

EXHIBIT A
BID FORM

BID NUMBER: 21-980

BID OPENING DATE: 2:00 pm, Wednesday, February 10, 2021

TO: The County Commissioners, County of Alachua:

The undersigned, as Contractor, hereby declares that he has carefully read and examined the specifications and with full knowledge of all conditions, under which the equipment and services herein contemplated must be furnished, hereby proposes and agrees to furnish the equipment and services according to the requirements as set out in the specifications for said equipment and service:

DESCRIPTION	AMOUNT BID
BASE BID – 1	\$ 67,452.00
Total Bid (add all rows above)	\$ 67,452.00

Acknowledge Receipt of Addendum(s) (if applicable circle):

#1 Yes No #2 Yes No #3 Yes No #4 Yes No

Bidder: Philip Garces Company: Siemens Industry, Inc.

Address: 8940 Western Way, Suite 1 Jacksonville, FL 32256

Authorized Signature:  Title: Account Executive

Clearly Print Name: Philip Garces

Phone: 904-608-4841 Fax: _____ Date: 2/9/2021

Email Address: philip.garces@siemens.com

EXHIBIT B

(Insert Name of Corporation)

**CORPORATE RESOLUTION
GRANTING SIGNING AUTHORITY
AND AUTHORITY TO CONDUCT BUSINESS**

The Board of Directors ("Directors") of Siemens Industry, Inc., a
(insert name of company)
Delaware corporation (the "Corporation"), at a duly and properly
(insert state of incorporation)

held meeting on the 9th day of February, 2021, did hereby consent to, adopt,
ratify, confirm and approve the following recitals and resolutions:

WHEREAS, the Corporation is a duly formed, validly existing corporation in good standing under the laws of
the State of Delaware and is authorized to do business in the State of Florida; and

WHEREAS, the Corporation desires to grant certain persons the authority to execute and enter into contracts and
conduct business on behalf of the Corporation.

NOW, THEREFORE, BE IT RESOLVED, that any of the following officers and employees of the Corporation
listed below are hereby authorized and empowered, acting along, to sign, execute and deliver any and all contracts
and documents on behalf of the Corporation, and to do and take such other actions, including but not limited to
the approval and execution of contracts, purchase orders, amendments, change orders, invoices, and applications
for payment, as in his or her judgment may be necessary, appropriate or desirable, in connection with or related
to any bids, proposals, or contracts to, for or with to Alachua County, a charter county and political subdivision
of the State of Florida:

NAME

TITLE

Joshua Hudanish

Branch Manager

BE IT RESOLVED THAT, these resolutions shall continue in full force and effect, and may be relied upon by Alachua County, until express written notice of their rescission or modification has been received by the Procurement Manager of Alachua County. Any revocation, modification or replacement of these resolutions must be accompanied by documentation satisfactory to the Procurement Manager of Alachua County, establishing the authority for the changes.

IN WITNESS WHEREOF, I have executed my name as Secretary and have hereunto affixed the corporate seal of the above-named Corporation this 9th day of February, 2021, and do hereby certify that the foregoing is a true record of a resolution duly adopted at a meeting of the Board of Directors of the Corporation and that said meeting was held in accordance with state law and the Bylaws of the Corporation, and that the resolution is now in full force and effect without modification or rescission.

(Corporate Seal) Secretary of the Corporation

By: *Joshua Hudanish*

Joshua Hudanish

(Print Secretary's Name)



EXHIBIT C

PUBLIC RECORD DECLARATION OR CLAIM OF EXEMPTION

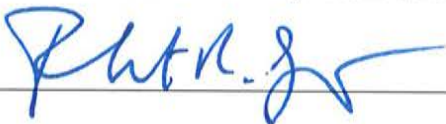
As a bidder or proposer, any document you submit to Alachua County may be a public record and be open for personal inspection or copying by any person. In Florida 'public records' are defined as all documents, papers, letters, maps, books, tapes, photographs, films, sound recordings, data processing software, or other material, regardless of the physical form, characteristics, or means of transmission, made or received pursuant to law or ordinance or in connection with the transaction of official business by any agency. Section 119.011, F.S. A document is subject to personal inspection and copying unless it falls under one of the public records exemptions created under Florida law. Please designate what portion of your bid or proposal, if any, qualifies to be exempt from inspection and copying:

(Execute either section I. or II, but not both; bidder may not modify language)

I. NO EXEMPTION FROM PUBLIC RECORDS LAW

No part of the bid or proposal submitted is exempt from disclosure under the Florida public records law, Ch. 119, F.S.

Bidder's Signature: _____



Date: 2/9/2021

--- OR ---

II. EXEMPTION FROM PUBLIC RECORDS LAW AND AGREEMENT TO INDEMNIFY AND DEFEND ALACHUA COUNTY

The following parts of the bid or proposal submitted are exempt from disclosure under the Florida public records law because: (list exempt parts and legal justification. i.e. trade secret):

By claiming that all or part of the bid or proposal is exempt from the public records law, the undersigned bidder or proposer agrees to protect, defend, indemnify and hold the County, its officers, employees and agents free and harmless from and against any and all claims arising out of a request to inspect or copy the bid or proposal. The undersigned bidder or proposer agrees to investigate, handle, respond to, provide defense (including payment of attorney fees, court costs, and expert witness fees and expenses up to and including any appeal) for and defend any such claim at its sole cost and expense through counsel chosen by the County and agrees to bear all other costs and expenses related thereto, even if they (claims, etc.) are groundless, false, or fraudulent.

Bidder's Signature: _____

Date: _____

EXHIBIT D

Small Business Enterprise (SBE) Program Participation Form

BID NUMBER: 21-980 Design-Build for the HVAC System @ Camp Cuscowilla - Project #8204102

OPTION 1

I certify that our Company is an Alachua County Certified Small Business Enterprise (SBE) registered prior to the Bid opening.

Circle One:

Yes (If yes, complete and sign the last page of this Exhibit)

No (If No, proceed to Option 2).

OPTION 2

I certify that our Company will perform ALL work and that no subcontractors will be utilized for this bid.

Circle One:

Yes (If yes, complete and sign the last page of this Exhibit)

No (If No, proceed to Option 3.)

EXHIBIT D

BID NUMBER: 21-980 Design-Build for the HVAC System @ Camp Cuscowilla - Project #8204102

OPTION 3

SBE Participation. I certify that our Company has contacted the Alachua County's Certified SBEs listed below. I state that the following information regarding SBE Subcontractors is true and correct to the best of my knowledge and belief.

Alachua County has adopted a 15% SBE participation goal and policies which encourage participation of Small Business Enterprises (SBE) in the provision of labor, time, supplies, services or construction items of any kind materials.

SBEs are located in the Alachua County Small Business Enterprise Directory.

Subcontractor (any business entity holding a subcontract with the prime vendor) services are defined as, "a contract with another business entity that obtains labor, time, supplies, services or construction items of any kind."

Vendors submitting bids under this solicitation are to identify the intended SBE subcontractors. These SBEs have agreed to perform the work for the total dollar value and percentage of the bid set forth below.

If SBE subcontractors are not utilized and listed below or if option 1 or 2 was not chosen, you must proceed to Option 4 and document your Good Faith Effort.

SBE Name of Contractor: _____

Address: _____

Scope of Work to be Performed: _____

Total \$ Value: \$ _____ % of Total BID/RFP: _____ %

SBE Name of Contractor: _____

Address: _____

Scope of Work to be Performed: _____

Total \$ Value: \$ _____ % of Total BID/RFP: _____ %

SBE Name of Contractor: _____

Address: _____

Scope of Work to be Performed: _____

Total \$ Value: \$ _____ % of Total BID/RFP: _____ %

EXHIBIT D

BID NUMBER: 21-980 Design-Build for the HVAC System @ Camp Cuscowilla - Project #8204102

OPTION 4

SBE Good Faith Effort. To be considered responsive all Vendors should have SBE Participation or demonstrate a good faith effort to utilize SBE subcontractors. If option 1, 2 or 3 was not chosen the Vendor should complete the section below substantiating compliance with good faith effort requirements.

