN	YES	30	3/10/1997	20			X	YES	Insulation
PENA	RAMON	YES	10	4/16/2008	9			X	YES	Installation
PINDER	SONNY	YES	4	4/10/2017	1			X	YES	Apprentice
POVEDA	GABRIEL	YES	6	6/4/2012	5			X	YES	Commercial
PREMERLANI	CHRISTOPHER	YES	10	7/22/2011	6				YES	Helper
REILLY	STEVEN	YES	15	8/25/2003	14			X	YES	Commercial/Chillers
RHODES	BRUCE	YES	20	12/11/2017	3 MONTHS					Commercial/Chillers
RODRIGUEZ	OSNAY	YES	10	9/13/2012	5			X	YES	Installation
ROMARIS	ALAIN	YES	15	8/28/2007	10			X	YES	Commercial
RUSSELL	CALVIN	YES	10	8/2/2013	5					Insulation
SAKHNOVSKY	MIKHAIL	YES	10	8/31/2016	2				YES	Commercial/Refrigeration
SANCHEZ	VICTOR	YES	10	11/3/2014	4					Insulation/Installation
SHOCKLEY	NICHOLAS	YES	15	8/25/2014	3				YES	Commercial
STOUKY	KEVIN	YES	30	3/2/1998	19				YES	Commercial
THOMPSON	NEVILLE	YES	30	3/9/2015	2				YES	Commercial
TORRES	CHRISTIAN	YES	10	8/30/2017	1					Insulation
TURNER	WILLIAM	YES	20	8/10/2015	2				YES	Commercial/Refrigeration
VANEGAS	GIOVANNI	YES	12	4/6/2006	12					Insulation/Installation
VASQUEZ JR.	JULIO	YES	20	9/23/2002	14				YES	Installation
VERNON	CHAUN	YES	2	4/10/2017	2			X	YES	Apprentice
WILLIAMS	CHANDI	YES	10	4/27/2015	2			X	YES	Commercial
WOODS	ROBERT	YES	35	10/1/1986	32				YES	Commercial
BASS	JIM	ACCT. MGR.	48	1/14/2011	17	MECH. CONTRACTOR		X	YES	
BENITEZ	JORGE	ACCT. MGR.	25	11/9/2015	3					
EMERSON	GREGORY	ACCT. MGR.	40	6/1/2005	13					
WOOD	CHRIS	ACCT. MGR.	15	4/3/2017	30				YES	Commercial
SCHRACK	DALE	ACCT. MGR.	30	1/29/2001	19					
ROMANIUK	CORY	ACCT. MGR.	40	4/7/2014	3					
SATTERFIELD	JOHN	BRANCH MGR.	30	10/6/1997	21					
LONDON	PHIL	SERVICE RES. VP	40	1/29/2001	17					
WILSON	SHELBY	ACCT. MGR.	15	11/29/2016	12					
MAURER	LAWRENCE D.	OWNER	35	4/11/1983	34	MECH. CONTRACTOR				
MAURER	JESSE M.	OWNER	35	4/11/1983	34	MECH. CONTRACTOR				
IRVINE	ALLEN	RVP	39	5/5/2014	4			X	YES	
MCHUGH	EDWARD	BRANCH OPER. MGR.	30	8/8/2017	6 MONTHS					
RAIMAN	DAVID	SERVICE OPER. MGR	20	8/10/2014	3					
BURGHARDT	CAROL	OFFICE MANAGER	20	9/9/2014	8					
			1522							



CACO39621 CSC046951 CGCA07936

At Thermal Concepts, Inc. we hire the best technicians in the market and give them extensive training to ensure the best for our clients. We meet all state requirements and environmental regulations. Our technicians ensure safety and OSHA requirements stringently. We dispatch our technicians via state of the art communication systems which include iPad, iPhones and GPS Tracking Systems. All of these things add to cost, but they ensure that we provide world class service. You ask, "What does that do for me?" We have found that our technicians discover and diagnose problems at a much faster rate than our competitors. Over the life of our relationship with a company this will save the client a significant amount of money. Our technicians are also trained to identify potential problems before they become catastrophic failures. Again, this is intended to save the client as much money as possible.

