



**INVITATION TO BID
BID NO. 9947
WIRELESS NETWORK
CONTROLLER
TROY SCHOOL DISTRICT**

The Troy School District will receive firm, sealed bids for replacement wireless network controllers.

Specifications and proposal forms can be obtained online at <http://www.troy.k12.mi.us>. From the main page click the "Business Services" tab listed under "Departments", then click "Purchasing Bids and Invitations" and scroll down to locate and access the bid documents.

Your proposal and two copies marked "**Bid 9947 Wireless Network Controller**" must be delivered **no later than 10:00 a.m., Tuesday, May 24, 2022**, Troy School District, Services Building/Technology Department, 4420 Livernois Road, Troy, MI 48098 ATTN: Beth Soggs, Technology Director, at which time all bids will be publicly opened and read aloud immediately thereafter. Bid proposals received after this time will not be considered or accepted.

All questions regarding the bid specified, or the bid terms and conditions will be accepted in writing ONLY and subsequently answered through an addendum to all interested parties. Questions must be received no later than noon, Wednesday, May 11, 2022, and may be emailed to: bsoggs@troy.k12.mi.us. At no other time prior to the bid opening will questions/concerns be addressed or accepted.

All bidders must provide familial disclosure in compliance with MCL 380.1267 and attach this information to the bid proposal. The bid proposal will be accompanied by a sworn and notarized statement disclosing any familial relationship that exists between the owner or any employee of the bidder and any member of the Troy School Board or the Troy School Districts Superintendent. Also, a sworn and notarized Affidavit of compliance for the Iran Economic Sanctions Act certifying the vendor does and will comply with Public Act 517 of 2012 shall accompany all proposals. Both forms will be enclosed in the specification's booklet that shall be used for this purpose. The District will not accept a bid proposal that does not include these sworn and notarized disclosure statement.

The Troy Board of Education reserves the right to accept or reject any or all bids, either in whole or in part; to award contract to other than the low bidder; to waive any irregularities and/or informalities; and in general, to make awards in any manner deemed to be in the best interest of the owner.

Technology Department
Troy School District
4420 Livernois Road
Troy, MI 48098

INSTRUCTIONS TO BIDDERS

PROPOSAL

1. The Troy School District will receive firm, sealed bids for replacement wireless network controllers, in accordance with the specifications below.
2. Proposals will be submitted only on the forms provided, will be enclosed in a sealed envelope marked with the name of the bidder, the title of the work **“Bid 9947 – Wireless Network Controllers”** and must be delivered to Troy School District, Services Building/Technology Department, 4420 Livernois Road, Troy, MI 48098, ATTN: Beth Soggs, Technology Director, **no later than 10:00 a.m., Tuesday, May 24, 2022**, at which time all bids will be publicly opened and read aloud immediately thereafter. Bid proposals received after this time will not be considered or accepted. Oral, telephone, fax, or electronic mail bids are invalid and will not receive consideration. Submit one original and two copies.
3. Proposals will be made in conformity with all the conditions set forth in the specifications.
4. All questions regarding the bid specified, or the bid terms and conditions will be accepted in writing **ONLY** and subsequently answered through an addendum to all interested parties. Questions must be received no later than noon, Wednesday, May 11, 2022, and may be emailed to: bsoggs@troy.k12.mi.us. At no other time prior to the bid opening will questions/concerns be addressed or accepted.
5. References in the specifications to any article, product, material, fixture, form, or type of construction, etc., by proprietary name, manufacturer, make or catalog number will be interpreted as establishing a standard quality of design and will not be construed as limiting proposals.
6. Bid bond or certified check, for an amount not less than five (5%) percent of the amount of the bid, must accompany each bid. Failure to submit proper bid security shall constitute rejection of bid.
7. A completed Familial Disclosure and an Iran Economic Sanctions form must be included with each proposal submitted or the proposal will not be accepted, please note these forms must be notarized.
8. The Troy Board of Education reserves the right to accept or reject any or all proposals either in whole or in part; to waive any irregularities and/or informalities; and in general, to make awards or cancel this proposal, if deemed to be in the best interests of the owner.