In accordance with Section 22.11-207, of the Alachua County Procurement Code, I have solicited and received responses from the following Alachua County certified SBE companies. (The SBE vendor's response should be recorded in the section below.)

Name of SBE Company: _____

Date SBE Contacted: _____

SBE Contact Name and Phone #: _____

SBE Response when contacted: _____

Name of SBE Company: _____

Date SBE Contacted: _____

SBE Contact Name and Phone #: _____

SBE Response when contacted: _____

Name of SBE Company: _____

Date SBE Contacted: _____

SBE Contact Name and Phone #: _____

SBE Response when contacted: _____

Name of SBE Company: _____

Date SBE Contacted: _____

SBE Contact Name and Phone #: _____

SBE Response when contacted: _____

Name of SBE Company: _____

Date SBE Contacted: _____

SBE Contact Name and Phone #: _____

SBE Response when contacted: _____

EXHIBIT D

BID NUMBER: 21-980 Design-Build for the HVAC System @ Camp Cuscowilla - Project #8204102

**I as the undersigned Vendor certify that I have completed one of the option(s) below
(Circle One):**

OPTION 1

OPTION 2

OPTION 3

OPTION 4

If you are unable to certify that, you have completed to the best of your knowledge and belief OPTION 1, OPTION 2, OPTION 3 or OPTION 4, CALL (48 hours prior to bid opening) Procurement at 352.374.5202, for direction.

Vendor Name: Siemens Industry, Inc. Date: 2/9/2021

Signature:  Title: Account Executive

Printed Name: Philip Garces

EXHIBIT E

ALACHUA COUNTY GOVERNMENT MINIMUM WAGE (GMW) FORM

BID 21-980 Design-Build for the HVAC System @ Camp Cuscowilla - Project #8204102


The undersigned certifies that all employees, contracted and subcontracted, completing services as part of this Bid/RFP are paid, and will continue to be paid, in accordance with Chapter 22, Article 12 of the Alachua County Code.

Please mark the appropriate box below that applies to how you pay your employees:

- ☒ Employees involved with Alachua County projects are paid a minimum of **\$14.50** hourly or the current prevailing wage and are provided health benefits?
- ☐ Employees involved with Alachua County projects are paid a minimum of **\$16.50** hourly or the current prevailing wage but are not provided health benefits?

Bidder: Philip Garces Company: Siemens Industry, Inc.

Address: 8940 Western Way, Suite 1 Jacksonville, FL 32256

Authorized Signature:  Title: Account Executive

Clearly Print Name: Philip Garces

Phone: 904-608-4841 Fax: _____ Date: 2/9/2021

Email Address: philip.garces@siemens.com

EXHIBIT F
DRUG FREE WORKPLACE

Florida Statute, Section 287.087 states that whenever two or more bids, proposals, or replies that are equal with respect to price, quality, and service are received by the state or by any political subdivision for the procurement of commodities or contractual services, a bid proposal, or reply received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process.

The undersigned vendor in accordance with §287.087, Florida Statute hereby certifies that

Siemens Industry, Inc.

Name of Business

Does:

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.



Bidder's Signature

2/9/2021

Date

EXHIBIT G**Proposed Subcontractors (Non-Small Business Enterprise) Form****BID NUMBER: 21-980 Design-Build for the HVAC System @ Camp Cuscowilla - Project #8204102**

This form is for all Non-Small Business Enterprise subcontractors being utilized on this project that are not included on Exhibit D.

Name of Contractor: _____

Address: _____

Scope of Work to be Performed: _____

Total \$ Value: \$ _____ % of Total BID/RFP: _____ %

Name of Contractor: _____

Address: _____

Scope of Work to be Performed: _____

Total \$ Value: \$ _____ % of Total BID/RFP: _____ %

Name of Contractor: _____

Address: _____

Scope of Work to be Performed: _____

Total \$ Value: \$ _____ % of Total BID/RFP: _____ %

Name of Contractor: _____

Address: _____

Scope of Work to be Performed: _____

Total \$ Value: \$ _____ % of Total BID/RFP: _____ %

If additional space is required for your subcontractor listing, make copies of this **Exhibit G** and submit with you bid package.

EXHIBIT H
BIDDER'S QUESTIONNAIRE

Bidder's Name: Siemens Industry, Inc.

Bidder's Address: 8940 Western Way, Suite 1 Jacksonville, FL 32256 Phone: 904-608-4841

Number of years in this type of service? 100+ Number of years licensed in Alachua County: 15+

Number of employees "ON THE JOB" each week: 42 Number of employees "ON CALL" each week: 2

Will you subcontract any part of this work: Yes ☐ No ☒

If so, give details:

List all major equipment which will be available upon commencement of the agreement to perform the required service: Mitsubishi

Do you currently hold any municipality contracts: ☒ Yes ☐ No

If so, please indicate below:

TIAA Bank Field, State of Florida

List three references of firms receiving similar service to that requested in this bid (comparable facility size):

1) Firm: Valencia Community College Phone: 407-582-1707

Contact Person: Lamar Powers

2) Firm: Broward County School Board Phone: 754-321-4655

Contact Person: Anthony Purificato

3) Firm: Suwanee County Phone: 386-364-6524

Contact Person: Marcus Dunham

Are your employees screened by: (indicate below)

1) Polygraph

2) General Interview

3) Background Investigation

4) Police Record Check

5) Additional

Have any leases, contracts or agreements for services held by your firm ever been canceled or terminated before the end of the term by either party: Yes ☐ No ☒ X. If the answer is yes, state the location and circumstances on an "attachment" to this questionnaire.

What constitutes your normal business days and working hours: Mon-Fri 8-5

Describe below, your firm's operational plan for providing the services under this agreement:

Regular business hours, 8-5. Demo the units and install 1 bldg per 2 days with commissioning and checkout.

The undersigned swears to the truth and accuracy of all statements and answers contained herein:

DATE: 2/9/2021 AUTHORIZED SIGNATURE: 

EXHIBIT I
RESPONSIBLE AGENT FORM

The Contractor shall designate a responsible agent and alternate as necessary, for all dealings, communications, or notices or contracts between Alachua County and the contractor by completing and returning this Responsible Agent Form. Any notice or communication to or from the responsible agent shall be deemed to be a communication to the contractor

RESPONSIBLE AGENT: Philip Garces

ADDRESS: 8940 Western Way, Suite 1 Jacksonville, FL 32256

PHONE NO.: 904-608-4841

FAX NO.: _____

EMAIL ADDRESS: philip.garces@siemens.com

ALTERNATE RESPONSIBLE AGENT: James Bradshaw

ADDRESS: 8940 Western Way, Suite 1 Jacksonville, FL 32256

PHONE NO.: 904-616-8062

FAX NO.: _____

EMAIL ADDRESS: jamesbradshaw@siemens.com

SIGNED:  _____ DATE: 2/9/2021

EXHIBIT J

TYPE "A" INSURANCE REQUIREMENTS

"ARTISAN CONTRACTORS / SERVICE CONTACTS"

The Contractor shall procure and maintain for the duration of this contract insurance against claims for injuries to persons or damages to property, which may arise from or in connection with the performance of the work hereunder by the contractor/vendor, his agents, representatives, employees or subcontractors.

COMMERCIAL GENERAL LIABILITY

Coverage must be afforded under a per occurrence form policy for limits not less than \$1,000,000 General Aggregate, \$1,000,000 Products / Completed Operations Aggregate, \$1,000,000 Personal and Advertising Injury Liability, \$1,000,000 each Occurrence, \$50,000 Fire Damage Liability and \$5,000 Medical Expense.

