

Request for Proposal

December 3, 2024

Form 470 Application #: 250006463
BREITUNG TOWNSHIP PUBLIC SCHOOLS
810 Pyle Drive
Kingsford, MI 49802
906-779-2650

Network Upgrade Project 2025

NOTICE TO BIDDERS

The Breitung Township Public School District is accepting bids on various networking equipment and new networking runs. Bids must be received on or before Wednesday, January 8, 2025 at 2 p.m. local time (2 p.m. CST). Bids may be submitted by mail at the above address or E-mail to dwhite@kingsford.org

Bid Specifications are available on our website at www.flivver.info/techbids or can be obtained from Derrek White, Director of IT Operations, Breitung Township Public Schools, 445 Hamilton Ave, Kingsford, MI 49802.

Derrek White
Director of IT Operations
dwhite@kingsford.org
906-302-3368

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Requirements

The purpose of this project is to upgrade our network infrastructure by modernizing aging core network hardware to enhance our wireless network density capabilities. Our wireless infrastructure has standardized on Meraki. Our core network infrastructure has standardized on HP/Aruba.

This project is broken down into four separate sections:

Section 1 – Wireless Access Points (Meraki preferred)

Section 2 – Network Switches (Aruba) and Transceivers

Section 3 – Battery backup solutions

Section 4 - Broadband connectivity between KMS & Athletic Complex

Vendors may bid on one or more sections. Each section will be awarded individually. Actual quantities purchased may vary from the bid, depending upon the overall budget.

Section 1 – Wireless Access Points

- Forty-three **(43)** Wireless Access Points¹ with the following minimum specs:
 - High-density capable. 8x8:8 UL/DL MU-MIMO and OFDMA
 - Wi-Fi 6 capable
 - PoE 802.3at
- One (1) outdoor-rated wireless access point
 - 4-stream UL/DL MU-MIMO 802.11ax
 - Wi-Fi 6 Capable
 - PoE 802.3at
- Cloud licensing is not needed at this time.

Section 2 – Network Switches and Transceivers

This section includes the Ethernet switches to provide gigabit PoE connectivity.

- Five (5) 48 Port PoE+ GB Switches Aruba 6100 or equivalent² with 10GB capability on at least 4 ports

¹ The BTS School District has standardized on Meraki access points and that is the preferred manufacturer.

² The BTS School District has standardized on Aruba switches and that is the preferred manufacturer.

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Section 3 - Battery Backup Solutions

- Five (5) 2-post rackmount battery backup units
 - 1500VA or better, 120VAC
 - 2U preferred
 - NEMA 5-15P input connection
 - NEMA 5-15R output connection
 - If battery backups do not come with hardware to mount to 2-post 19" racks, please include those add-ons in the bid

Section 4 – Broadband Connectivity

This section includes the installation of a broadband connection solution for the following locations:

- Kingsford Middle School (KMS) Closet A to Fieldhouse Closet A
- Fieldhouse to Flivver Field Pressbox
 - Or KMS to Flivver Field Pressbox

The district is looking to connect the buildings of the athletic complex utilizing broadband connections capable of 10gbps or greater. These buildings are currently connected to the network via wireless bridges. Priorities for this section of the project are connection resilience and throughput.

Vendor for this job shall include the following in their bid:

- All costs associated with installation of each broadband run, which may include:
 - Patch Panels and labeling
 - Termination, testing and certification of all connections
 - Any patch cables necessary to complete connections to equipment
- As-built map documentation
- Vendor is responsible for obtaining all permits and allowances.
- Vendor is responsible for registering all broadband runs with MISSDIG.

Maps available upon request. Building walkthroughs can be scheduled prior to bidding by contacting Derrek White via email (dwhite@kingsford.org).

Universal Service Fund (eRate):

The Breitung Township Public School District will apply for Universal Service Fund monies to cover approximately 70% of this project. This project is contingent on receiving eRate funding. Bidders must be an approved service provider and include their SPIN number with their bid. The USAC website can be found at <http://www.usac.org/sl/>.

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Project Timing:

Vendors will be notified on or before February 14, 2025 if they are the successful bidder. The project start date is contingent on receiving our Funding Commitment Decision Letter (FCDL) from USAC. Work cannot begin on this project before July 1, 2025. Vendors shall include a contingency of price increases that will account for project delays.

Staging and Other factors:

Depending upon the total cost of the project and the overall budget, Breitung Township Public Schools may choose to decrease the number of units purchased. If that is the case, vendors shall be able to scale their proposal accordingly. Vendors will be selected based on their overall bid for the entire project.

Project Management/Coordination:

This project is being coordinated by Derrek White, Director of IT Operations, Breitung Township Public Schools. Any questions should be directed to his email: dwhite@kingsford.org or phone: 906-302-3368. For prompt response, email is preferred.

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BID FORM

SECTION 1 – Wireless Access points

ITEM	Description	Qty	Cost/Each	Total
1	Wireless Access Points	43		
2	Outdoor Wireless Access Point	1		
3	Additional Project Costs or Contingency <ul style="list-style-type: none">• Provide detail			
4	Shipping Costs (to 445 Hamilton Avenue, Kingsford, MI 49802)	Lot		
TOTAL				\$

Estimated delivery time after the order is placed _____ weeks

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SECTION 2 – Ethernet Switches

ITEM	Description	Qty	Cost/Each	Total
1	Five (5) 48 Port PoE+ GB Switches Aruba 6100-48G-PoE+ or equivalent	10		
2	Additional Project Costs or Contingency <ul style="list-style-type: none">• Provide detail			
3	Shipping Costs (to 445 Hamilton Avenue, Kingsford, MI 49802)	Lot		

Estimated delivery time after the order is placed _____ weeks

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SECTION 3 – Battery Backup Solutions

ITEM	Description	Qty	Cost/Each	Total
1	Five (5) 2-post rackmount UPS	5		
3	Additional Project Costs or Contingency <ul style="list-style-type: none">• Provide detail			
4	Shipping Costs (to 445 Hamilton Avenue, Kingsford, MI 49802)	Lot		

Estimated delivery time after the order is placed _____ weeks

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BID FORM

SECTION 4 – Broadband Connectivity to Athletic Complex

ITEM	Description	Qty	Cost/Each	Total
1	KMS to Flivver Fieldhouse			
2	Flivver Fieldhouse to Flivver Pressbox OR KMS to Flivver Pressbox (select one)			
3	Additional Project Costs or Contingency <ul style="list-style-type: none">• Provide detail	Lot		
4	Shipping Costs (to 445 Hamilton Avenue, Kingsford, MI 49802)	Lot		

Estimated delivery time after the order is placed _____ weeks

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Attachment A - Familial Disclosure Form

AFFIDAVIT OF BIDDER

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 the **Network Infrastructure Updates** at 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 **Network Infrastructure Updates** for Breitung Township Schools.
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____.

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Signature: _____

Printed Name: _____

Notary Public, State of Michigan, County of _____.

My Commission expires on _____.

Acting in the County of _____.

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Attachment B - 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 **Network Infrastructure
Updates** at 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)

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Attachment C - 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.