SPECIFICATIONS

All items below must be proposed as a single SKU

Quantity	Model
2	EDU-C9800-40-K9
2	CON-SNT-EDUC9849
1301	EDU-DNA-E-5Y

GENERAL

1. Troy School District is soliciting proposals to replace existing wireless network controllers
2. Proposed solution must be capable of supporting Cisco access point models AIR-AP2802I-B-K9, AIR-AP1542I-B-K9 and AIR-AP1562D-B-K9
3. Proposed solution must support minimum throughput of 40Gbps
4. Proposed solution must support 32,000 clients and 2000 access points
5. Proposed solution must integrate with Cisco Prime Infrastructure and Cisco ISE
6. Proposed solution shall provide high availability and replicate changes between devices automatically

7. All hardware proposed shall have a warranty period of not less than five (5) years.
8. All hardware proposed must include all AP (Access Point) licenses necessary for a period of not less than five (5) years.
9. All hardware proposed must have redundant power supplies
10. Current controller utilizes 8 connections to a core router using cisco part SFP-H10GB-CU3M. The final state of connections should be 8 connections to core router. Any optics\cables needed for migration is the responsibility of the bidder.

SCOPE

The project will consist of the following phases:

1. Discovery – Assess current wireless infrastructure and policy engine design and develop implementation plan document
2. Planning – Solution should include complete redesign and configuration of secure and guest wireless authentication mechanisms. Any modifications to topology and policies will be planned and documented in an implementation plan.
3. Installation – Racking, connecting, and modifying any interlink connectivity as needed. Any changes required to topology or policy engine shall be included in the bidder's cost. The solution must be integrated into the current management platform which is Prime Infrastructure version 3.8. Bidder is responsible for updating Prime to the latest recommended release.
4. Testing – Testing shall be in a scaled approach starting with a small group of clients before cutting over any site. The current controller should remain running while the testing phase is in process.
5. Migration – Migrate from existing wireless controller to new. If any downtime is required for migration, an agreed upon maintenance window between the bidder and owner must be established.
6. Support – Bidder shall provide next day cut over support with dedicated resource
7. Documentation – Implementation plan shall be finalized becoming As-Built for the project with customer having final sign off.
8. Training – Bidder must provide an overview of new product and functionality along knowledge transfer to owner.

WARRANTY

All material and equipment will be guaranteed to be free from defects in both workmanship and materials for no less than five years from the date of receipt/installation. If the manufacturer's warranty exceeds this minimum requirement, the manufacturer warranty will prevail. Any item(s) found to be defective will be replaced or repaired within seven working days at Vendor(s) expense.

FIRM PRICING

Unit pricing will prevail when computing total quantity on bids. No price allowance or extra consideration on behalf of the bidder will subsequently be allowed by reason of error or oversight on the part of the bidder. The successful bidder(s) will hold bid prices firm for all purchase orders placed for a period of approximately one full year.

TAXES

Troy School District is not automatically exempt from State of Michigan Sales and Use Taxes. The district must pay these taxes when materials are to be incorporated into reality. Materials that are permanently attached, built-in, incorporated or otherwise made part of the structure all applicable taxes shall be paid by the vendor. Troy School District shall not be responsible for any taxes that are imposed on the vendor. Furthermore, the vendor understands that it cannot claim exemption from taxes by virtue of any exemption that is provided to Troy School District.

CONTRACT AWARD

The contract will be awarded in the form of purchase orders emailed or mailed to the Vendor(s) selected. It is the intent to award the bid on June 21, 2022, at the regular monthly meeting of the Board of Education.

WITHDRAWAL OF BIDS

Any bidder may withdraw their bid at any time prior to the scheduled time for receipt of bids. No proposal may be withdrawn until 45 days after bid opening.

DELIVERY

All shipments will be F.O.B. delivered, Troy School District, Michigan, to the Services Building located at 4420 Livernois Road, Troy, MI 48098.

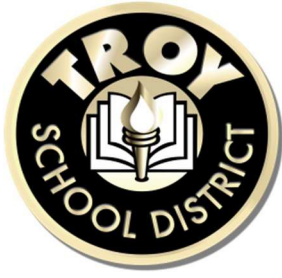
TIMELINE

Troy School District anticipates the following timeline and is prepared to exercise flexibility for the purpose of finding the right fit with a qualified vendor or for other purposes deemed to result in added value to the project.