AUTOMOBILE LIABILITY

Coverage must be afforded including coverage for all Owned vehicles, Hired and Non-Owned vehicles for Bodily Injury and Property Damage of not less than \$1,000,000 combined single limit each accident.

WORKERS COMPENSATION AND EMPLOYER'S LIABILITY

Coverage to apply for all employees at STATUTORY Limits in compliance with applicable state and federal laws; if any operations are to be undertaken on or about navigable waters, coverage must be included for the USA Longshoremen & Harbor Workers Act.

Employer's Liability limits for not less than \$100,000 each accident; \$500,000 disease policy limit and \$100,000 disease each employee must be included.

BUILDER'S RISK / INSTALLATION FLOATERS (when applicable)

When this contract or agreement includes the construction of and/or the addition to a permanent structure or building; including the installation of machinery and/or equipment, the following insurance coverage must be afforded:

Coverage Form: Completed Value, All Risk in an amount equal to 100% of the value upon completion or value of equipment to be installed.

When applicable: Waiver of Occupancy Clause or Cessation of Insurance clause. Flood Insurance as available under the

National Flood Insurance Program.

EMPLOYEE FIDELITY COVERAGE (only applicable to vendors whose employees handle funds)

Employee Dishonesty coverage must be afforded for not less than \$500,000 Blanket all employees ISO Form

OTHER INSURANCE PROVISIONS

The policies are to contain, or be endorsed to contain, the following provisions:

I Commercial General Liability and Automobile Liability Coverages

a. The Alachua County Board of County Commissioners, its officials, employees and volunteers are to be covered as an Additional Insured as respects: Liability arising out of activities performed by or on behalf of the Contractor/Vendor; to include Products and/or Completed Operations of the Contractor/Vendor; Automobiles owned, leased, hired or borrowed by the Contractor.

b. The Contractor's insurance coverage shall be considered primary insurance as respects the County, its officials, employees and volunteers. Any insurance or self-insurance maintained by the County, its officials, employees or volunteers shall be excess of Contractor/Vendor's insurance and shall be non-contributory.

II All Coverages

The Contractor/Vendor shall provide a Certificate of Insurance to the County with a notice of cancellation. The certificate shall indicate if cover is provided under a "claims made" or "per occurrence" form. If any cover is provided under claims made from the certificate will show a retroactive date, which should be the same date of the contract (original if contract is renewed) or prior.

SUBCONTRACTORS

The Contractor/Vendor shall be responsible for all subcontractors working on their behalf as a condition of this agreement. All subcontractors of the Contractor/Vendor shall be subject to the same coverage requirements stated herein.

CERTIFICATE HOLDER: Alachua County Board of County Commissioners

MAIL, EMAIL or FAX CERTIFICATES

The Certificate of Insurance must contain the following:

Department Contact: **Danny Moore**

Department: **Facilities Management**

Dept. Contact Phone: **352-374.5229**

Dept. Contact Email: jdmoores@alachuacounty.us

Written Quote: **BID 21-980 Design-Build for the HVAC System @ Camp Cuscowilla - Project #8204102**



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
10/14/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER MARSH USA, INC. 445 SOUTH STREET MORRISTOWN, NJ 07960-6454		CONTACT NAME: PHONE (A/C, No, Ext): E-MAIL ADDRESS:	
CN102147003-RAM--20/21 228 LEVER		INSURER(S) AFFORDING COVERAGE	
INSURED SIEMENS INDUSTRY, INC. 1000 DEERFIELD PARKWAY BUFFALO GROVE, IL 60089-4513		NAIC #	
		INSURER A : HDI Global Insurance Company 41343	
		INSURER B : Travelers Property Casualty Co. of America 25674	
		INSURER C : The Travelers Indemnity Company 25658	
		INSURER D :	
		INSURER E :	
		INSURER F :	

COVERAGES **CERTIFICATE NUMBER:** NYC-010391952-38 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			GLD11101-12	10/01/2020	10/01/2021	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 100,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 10,000,000 PRODUCTS - COMP/OP AGG \$ INCL \$
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input checked="" type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			TC2J-CAP-7440L34A-TIL-20	10/01/2020	10/01/2021	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 BODILY INJURY (Per person) \$ N/A BODILY INJURY (Per accident) \$ N/A PROPERTY DAMAGE (Per accident) \$ N/A \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input type="checkbox"/> RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
B C B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y / N <input checked="" type="checkbox"/> N	N / A	UB-8P83929A-20-51-K (AOS) UB-8P79233A-20-51-R(AZ, MA, OR, WI) TWXJ-UB-7440L338-20 (OH) *****\$500K LIMIT / \$500K SIR*****	10/01/2020 10/01/2020 10/01/2020	10/01/2021 10/01/2021 10/01/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

EVIDENCE OF COVERAGE

PLEASE SEE LAST BOX OF ACORD 25 FOR INFORMATION REGARDING PROFESSIONAL LIABILITY.

CERTIFICATE HOLDER**CANCELLATION**SIEMENS INDUSTRY, INC.
1000 DEERFIELD PARKWAY
BUFFALO GROVE, IL 60089

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE
of Marsh USA Inc.

Manashi Mukherjee

Manashi Mukherjee

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Ron DeSantis, Governor

Halsey Beshears, Secretary



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

CONSTRUCTION INDUSTRY LICENSING BOARD

THE MECHANICAL CONTRACTOR HEREIN IS CERTIFIED UNDER THE
PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

LANZILLO, EDWARD JEROME

SIEMENS INDUSTRY INC
3021 N COMMERCE PARKWAY
MIRAMAR FL 33025

LICENSE NUMBER: CMC056249

EXPIRATION DATE: AUGUST 31, 2022

Always verify licenses online at MyFloridaLicense.com



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Ron DeSantis, Governor

Halsey Beshears, Secretary



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

ELECTRICAL CONTRACTORS LICENSING BOARD

THE ELECTRICAL CONTRACTOR HEREIN IS CERTIFIED UNDER THE
PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

JORDAN, MATTHEW WILLIAM

SIEMENS INDUSTRY, INC.
119 HAMILTON PARK DRIVE, UNIT 6
TALLAHASSEE FL 32304

LICENSE NUMBER: EC13005752

EXPIRATION DATE: AUGUST 31, 2022

Always verify licenses online at MyFloridaLicense.com



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Ron DeSantis, Governor

Halsey Beshears, Secretary



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

ELECTRICAL CONTRACTORS LICENSING BOARD

THE ALARM SYSTEM CONTRACTOR I HEREIN IS CERTIFIED UNDER THE
PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

KITCHENS, GREGORY F

SIEMENS INDUSTRY INC
8940 WESTERN WAY
JACKSONVILLE FL 32256

LICENSE NUMBER: EF0000711

EXPIRATION DATE: AUGUST 31, 2022

Always verify licenses online at MyFloridaLicense.com



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PROPOSAL

Alachua McConnel Center

PREPARED BY

Siemens Industry, Inc.

PREPARED FOR

ALACHUA COUNTY- Board of County Commissioners

DELIVERED ON

February 09, 2021



Your tenants can focus more on their business when your building is focused more on their needs.

Creating perfect places to work. That's ingenuity for life.

