

REQUEST FOR REPLACEMENT OF TEMPERATURE CONTROLS BID

Breitung Township Schools is seeking sealed bids for replacement of temperature controls at Woodland Elementary School. Installation to be completed by July 31, 2019. Bid specifications may be accessed from the Breitung Township School's website, www.kingsford.org. Interested parties should submit bids to:

Breitung Township Schools
Attn: Jennifer Huotari
Director of Finance
2000 Pyle Drive
Kingsford, MI 49802
jhuotari@diisd.org

The sealed bid envelope should have "Replacement of Temperature Controls" clearly marked on it. The bid must be accompanied by a sworn and notarized statement disclosing any familial relationships that may exist (Attachment B). The bid must also include Iran Economic Sanctions Act Certification (Attachment C) and Insurance Coverage (Attachment D). If these items are not included the bid will not be considered for acceptance.

Deadline for submission is 3:00 p.m. C.D.T. on Friday, May 17, 2019 and all bids will be opened in public at this time in the Superintendent's Office. Bids will not be considered or accepted after this submission deadline.

Breitung Township School reserves the right to reject any or all bids and to waive omissions, irregularities or clerical errors not affecting the compliance with the plans and specifications.

Bids shall be firm between the bid opening and the anticipated project completion date.

Two (2) copies of the bid should be provided and signed by the bidder.

MINIMUM SPECIFICATIONS FOR REPLACEMENT OF TEMPERATURE CONTROLS

Sealed bids are being sought for replacement of temperature controls at Woodland Elementary School in Kingsford, MI. All options should list the recommended equipment and specific cost of each piece and any additional costs for shipping, labor, etc. if applicable.

Location – Woodland Elementary School located at 2000 Pyle Drive, Kingsford MI.

TEMPERATURE CONTROLS

- BCnet Communication protocol is required : Delta Controls installed by certified factory trained technicians.
- TCC shall have minimum of 5 year experience with temperature controls
- Control system Graphics shall be integrated into existing OrcaWeb/Orcaview enabled software package.
- Graphics shall depict HVAC system served, and shows objects relevant to its operation i.e. temperature, device status, alarms, device positions, etc.
- Delta Controls building controllers shall have sufficient memory to support its operating systems, databases, and programming requirements. Controllers performing scheduling shall have a real-time clock.
- Building controllers shall support direct Ethernet or a communication card. Building Controllers shall be fully peer to peer.
- Delta Controls Terminal HVAC controllers i.e., Uvs, Vavs, Ahus, etc. shall be programmable and able to operate Stand Alone, not application specific
- Control system shall expandable for monitoring/controlling Lighting, Card Access, Fire Alarms, and Cameras.
- Controller operating parameters shall be read/write
- In the event of a loss of communication, application controllers shall control from its resident schedule and control program until communication is restored.
- Provide 4-hour training session following building turnover
- Provide AutoCAD & PDF drawings to reflect controller wiring diagrams, network architecture, wire terminations, etc.

Upgrading the existing pneumatic controls to DDC Delta Controls on the following equipment.

Controls for unit ventilators include:

- DDC Controller
- Room Thermostats with local set point, override and LCD display and Co2 sensor
- Discharge air sensor
- Fan motor current switch
- 3-Way Hot Water Valve with installation
- New freeze stat
- Face and bypass damper actuator
- Outdoor air/return air actuator
- Controls wiring
- Programming
- Graphics
- Start-up and checkout
- One year warranty on all work

Controls on baseboard radiators and cabinet unit heaters include:

- DDC Controller using existing Uv controllers and Dfm's as needed
- 2-Way Hot Water Valve with installation
- Room sensors
- Controls wiring
- Programming
- Graphics
- Start-up and checkout
- One year warranty on all work

Equipment list:

Room 301 uv1 c1
Room 302 uv1 c3 wf4 2
Room 303 uv2 2-c4
Room 304 uv1 wf7 c2
Room 305 uv2 2-c4
Room 306 uv2 wf7 c6
Room 307 uv1 c1

Room 407 uv1 c1
Room 411 ch4
Room 412 ch6
Room 413 uv2
Room 414 uv1 wf9
Closet c5
Center core area ch1a
Entrance ch5a
Bathroom ch3a