*THERMAL CONCEPTS INC, COMPLETE SERVICE CAPABILITIES*

- Start up and first year service
- Owner Training
- Large parts Inventory
- Preventive Maintenance and Full Maintenance
- Repair and 24 hour Emergency Service
- Centravac Motor Inspection, Repair and rewind
- Magnetic Overload Testing
- Oil Wear Metals Analysis
- Non-Destructive Tube Testing
- R-Tubing of Heat Exchangers
- Rebuilt or Remanufactured Compressors
- Control Modification
- Energy Management

CHEMICAL WATER TREATMENT

- a. Tower Systems
- b. Boiler Systems



EPA Institute

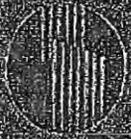
Program EPA Approved  
December 28, 1993

CERTIFICATE NO. 5926609163297

NAME: CHRIS BAVARO

UNIVERSAD

Technician as required by 40CFR part 82, subpart F.



ASHRAE

This series of

# Christopher Barré

has satisfied the continuing education course

## Three Centrifugal Chillers

Course number 55426

Chillers for operating theory, shaft layout and system, control system operations and control, plant survey, observations, maintenance, accumulated problems, centrifugal chillers, in Packaged and other refrigeration plants, capacity, speed, and shaft layout, load, troubleshooting, and observation, load, refrigerant, and observation, and observation.

October 25, 2008

3

October 25, 2008



**TRANE®**

This certifies that

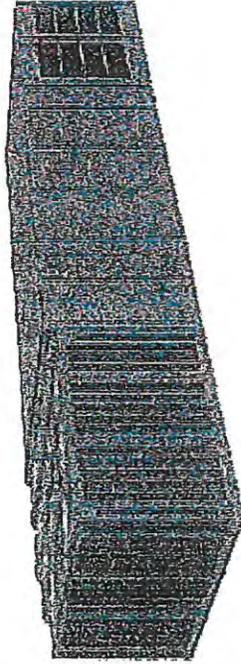
**Chris Bavaro**

has satisfactorily completed the course:

**Intellipak Rooftops**

*Session information included:*

In this two-day training course, attendees gained an understanding of the operation, maintenance issues, troubleshooting, custom test sequences, and an overview of operating parameters of IntelliPak<sup>®</sup> packaged rooftops. The training program also discussed scroll compressors, theory of ventilation, use of the human interface panel, and examination of unit diagnostics.



February 14 & 15, 2007

Date

Lou Zacccone, District Manager

**DAIKIN**



# Certificate of Completion

Awarded to

**Chris Bavaro**

For successfully completing the Daikin Applied training program

*Daikin Applied  
Rebel Rooftop Service*

*This 16th Day Of November 2017*

Daikin Applied has been approved as an Accredited Provider by the International Association for Continuing Education and Training (IACET)  
12100 Sunset Hills Rd # 130  
Reston, VA 20190  
PH: (703) 234-4065



**1.3 CEU's  
(Continuing Education Units)**

Course dates:

Nov 15 - 16, 2017

A handwritten signature in cursive script, appearing to read 'Steve Salgado'.

Service Training Manager  
Daikin Applied Learning Institute

**DAIKIN**



# Certificate of Completion

Awarded to

## Chris Bavaro

For successfully completing the Daikin Applied training program

*Daikin Applied MicroTech III  
for Applied Air Products*

*This 14th Day Of November 2017*

Daikin Applied has been approved as an Accredited Provider by the  
International Association for Continuing Education and Training (IACET)  
12100 Sunset Hills Rd # 130  
Reston, VA 20190  
PH: (703) 234-4065



**1.3 CEU's  
(Continuing Education Units)**

Course dates:

Nov 13 - 14, 2017

Service Training Manager  
Daikin Applied Learning Institute

# DUNHAM-BUSH

Products that perform...By people who care

~ Awards this ~

## ∞ Certificate ∞

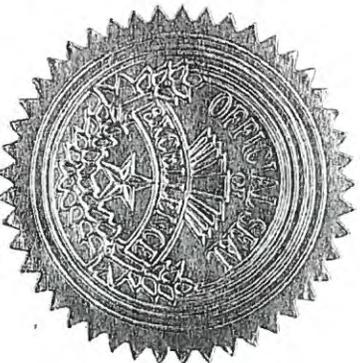
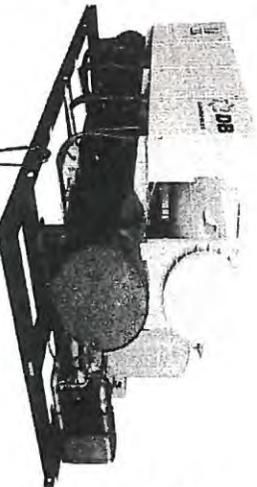
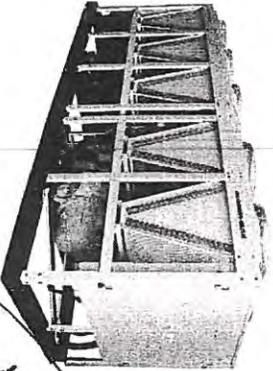
~ To ~

**Mr. Chris Bavaro**

On this the 27<sup>th</sup> day of October, 2017

In recognition for satisfactory completion of the

**Rotary Screw Chiller Training Seminar**



This certificate shall be valid for a period of three years from the above date.