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Contact Information

Proposal #:	5122026
Date:	February 09, 2021

Sales Executive:	Philip R. Garces
Branch Address:	8940 Western Way Suite 1 Jacksonville, FL , 32256
Telephone:	904-608-4841
Email Address:	philip.garces@siemens.com

Customer Contact:	Board of County Commisioners
Customer:	ALACHUA COUNTY
Address:	12 SE 1ST ST
	GAINESVILLE FL 32601-6826
Services shall be provided at:	Camp Cuscowilla- Project #8204102

Scope of Work

This proposal provides qty (11) wall mounted mini-splits, re use-breakers, controls, refrigerant piping , and condenser to provide air conditioning for the residences at the Camp Cuscowilla . All work to be done during normal business hours. A total of 6 buildings, 11 units are included in this proposal. Siemens to disconnect the existing condensers, evacuate the refrigerant and provide to Alachua county. Siemens to cap the dx lines and leave the existing AHU in the attic. Siemens to re-use the DX hole penetration and 30 amp fused breaker for the single point power connection mini-splits. Siemens will remove all debris from the site and dispose of per EPA regulations.

CRITICAL COMPONENTS IN DESIGN TAKEN INTO ACCOUNT/BID SELECTION:

- 3 ton LOAD for COOLING AND HEATING - LOAD CALCULATED PER MANUAL J by ENGINEERING TEAM
- INDIVIDUAL CONTROL PER AIR HANDLER -THERMOSTAT WITH SCHEDULE
- PROTECTIVE COATING ON ALL CONDENSER COILS
- DISCONNECTS ON EACH AIR HANDLER BY LICENSED ELECTRICIAN
- QTY (2) EXTRA PORTS PROVIDED PER SYSTEM FOR EXPANSION CAPABILITY
- ALL PIPING IS INSULATED
- AHUS TO BE WALL MOUNTED WITH CONDENSATE TO EXTERIOR OF THE BLDG
- INFIRMARY UNIT TO BRING IN OUTSIDE AIR AND BE COORDINATED WITH THE EXHAUST
- ALL THERMOSTATS SHALL HAVE LOCKED COVERS TO PREVENT TAMPERING

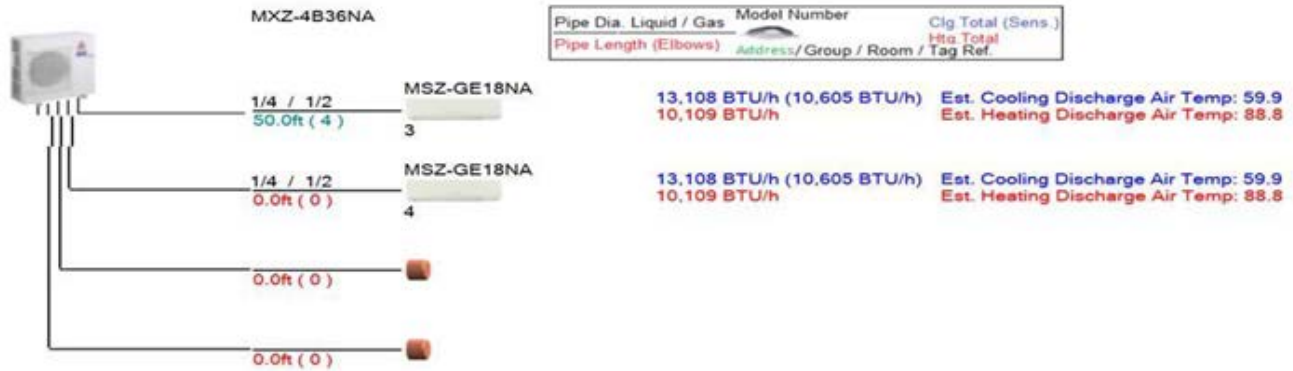
Residences include:

- qty (5) MXZ-4B36NA heat pump multi header
- qty (10) MSZ-GE18NA + tstats
- qty (20) refrigerant piping suction and liquid lines

Infirmary includes:

- qty (1) MUZ-D36NA-1
- qty (1) MSZ-D36NA-8 + tstat
- qty (2) refrigerant piping suction and liquid lines

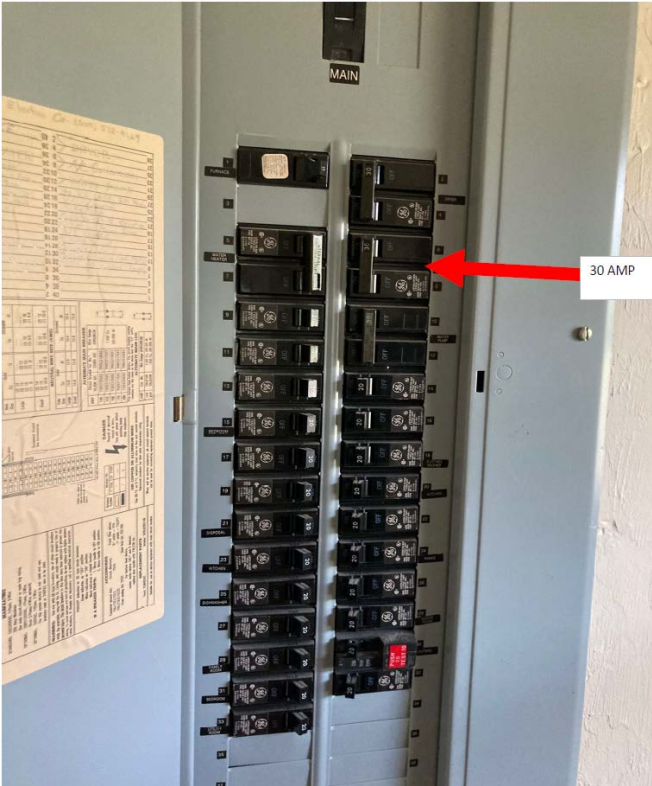
Project |



GENERAL FEATURES

- Four fan speed options: Low, Medium, High, Super-high
- Anti-mold filter
- INVERTER-driven compressors and electronic LEVs provide higher efficiency with controlled power usage
- The outdoor unit powers the indoor unit, and should a power outage occur, the system is automatically restarted when power returns
- Cooling operation range: 14° F to 115° F
- Heating operation range: -4° F to 75° F
- Multiple control options available:
 - Hand-held Remote Controller (provided with unit)
 - kumo cloud® smart device app for remote access
 - Third-party interface options
 - Wired or wireless controllers
- 12-hour timer
- ECONO COOL mode
- AUTO restart
- Blue Fin anti-corrosion treatment applied to the outdoor unit heat exchanger for increased coil protection and longer life

Breaker and existing hole in concrete block to remain in place:



Sell Price

Total Quote Price	\$67,452.00
-------------------	-------------

Payment Terms

Payment Terms Acceptance Agreement

The total price of: \$67,452.00 and the estimated return on investment are based on the items outlined in this proposal. ANY statements made herein regarding savings that may be achieved by implementing the services offered in this proposal are estimates only. No warranty, either expressed or implied, shall be construed to arise from such statements, nor shall such statements be construed as constituting a guarantee by Siemens that such savings will occur if the services are implemented.

Terms and Conditions Disclaimer

The Customer acknowledges that when approved by the Customer and accepted by Siemens Industry, Inc.: (i) the Proposal and the Contract Terms and Conditions, (together with any other documents incorporated into the forgoing) shall constitute the entire agreement of the parties with respect to its subject matter (collectively, hereinafter referred to as the "Agreement") and (ii) in the event of any conflict between the terms and conditions of the Proposal and the terms and conditions of The Contract Terms and Conditions, the Contract Terms and Conditions shall control.

BY EXECUTION HEREOF, THE SIGNER CERTIFIES THAT (S)HE HAS READ ALL OF THE TERMS AND CONDITIONS AND DOCUMENTS, THAT SIEMENS OR ITS REPRESENTATIVES HAVE MADE NO AGREEMENTS OR REPRESENTATIONS EXCEPT AS SET FORTH THEREIN, AND THAT (S)HE IS DULY AUTHORIZED TO EXECUTE THE SIGNATURE PAGE ON BEHALF OF THE CUSTOMER.