Room 501 uv2 c1
Room 502 uv1 wf9 c3
Room 503 uv2 2-c4
Room 504 uv1 wf7 c2
Room 505 uv2 2-c4
Room 506 uv1 wf7 c6
Room 512 ch6
Room 513 ch4
Entrance ch5a
Bathroom ch3
Center core area ch1a

Media center uv4 wf5 wf6
Room 213 ch6
Room 214 c2

Closet by 214 c2a
Hallway ch7 ch2 ch1

Gym wf12a wf13a
Bathroom ch3
Bathroom ch4
Lockers ch3
Lockers ch3
Comp lab uv2
Café wf11a wf10a 3

Room 122 uv2
Room 121 uv2
Entrance ch7

Installation to be completed by the bidder. Bidder will also provide all tools necessary to complete installation. If bidder present on property for more than a two-week uninterrupted period, IChat's are required to be run on all employees present on the project.

Sealed bids will be received until 3:00 p.m. C.D.T on Friday, May 17, 2019. The sealed bid envelope should have "Replacement of Temperature Controls for Unit Ventilators" clearly marked on it.

If you have any questions, please email them to Bill Edens, Building and Grounds Supervisor, at bedens@kingsford.org or call 906-396-2779.

Please submit bids to:

Breitung Township Schools
Attn: Jennifer Huotari
Director of Finance
2000 Pyle Drive
Kingsford, MI 49802
jhuotari@diisd.org

Attachment A - Proposal Form

Replacement of Temperature Controls Specifications (i.e. equipment, labor, etc.):
Warranty Information:
Installation Date:
Duration of Installation:
Total Project Cost:

Please provide any and all technical specifications for product(s) quoted.

Name of Vendor: _____

Address: _____

Contact Name: _____

Phone: _____ Fax: _____

Email: _____

Authorized Representative Name: _____

Title: _____

Authorized Signature: _____

Date: _____

All bids must be valid for a minimum period of 60 days after bid opening.

Attachment B – Familial Disclosure Form

AFFIDAVIT OF *(insert name of affiant)*

STATE OF MICHIGAN)
) SS
COUNTY OF _____)

_____ makes this Affidavit under oath and states as follows:
(Insert name of affiant)

1. I am a/the:

- President Vice-President
- Chief Executive Officer Member
- Partner Owner
- Other (please specify)_____

of _____, a bidder for replacement of digital controls for unit ventilators for Breitung Township Schools.

2. I have personal knowledge and/or I have personally verified that the following are all of the familial relationships existing between the owner(s) and the employee(s) of the aforementioned contractor and the school district's superintendent and/or board members.

3. I have the authority to bind the aforementioned contractor with the representations contained herein, and I am fully aware that the school district will rely on my representations in evaluating bids for the transportation services.

4. I declare the above information to be true to the best of my knowledge, information and belief. I can completely and accurately testify regarding the information contained in this affidavit if requested to do so.

(Signature of affiant)

(Date)

Subscribed and sworn before me in _____ County, Michigan on the ____ day of _____, 20____.

Signature: _____

Printed Name: _____

Notary Public, State of Michigan, County of _____.

My Commission expires on _____.

Acting in the County of _____.

Attachment C – Iran Economic Sanctions Act Certification

I am the (title) _____ of (bidder) _____, or I am bidding in my individual capacity ("Bidder"), with authority to submit a binding bid for the provision of replacement of temperature controls for Breitung Township Schools. I have personal knowledge of the matters described in this Certification, and I am familiar with the Iran Economic Sanctions Act, MCL 129.311, et seq. ("Act"). I am fully aware that the school district will rely on my representations in evaluating bids.

I certify that Bidder is not an Iran-linked business, as that term is defined in the Act. I understand that submission of a false certification may result in contract termination, ineligibility to bid for three (3) years, and a civil penalty of \$250,000 or twice the bid amount, whichever is greater, plus related investigation and legal costs.

(Signature)

(Printed name)

(Date)

Attachment D – Insurance Coverage

Please provide a Certificate of Insurance and any other relevant insurance information.

- Broad Form Comprehensive General Liability Insurance (including-Premises, Contractual, Products & Completed Operations-including Broad Form Extensions)
 - Each Occurrence - _____
 - General Aggregate - _____
 - Products & Completed Operations Aggregate - _____
 - Personal Injury & Advertising Injury - _____
 - Fire/Legal - _____

All copies of insurance coverage will be due at the time of execution of the Contract. Minimum of \$1 million aggregate for all personal injuries and \$1 million per person for bodily injury are required.