Service Manager  
Mr. Nemury Valladeras



COMFORT FOR LIFE

# Certificate of Completion

Awarded to  
Chris Bavaro

For successfully completing

VRV Service & Troubleshooting Level 1

10/18/2017

Date

JOEL SHEFFIELD

Trainer

10/18/2019

Expiration Date

16

Professional Development  
Hours

Electronically Signed By:





This certificate is proudly presented to

**Chris Bavaro**

for successfully completing the

**CITY MULTI Service Course**

Mitsubishi Electric Cooling & Heating is authorized by IACET to offer **2.40 CEUs** for this course.

Training completed on 8/9/2017



# Certificate of Training

January 29<sup>th</sup> - 31<sup>th</sup>, 2018



Presents this certificate to

**Christopher Bavaro**

In recognition of successfully completing the  
Following with outstanding achievement

**MCS-Magnum HVAC Software, Hardware Troubleshooting,  
MCS-Connect & Hanbell Screw Compressor Training**

A handwritten signature in black ink, appearing to read "Brian Walterick".

Brian W. Walterick  
President

A handwritten signature in black ink, appearing to read "Bret C. Lai".

Bret C. Lai  
Application Engineer Manager



# YT/YK York Centrifugal Chillers and Compressor Overhaul

**3.0 CEU**

**Awarded to**  
*Christopher Bavaro*



*Jimmie C. Riley*  
*Don Amant*

Course Administrator

*Tom [Signature]*

Manager, Learning and Development

Class End Date

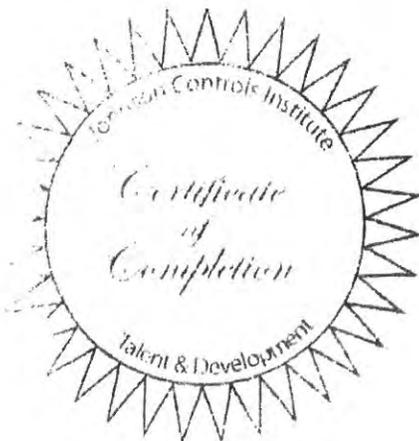
Date



# YT/YK York Centrifugal Chillers and Compressor Overhaul

**3.0 CEU**

**Awarded to**  
*Christopher Bavaro*



*Jimmie C. Riley*  
*Don Amant*

Course Administrator

*Tom [Signature]*

Manager, Learning and Development

Class End Date

Date

# Certificate of Completion

*Presented to:*

Christopher Bavaro

*in recognition of completing factory training on AAOV  
Air Conditioning Equipment and becoming a  
Factory Trained Service Technician*

*Issued this 4th day of October, 2016 at AAOV, Inc., Tulsa, Oklahoma*



*Bobby Barnett*

Bobby Barnett, Instructor

**WattMaster**  
C O N T R O L S

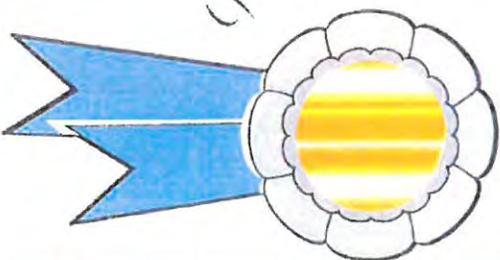
# Certificate

*Let it be known that Chris Baran  
Has Successfully Completed the*

\*\*\*  
**Orion**  
**Control Systems**

*Training Program Conducted  
September 13th through 15th, 2016  
in Parkville, Missouri*

*Jermiolewy Bee*  
Instructor



# Certificate of Completion

Awarded to  
Chris Bavaro

For successfully completing  
VRV IV Commissioning

8/10/2017

8/10/2019

Date

Expiration Date

FLOYD SHASTEEN

8

Trainer

Professional Development  
Hours

Electronically Signed By:



TRAINING  
PROVIDER

# Certificate of Completion

Awarded to

Chris Bavaro

For successfully completing

VRV IV Install

8/9/2017

8/9/2019

Date

Expiration Date

FLOYD SHASTEEN

16

Trainer

Professional Development  
Hours

Electronically Signed By:



TRAINING  
PROVIDER

# Certificate of Excellence

*This document certifies that*

**CHRIS BAYARO**

*has successfully completed the*

**Basic Service Training Course**

*December 18, 2014*  
Date of Completion

**SMARDT**  
*Danfoss*  
**TURBOCOR**

  
Technical Service Supervisor

# Certificate of Excellence

*This document certifies that*

**CHRIS BAYARO**

*has successfully completed the*

**Basic Service Training Course**

**SMART**

*Danfoss*

**TURBOCOR**

*December 18, 2014*

Date of Completion



Technical Service Supervisor



awards this

# *Certificate of Achievement*

to

*Chris Bavaro*

for completing the requirements of the

*AquaSnap Air-Cooled Liquid Chillers (30 Series)  
Training*

*11/15/2006 - 11/16/2006*



1.5 CEUs  
Provider #6388

*Greg J. Reiber*

Reiber



awards this

# *Certificate of Achievement*

to

CHRISTOPHER BAVARO

for completing all the requirements of the

CHARGING PROCEDURES AND CONTROLS

  
INSTRUCTOR

MAY 05 2001  
DATE

CARRIER OF F.I.A.  
DISTRIBUTOR



**TRANE®**

Dear Chris,

Thank you for attending the Trane Advantage VRF Installer Certification class we held in South Florida. We hope you found the material insightful and that our comprehensive training will fully prepare you to support and install our complete line of Trane VRF Advantage products. Enclosed is your certification card. This will qualify the systems you install for Trane's 5 year VRF warranty. Please accept my thanks for your continued support and welcome to the Trane Advantage VRF family!

Thank you,  
Jay Broadrick  
VRF Technical Support Engineer  
Global Sourced Products  
Trane  
Ingersoll Rand  
2701 Wilma Rudolph Blvd.  
Clarksville, TN. 37040  
USA  
Office: 1.931.648.5948  
Cell: 1.270.604.7137  
Email: [jay.broadrick@lrco.com](mailto:jay.broadrick@lrco.com)  
Website: [www.trane.com](http://www.trane.com)



Trane Advantage VRF Certified Installer  
Chris Bavaro  
TVRF32505061CB  
has completed Trane's Intensive Installer training and  
as such is qualified to install Trane Advantage VRF Systems.

  
John Willis

  
Dave Patlovich

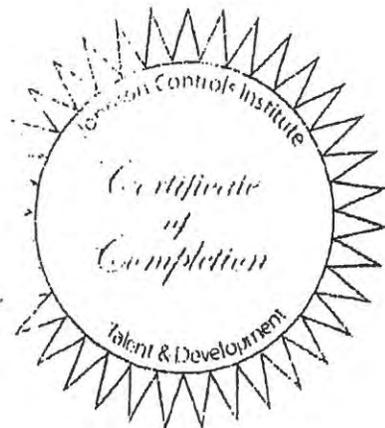
  
Ingersoll Rand



# YT/YK York Centrifugal Chillers and Compressor Overhaul

3.0 CEU

Awarded to  
*Christopher Bavaro*



*Jimmie C. Riley*  
*Don Amant*

Course Administrator

*Tom R...*

Manager, Learning and Development

Class End Date

Date

## **CHRISTOPHER BAARO**

---

1311 EAST GOLFVIEW DRIVE PEMBROKE PINES, FL 33026

C: 9542908563 |

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### **WORK EXPERIENCE**

Employed with Thermal Concepts, Inc. for over twelve (12) years as a Service Technician. Currently Field Technician Supervisor for Commercial and Industrial projects. Broad industry experience includes troubleshooting, refrigerant management, and operational theory. Received numerous certifications with different manufacturers on specific equipment and attended factory schools. Overall 16 years in the HVAC industry.

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### **CERTIFICATIONS/SKILL SET**

Trane Intellipak Rooftop

Trane VRF Trane Centravac mechanical Service

Carrier Chiller

Carrier Charging Procedures and Controls

Johnson Controls YT/YK Chiller Compressor Overhaul

Danfoss Drive Training

Lochinvar Power Fin

Temsco Control

Lennox Certified DMS3 and DMS 4

---

### **SKILLS**

- **Preventative Maintenance**
- **Troubleshooting**
- **Refrigerant Management**
- **Hydronics**
- **Control System Navigation**
- **Troubleshooting**
- **Theory Ventilation**
- **Chiller Overhaul (Trane/Carrier/ York**