This Proposal is based on the Siemens Industry, Inc. Standard Terms and Conditions and the "Scope of Work" and are to be considered part of this proposal. Proposal is valid for thirty (30) days from the delivery date of February 09, 2021. Payment is due within 30 days of invoice date.

Payment Terms: 25% mobilization in advance, progress payments

Total: \$67,452.00

Terms & Conditions Link(s)

Terms and Conditions (Click to download)

[Terms & Conditions](#)

(www.siemens.com/download?A6V10946842)

As a result of the global Covid-19 Virus outbreak, temporary delays in delivery, labor or services from Siemens and its sub-suppliers or subcontractors may occur. Among other factors, Siemens' delivery is subject to the correct and punctual supply from sub-suppliers or subcontractors, and Siemens reserves the right to make partial deliveries or modify its labor or services. While Siemens shall make every commercially reasonable effort to meet the delivery or service or completion date mentioned above, such date is subject to change.

Attachment A

Riders (Click on rider below to download)

[SI Monitoring Rider](#)

(www.siemens.com/download?A6V10946171)

[SI Online Backup and Data Protection](#)

(www.siemens.com/download?A6V10946174)

[SI UBM or Utility Procurement](#)

(www.siemens.com/download?A6V10946178)

[SI Software License Warranty](#)

(www.siemens.com/download?A6V10946180)

[SI Consulting Rider](#)

(www.siemens.com/download?A6V10946838)

Signature Page

Proposed by:

Siemens Industry, Inc.

Company

Philip R. Garces

Name

5122026

Proposal #

\$67,452.00

Proposal Amount

February 09, 2021

Date

Accepted by:

ALACHUA COUNTY

Company

Name (Printed)

Signature

Title

Date

Purchase Order #

SUBMITTAL DATA: MXZ-4B36NA-1

MULTI-INDOOR INVERTER HEAT-PUMP SYSTEM

Job Name:	Location:	Date:
Purchaser:	Engineer:	
Submitted to:	For <input type="checkbox"/> Reference <input type="checkbox"/> Approval <input type="checkbox"/> Construction	
System Designation:	Schedule No.:	

GENERAL FEATURES

- Compact side discharge outdoor unit
- Wireless or wired remote controller, indoor unit dependent
- Quiet operation
- Automatic fan speed control
- Auto restart following power outage
- Self-check function—integrated diagnostics
- Advanced microprocessor control
- Limited warranty: five years parts and seven years compressors

ACCESSORIES

- ☐ Air Outlet Guide (MAC-856SG)
- ☐ 3/8" x 1/2" Port Adapter (MAC-A454JP-E)
- ☐ 1/2" x 3/8" Port Adapter (MAC-A455JP-E)
- ☐ 1/2" x 5/8" Port Adapter (MAC-A456JP-E)
- ☐ 1/4" x 3/8" Port Adapter (PAC-493PI)
- ☐ 3/8" x 5/8" Port Adapter (PAC-SG76RJ-E)



Outdoor Unit: MXZ-4B36NA-1



Specifications			Model Name
Unit Type			MXZ-4B36NA-1
Cooling* (Non-ducted / Ducted)	Rated Capacity	Btu/h	35,400 / 34,400
	Maximum Capacity	Btu/h	36,400 / 4,800
	Total Input	W	3,760 / 3,940
Heating at 47°F* (Non-ducted / Ducted)	Rated Capacity	Btu/h	36,000 / 34,400
	Maximum Capacity	Btu/h	43,000 / 41,400
	Total Input	W	3,020 / 3,100
Heating at 17°F* (Non-ducted/Ducted)	Rated Capacity	Btu/h	22,200 / 20,300
	Total Input	W	2,430 / 2,340
Electrical Requirements	Power Supply	Voltage, Phase, Hertz	208 / 230V, 1-Phase, 60 Hz
	Recommended Fuse/Breaker Size	A	25
	MCA	A	23
Voltage	Indoor - Outdoor S1-S2	V	AC 208 / 230
	Indoor - Outdoor S2-S3	V	DC ±24
Compressor			DC Inverter-driven Twin Rotary
Fan Motor (ECM)		F.L.A.	0.93
Sound Pressure Level (Non-ducted/Ducted)	Cooling	dB(A)	54
	Heating		57
External Dimensions (H x W x D)		In. / mm	35-7/16 x 35-7/16 x 12-5/8 / 900 x 900 x 321
Net Weight		Lbs. / kg	153 (69)
External Finish			Munsell 3.0Y 7.8/1.1
Refrigerant Pipe Size O.D. — Four Ports	Liquid (High Pressure)	(In. / mm)	1/4 / 6.35
	Gas (Low Pressure)		A: 1/2 / 12.7; B,C,D: 3/8 / 9.52
Max. Refrigerant Line Length		Ft.	230
Max. Piping Length for Each Indoor Unit		Ft.	82
Max. Refrigerant Pipe Height Difference	If Indoor Unit is Above Outdoor Unit	Ft.	49
	If Indoor Unit is Below Outdoor Unit		33
Connection Method			Flared
Refrigerant			R410A

(For data on specific indoor units, see the MXZ-B Technical and Service Manual.)

* Rating Conditions per AHRI Standard:

Cooling | Indoor: 80° F (27° C) DB / 67° F (19° C) WB
Cooling | Outdoor: 95° F (35° C) DB / 75° F (24° C) WB

Heating at 47° F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB
Heating at 47° F | Outdoor: 47° F (8° C) DB / 43° F (6° C) WB

Heating at 17° F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB
Heating at 17° F | Outdoor: 17° F (-8° C) DB / 15° F (-9° C) WB

Specifications are subject to change without notice.

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SPECIFICATIONS: MXZ-4B36NA-1, contd.

Operating Range:

		Indoor Intake Air Temp.	Outdoor Intake Air Temp.
Cooling	Maximum	95° F (35° C) DB 71° F (22° C) WB	115° F (46° C) DB
	Minimum	67° F (19° C) DB 57° F (14° C) WB	14° F (-10° C) DB
Heating	Maximum	80° F (27° C) DB 67° F (19° C) WB	75° F (24° C) DB 65° F (18° C) WB
	Minimum	70° F (21° C) DB 60° F (16° C) WB	6° F (-14° C) DB 5° F (-15° C) WB

Energy Efficiencies:

Indoor Unit Type	SEER	EER	HSPF	COP @ 47°F	COP @ 17°F
Non-ducted (06+09+09+09+09)	18	9.4	9.3	3.5	2.68
Ducted and Non-ducted	16.5	9.1	9.2	3.38	2.61
Ducted (09+09+09+09+09)	15	8.7	9	3.25	2.54

Multi-zone Indoor/Outdoor Combination Table

	MSZ-FE*	MSZ-GE*	MFZ*	SEZ*	SLZ*	PCA (A24)*	PLA (A12/18/24)*	PEAD (A24)*
MXZ-4B36NA-1	OK	OK	OK	OK	OK	24 OK	18, 24 OK 12 NO	24 OK

* Refer to indoor unit submittal.

Notes:

- Minimum of two Indoor Units must be connected to the MXZ-4B36NA-1.
- Minimum installed capacity cannot be less than 12,000 Btu/h.
- There are NO indoor units larger than 24,000 Btu/h that can be connected to MXZ Systems.
- PLA-A12BA can NOT be connected with MXZ-2B20NA-1/MXZ-3B24NA-1/MXZ-3B30NA-1/MXZ-4B36NA-1.
- System can operate with only one Indoor Unit turned on. (see Operation Performance Table next page for single Indoor Unit performance).
- May connect to any style indoor unit or combination.
- Information provided at 208/230V. Refer to the MXZ Outdoor Unit Service Manual for detailed specifications and additional information per Indoor Unit Combination.