Bid Release on or before	Wednesday, April 27, 2022
Questions Due	Wednesday, May 11, 2022 @ 12:00 PM
Final Addendum	Friday, May 13, 2022
Bid Due Date/Public Opening	Tuesday, May 24, 2022 @ 10:00 AM
Board Award	Tuesday, June 21, 2022

MATERIAL SAFETY DATA SHEETS

Troy Schools expects MATERIAL SAFETY DATA SHEETS for all appropriate materials ATTACHED TO THE INVOICE and to appropriately label all products delivered according to Section 14 of Act 154, of the Public Acts of 1974 as amended. Any appropriate products not labeled will be refused and the vendor will be responsible for additional freight charges. Payment may be withheld until MSDSs are received by the school district.



PROPOSAL FORM

DUE: 10:00 a.m., Tuesday, May 24, 2022

PROPOSAL: Bid 9947 Wireless Network Controllers

COMPONENT	QTY	UNIT COST	EXTENDED COST
Performance Bonds			
TOTAL			

BIDDER'S FIRM NAME _____

ADDRESS _____

CITY/STATE _____

TELEPHONE NUMBER _____

SIGNED BY _____ TITLE _____

TYPED NAME _____

E-MAIL ADDRESS _____

SWORN AND NOTARIZED FAMILIAL DISCLOSURE STATEMENT

FAMILIAR DISCLOSURE AFFIDAVIT

The undersigned, the owner or authorized office of the below-named contractor (the ‘Contractor’), pursuant to the familial disclosure requirement provided to Troy Schools, hereby represents and warrants that, excepts as provided below, no familial relationship exists between the owner or key employee of the Contractor, and any member of the Troy School Board or the Troy School Superintendent. A list of the School District’s Board of Education Members and its Superintendent may be found at <http://www.troy.k12.mi.us>.

List any Familial Relationships:

Contractor:

Print Name of Contractor

By: _____

Its: _____

Subscribed and sworn before me, this _____ Seal:

day of _____, 20____, a Notary Public

in and for _____ County, _____

(Signature)
NOTARY PUBLIC

My Commission expires _____

CERTIFICATION OF COMPLIANCE – IRAN ECONOMIC SANCTIONS ACT

Michigan Public Act No. 517 of 2012

The undersigned, the owner, or authorized officer of the below-named Company, pursuant to the compliance certification requirement provided in Troy School District's Request For Proposal, the "RFP", hereby certifies, represents, and warrants that the Company and its officers, directors and employees, is not an "Iran Linked Business" within the meaning of the Iran Economic Sanctions Act, Michigan Public Act No. 517 of 2012 (the "Act"), and that in the event the Company is awarded a contract by Troy School District as a result of the aforementioned RFP, the Company is not and will not become an "Iran Linked Business" at any time during the course of performing any services under the contract.

The Company further acknowledges that any person who is found to have submitted a false certification is responsible for a civil penalty of not more than \$250,000.00 or two (2) times the amount of the contract or proposed contract for which the false certification was made, whichever is greater, the cost of Troy School District's investigation, and reasonable attorney fees, in addition to the fine. Moreover, any person who submitted a false certification shall be ineligible to bid on a request for proposal for three (3) years from the date it is determined that the person has submitted the false certification.

NAME OF COMPANY

NAME AND TITLE OF AUTHORIZED REPRESENTATIVE

SIGNATURE

DATE

ACCEPTANCE OF PROPOSAL

The undersigned agrees to execute a Contract for work covered by this Proposal provided that he is notified of its acceptance within thirty days after the opening of the Proposal.

It is agreed that this bid will not be withdrawn prior to forty-five (45) days after the opening of the bids.

The undersigned affirms that the bid was developed without any collusion, undertaking, or agreement, either directly or indirectly, with any other bidder(s) to maintain the prices of indicated work or prevent any other bidder(s) from bidding the work.

BIDDER’S FIRM NAME	_____
BUSINESS ADDRESS	_____ _____ _____
TELEPHONE NUMBER	_____
FAX NUMBER	_____
BY (SIGNATURE)	_____
PRINTED NAME	_____
TITLE	_____
SIGNED THIS	_____DAY OF _____, 20 _____
E-MAIL ADDRESS	_____