Notes:

MXZ-4B36NA-1 OPERATION PERFORMANCE

Operation Performance for Indoor Unit Combinations (Unit A + Unit B + Unit C + Unit D)	Cooling Capacity Range (Btu/h)					Power Usage Range (W)
	Heating Capacity Range (Btu/h)					
	Unit A	Unit B	Unit C	Unit D	Total Range	
6	6,500	-	-	-	5,200 - 6,500	460 - 580
	7,800	-	-	-	6,800 - 14,400	540 - 1,460
9	9,000	-	-	-	7,200 - 9,000	580 - 820
	10,900	-	-	-	8,600 - 15,400	780 - 1,520
12	12,000	-	-	-	7,200 - 12,000	580 - 1,020
	13,600 - 14,400	-	-	-	8,600 - 16,400	780 - 1,600
15	14,000 - 15,000	-	-	-	7,200 - 15,000	580 - 1,340
	18,000	-	-	-	8,600 - 21,100	780 - 2,280
18	17,200	-	-	-	7,200 - 17,200	580 - 1,590
	21,600	-	-	-	8,600 - 24,900	780 - 2,770
24	22,000			-	7,200 - 22,000	580 - 2,200
	23,200	-	-	-	8,600 - 27,800	780 - 3,000
6 + 6	6,500	6,500	-	-	12,000 - 13,000	920 - 960
	7,800	7,800	-	-	11,000 - 31,000	740 - 2,560
6 + 9	6,500	9,000	-	-	12,000 - 15,500	940 - 1,260
	7,800	10,900	-	-	11,000 - 31,000	740 - 2,560
6 + 12	6,500	12,000	-	-	12,000 - 18,500	920 - 1,600
	7,800	13,600 - 14,400	-	-	11,000 - 31,000	740 - 2,560
6 + 15	6,500	14,000 - 15,000	-	-	12,000 - 21,500	920 - 1,940
	7,800	18,000	-	-	11,000 - 33,000	740 - 2,800
6 + 18	6,500	17,200	-	-	12,000 - 23,700	920 - 2,460
	7,200	19,800	-	-	11,000 - 35,000	740 - 2,920
6 + 24	5,900	20,100		-	12,000 - 26,000	920 - 2,800
	6,800	20,200	-	-	11,000 - 35,000	740 - 2,860
9 + 9	9,000	9,000	-	-	12,000 - 18,000	920 - 1,840
	10,900	10,900	-	-	11,000 - 31,000	740 - 2,560
9 + 12	9,000	12,000	-	-	12,000 - 21,000	920 - 2,040
	10,900	13,600 - 14,400	-	-	11,000 - 33,000	740 - 2,800
9 + 15	9,000	14,000 - 15,000	-	-	12,000 - 24,000	920 - 2,540
	10,100	16,900	-	-	11,000 - 35,000	740 - 2,920
9 + 18	8,900	17,100	-	-	12,000 - 26,000	920 - 2,840
	9,000	18,000	-	-	11,000 - 35,000	740 - 2,920
9 + 24	7,600	20,400	-	-	12,000 - 28,000	920 - 3,220
	7,300	19,700	-	-	11,000 - 35,000	740 - 2,740
12 + 12	12,000	12,000	-	-	12,000 - 24,000	920 - 2,540
	13,500 - 13,900	13,100 - 13,500	-	-	11,000 - 35,000	740 - 2,920
12 + 15	11,500 - 12,000	14,000 - 14,500	-	-	12,000 - 26,000	920 - 2,840
	11,600 - 12,000	15,000 - 15,400	-	-	11,000 - 35,000	740 - 2,860
12 + 18	10,400	15,600	-	-	12,000 - 26,000	920 - 2,840
	10,400 - 10,800	16,200 - 16,600	-	-	11,000 - 35,000	740 - 2,860
12 + 24	9,900	18,100	-	-	12,000 - 28,000	920 - 3,220
	10,000 - 10,300	16,700 - 17,000	-	-	11,000 - 35,000	740 - 2,740
15 + 15	13,000	13,000	-	-	12,000 - 26,000	920 - 2,840
	13,500	13,500	-	-	11,000 - 35,000	740 - 2,800
15 + 18	11,700 - 11,800	14,200 - 14,300	-	-	12,000 - 26,000	920 - 2,840
	12,300	14,700	-	-	11,000 - 35,000	740 - 2,800
18 + 18	13,000	13,000	-	-	12,000 - 26,000	920 - 2,840
	13,500	13,500	-	-	11,000 - 35,000	740 - 2,800

MXZ-4B36NA-1 OPERATION PERFORMANCE, contd.

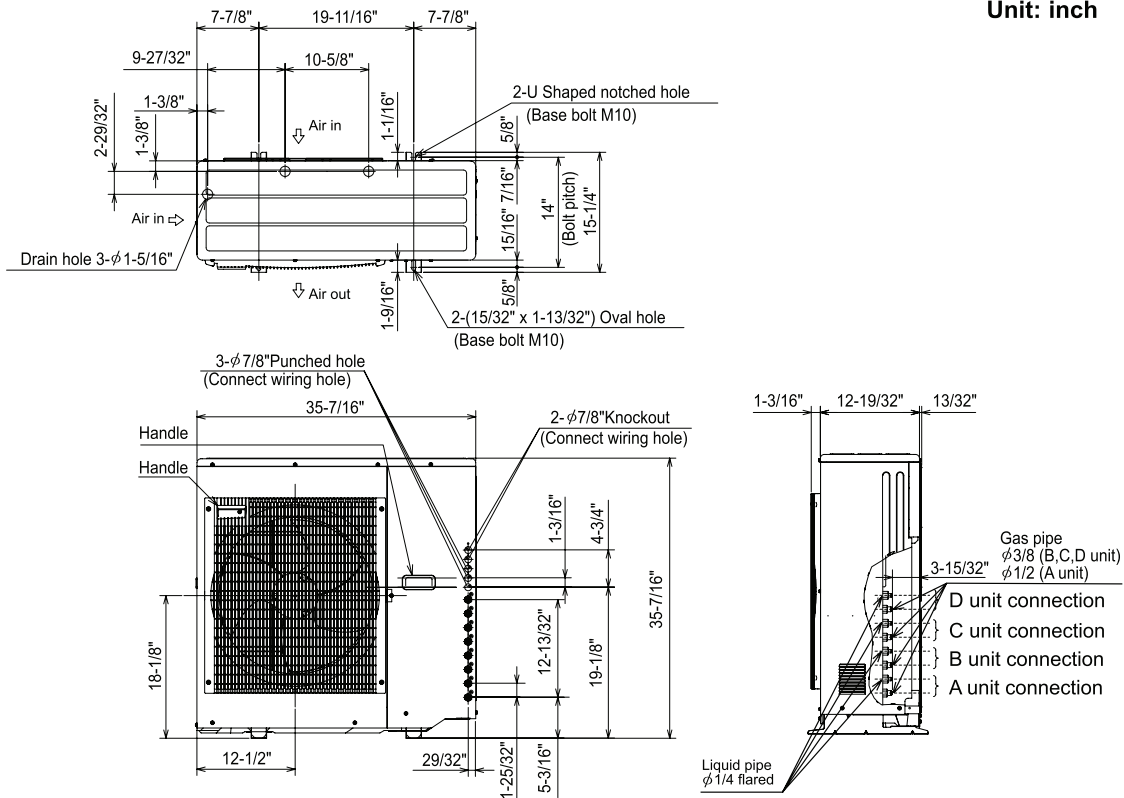
Operation Performance for Indoor Unit Combinations (Unit A + Unit B + Unit C + Unit D)	Cooling Capacity Range (Btu/h)					Power Usage Range (W)
	Heating Capacity Range (Btu/h)					
	Unit A	Unit B	Unit C	Unit D	Total Range	
6 + 6 + 6	6,500	6,500	6,500	-	12,600 - 19,500	1,000 - 1,600
	7,800	7,800	7,800	-	11,400 - 36,000	740 - 2,820
6 + 6 + 9	6,500	6,500	9,000	-	12,600 - 22,000	1,000 - 1,940
	7,800	7,800	10,900	-	11,400 - 36,000	740 - 2,820
6 + 6 + 12	6,500	6,500	12,000	-	12,600 - 25,000	1,000 - 2,330
	7,800	7,800	13,600 - 14,400	-	11,400 - 36,000	740 - 2,820
6 + 6 + 15	6,500	6,500	14,000 - 15,000	-	12,600 - 28,000	1,000 - 2,580
	7,500	7,500	17,400	-	11,400 - 36,000	740 - 2,820
6 + 6 + 18	6,500	6,500	17,200	-	12,600 - 30,200	1,000 - 3,120
	6,800	6,800	18,800	-	11,400 - 36,000	740 - 2,820
6 + 6 + 24	6,000	6,000	20,100	-	12,600 - 32,100	1,000 - 3,500
	6,500	6,500	19,400	-	11,400 - 36,000	740 - 2,820
6 + 9 + 9	6,500	9,000	9,000	-	12,600 - 24,500	1,000 - 2,290
	7,800	10,900	10,900	-	11,400 - 36,000	740 - 2,820
6 + 9 + 12	6,500	9,000	12,000	-	12,600 - 27,500	1,000 - 2,690
	7,800 - 7,800	10,300 - 10,900	13,600 - 14,100	-	11,400 - 36,000	740 - 2,820
6 + 9 + 15	6,500	9,000	14,000 - 15,000	-	12,600 - 30,500	1,000 - 3,040
	6,900	9,200 - 9,600	15,900	-	11,400 - 36,000	740 - 2,820
6 + 9 + 18	6,400	8,400 - 8,800	16,900	-	12,600 - 32,100	1,000 - 3,550
	6,200	8,400 - 8,800	17,400	-	11,400 - 36,000	740 - 2,820
6 + 9 + 24	5,600	7,300 - 7,700	18,800	-	12,600 - 32,100	1,000 - 3,530
	6,000	8,000 - 8,400	18,000	-	11,400 - 36,000	740 - 2,820
6 + 12 + 12	6,500	12,000	12,000	-	12,600 - 30,500	1,000 - 3,190
	7,000 - 7,200	12,600 - 13,000	12,300 - 12,700	-	11,400 - 36,000	740 - 2,820
6 + 12 + 15	6,200 - 6,400	11,500 - 11,900	13,800 - 14,400	-	12,600 - 32,100	1,000 - 3,540
	6,300 - 6,400	11,200 - 11,600	14,500 - 14,800	-	11,400 - 36,000	740 - 2,820
6 + 12 + 18	5,800	10,800	15,500	-	12,600 - 32,100	1,000 - 3,540
	5,700 - 5,900	10,200 - 10,700	16,000 - 16,300	-	11,400 - 36,000	740 - 2,820
6 + 15 + 15	5,700 - 6,100	12,700 - 13,200	13,000 - 13,500	-	12,600 - 32,100	1,000 - 3,540
	5,800	13,300	13,300	-	11,400 - 36,000	740 - 2,820
6 + 15 + 18	5,400 - 5,600	11,900 - 12,400	14,300 - 14,600	-	12,600 - 32,100	1,000 - 3,540
	5,300	12,300	14,800	-	11,400 - 36,000	740 - 2,820
6 + 18 + 18	5,100	13,500	13,500	-	12,600 - 32,100	1,000 - 3,540
	5,000	13,700	13,700	-	11,400 - 36,000	740 - 2,820
9 + 9 + 9	8,600 - 9,000	8,600 - 9,000	8,600 - 9,000	-	12,600 - 27,000	1,000 - 2,950
	10,400 - 10,800	10,400 - 10,800	10,400 - 10,800	-	11,400 - 36,000	740 - 2,820
9 + 9 + 12	8,600 - 9,000	8,600 - 9,000	12,000	-	12,600 - 30,000	1,000 - 3,350
	9,400 - 10,000	9,400 - 10,000	12,400 - 12,800	-	11,400 - 36,000	740 - 2,820
9 + 9 + 15	8,400 - 9,000	8,400 - 9,000	14,000 - 14,500	-	12,600 - 32,100	1,000 - 3,580
	8,500 - 8,900	8,500 - 8,900	14,600	-	11,400 - 36,000	740 - 2,820
9 + 9 + 18	7,700 - 8,200	7,700 - 8,200	15,700 - 15,900	-	12,600 - 32,100	1,000 - 3,580
	7,700 - 8,100	7,700 - 8,100	16,200	-	11,400 - 36,000	740 - 2,820
9 + 9 + 24	6,5000 - 6,900	6,500 - 6,900	18,300	-	12,600 - 32,100	1,000 - 3,560
	7,400 - 7,800	7,400 - 7,800	16,800	-	11,400 - 36,000	740 - 2,820
9 + 12 + 12	8,300 - 8,700	11,700	11,700	-	12,600 - 32,100	1,000 - 3,570
	8,600 - 9,400	11,500 - 12,000	11,300 - 11,700	-	11,400 - 36,000	740 - 2,820
9 + 12 + 15	7,600 - 8,300	10,700 - 11,000	12,800 - 13,400	-	12,600 - 32,100	1,000 - 3,570
	7,800 - 8,300	10,400 - 10,800	13,400 - 13,700	-	11,400 - 36,000	740 - 2,820
9 + 12 + 18	7,100 - 7,500	10,000	14,600	-	12,600 - 32,100	1,000 - 3,570
	7,200 - 7,600	9,600 - 9,900	14,900 - 15,200	-	11,400 - 36,000	740 - 2,820
9 + 15 + 15	7,100 - 7,700	11,700 - 12,300	12,200 - 12,700	-	12,600 - 32,100	1,000 - 3,570
	7,200 - 7,600	12,400	12,400	-	11,400 - 36,000	740 - 2,820
9 + 15 + 18	6,600 - 7,200	11,000 - 11,600	13,500 - 13,700	-	12,600 - 32,100	1,000 - 3,570
	6,600 - 7,000	11,500	13,900	-	11,400 - 36,000	740 - 2,820
9 + 18 + 18	6,100 - 6,500	12,800	12,800	-	12,600 - 32,100	1,000 - 3,570
	6,200 - 6,600	12,900	12,900	-	11,400 - 36,000	740 - 2,820

MXZ-4B36NA-1 OPERATION PERFORMANCE, contd.

Operation Performance for Indoor Unit Combinations (Unit A + Unit B + Unit C + Unit D)	Cooling Capacity Range (Btu/h)					Power Usage Range (W)
	Heating Capacity Range (Btu/h)					
	Unit A	Unit B	Unit C	Unit D	Total Range	
12 + 12 + 12	10,700	10,700	10,700	-	12,600 - 32,100	1,000 - 3,560
	10,800 - 11,200	10,600 - 11,200	10,400 - 10,800	-	11,400 - 36,000	740 - 2,820
12 + 12 + 15	9,900 - 10,100	9,900 - 10,100	11,900 - 12,300	-	12,600 - 32,100	1,000 - 3,560
	9,700 - 10,100	9,600 - 10,000	12,400 - 13,000	-	11,400 - 36,000	740 - 2,820
12 + 12 + 18	9,300	9,300	13,500	-	12,600 - 32,100	1,000 - 3,560
	9,000 - 9,400	8,900 - 9,300	13,800 - 14,400	-	11,400 - 36,000	740 - 2,820
12 + 15 + 15	9,100 - 9,700	11,200 - 11,500	11,200 - 11,700	-	12,600 - 32,100	1,000 - 3,560
	9,000	11,700	11,700	-	11,400 - 36,000	740 - 2,820
6 + 6 + 6 + 6	6,500	6,500	6,500	6,500	12,600 - 26,000	1,000 - 2,080
	7,800	7,800	7,800	7,800	11,400 - 43,000	740 - 3,880
6 + 6 + 6 + 9	6,500	6,500	6,500	9,000	12,600 - 28,500	1,000 - 2,420
	7,800	7,800	7,800	10,900	11,400 - 43,000	740 - 3,900
6 + 6 + 6 + 12	6,500	6,500	6,500	12,000	12,600 - 31,500	1,000 - 2,890
	7,400 - 7,600	7,400 - 7,600	7,400 - 7,600	13,200 - 13,800	11,400 - 43,000	740 - 3,900
6 + 6 + 6 + 15	6,500	6,500	6,500	14,000 - 15,000	12,600 - 34,500	1,000 - 3,230
	6,800	6,800	6,800	15,600	11,400 - 43,000	740 - 3,900
6 + 6 + 9 + 9	6,500	6,500	9,000	9,000	12,600 - 31,000	1,000 - 2,850
	7,500	7,500	10,100 - 10,500	10,100 - 10,500	11,400 - 43,000	740 - 3,910
6 + 6 + 9 + 12	6,500	6,500	9,000	12,000	12,600 - 34,000	1,000 - 3,340
	6,900 - 7,000	6,900 - 7,000	9,200 - 9,600	12,200 - 12,600	11,400 - 43,000	740 - 3,910
6 + 6 + 9 + 15	6,100 - 6,400	6,100 - 6,400	8,600 - 8,800	13,800 - 14,200	12,600 - 36,400	1,000 - 3,960
	6,300	6,300	8,400 - 8,800	14,600	11,400 - 43,000	740 - 3,910
6 + 6 + 9 + 18	5,900	5,900	8,100 - 8,300	15,700 - 15,900	12,600 - 36,400	1,000 - 3,940
	5,800	5,800	7,800 - 8,200	16,200	11,400 - 43,000	740 - 3,910
6 + 6 + 12 + 12	6,200	6,200	11,300 - 11,500	11,300 - 11,500	12,600 - 36,400	1,000 - 3,940
	6,300 - 6,600	6,300 - 6,600	11,400 - 11,900	11,300 - 11,700	11,400 - 43,000	740 - 3,910
6 + 6 + 12 + 15	5,800 - 6,000	5,800 - 6,000	10,600 - 11,200	12,800 - 13,600	12,600 - 36,400	1,000 - 3,940
	5,900 - 6,000	5,900 - 6,000	10,300 - 10,700	13,500 - 13,700	11,400 - 43,000	740 - 3,910
6 + 6 + 15 + 15	5,400 - 5,700	5,400 - 5,700	12,000 - 12,400	12,300 - 12,800	12,600 - 36,400	1,000 - 3,940
	5,400	5,400	12,600	12,600	11,400 - 43,000	740 - 3,910
6 + 9 + 9 + 9	6,500	9,000	9,000	9,000	12,600 - 33,500	1,000 - 3,300
	6,900	9,300 - 9,700	9,300 - 9,700	9,300 - 9,700	11,400 - 43,000	740 - 3,930
6 + 9 + 9 + 12	6,200 - 6,400	8,600 - 8,700	8,600 - 8,700	11,400 - 11,600	12,600 - 36,400	1,000 - 3,980
	6,400	8,500 - 8,900	8,500 - 8,900	11,800	11,400 - 43,000	740 - 3,930
6 + 9 + 9 + 15	5,800 - 6,100	8,000 - 8,400	8,000 - 8,400	12,900 - 13,600	12,600 - 36,400	1,000 - 3,980
	5,900	7,800 - 8,200	7,800 - 8,200	13,700	11,400 - 43,000	740 - 3,930
6 + 9 + 12 + 12	5,900	8,100 - 8,300	10,800 - 10,900	10,800 - 10,900	12,600 - 36,400	1,000 - 3,970
	5,900	7,900 - 8,300	10,900	10,900	11,400 - 43,000	740 - 3,930
6 + 9 + 12 + 15	5,400 - 5,600	7,500 - 7,800	10,100 - 10,500	12,100 - 12,700	12,600 - 36,400	1,000 - 3,970
	5,500	7,300 - 7,700	10,100	12,700	11,400 - 43,000	740 - 3,930
9 + 9 + 9 + 9	8,600 - 8,850	8,600 - 8,850	8,600 - 8,850	8,600 - 8,850	12,600 - 36,400	1,000 - 4,020
	8,600 - 9,000	8,600 - 9,000	8,600 - 9,000	8,600 - 9,000	11,400 - 43,000	740 - 3,940
9 + 9 + 9 + 12	7,900 - 8,300	7,900 - 8,300	7,900 - 8,300	11,100	12,600 - 36,400	1,000 - 4,010
	7,900 - 8,500	7,900 - 8,500	7,900 - 8,500	10,500 - 11,100	11,400 - 43,000	740 - 3,940
9 + 9 + 9 + 15	7,300 - 7,900	7,300 - 7,900	7,300 - 7,900	12,300 - 12,900	12,600 - 36,400	1,000 - 4,010
	7,300 - 7,700	7,300 - 7,700	7,300 - 7,700	12,900	11,400 - 43,000	740 - 3,940
9 + 9 + 12 + 12	7,300 - 7,700	7,300 - 7,700	10,300	10,300	12,600 - 36,400	1,000 - 4,000
	7,400 - 8,000	7,400 - 8,000	10,000 - 10,400	9,800 - 10,200	11,400 - 43,000	740 - 3,940

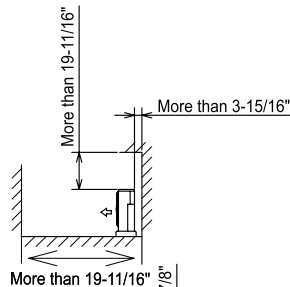
DIMENSIONS: MXZ-4B36NA-1

Unit: inch

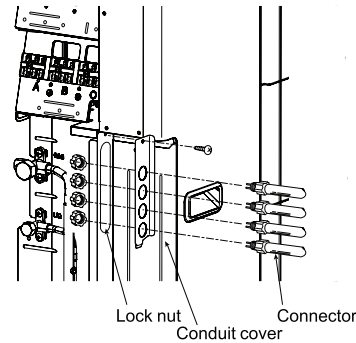
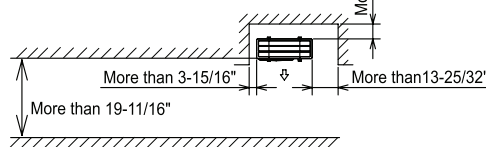


1. Installation space

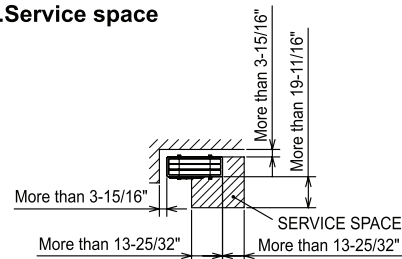
Note : Leave both sides free of obstruction.



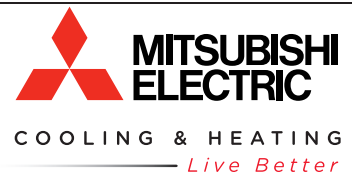
Note : Leave overhead free of obstruction.



2. Service space



Intertek



1340 Satellite Boulevard
Suwanee, GA 30024
Tele: 678-376-2900 • Fax: 800-889-9904
Toll Free: 800-433-4822
www.mehvac.com