

**Request for Proposals  
Champaign-Urbana Mass Transit District  
Network Switch Replacement**

The Champaign-Urbana Mass Transit District (MTD) announces RFP #2022-02, Request for Proposals to for the network switch replacement project.

The full RFP can be obtained by contacting [procurement@mtd.org](mailto:procurement@mtd.org).

Proposals are due Wednesday, May 25, 2022, 3:00 PM Central Time.

Rejection of Proposals

The right is preserved to accept any proposal or any part or parts thereof or to reject any and all proposals. Acceptance of any proposal is subject to concurrence by the Illinois Department of Transportation.

Financial assistance

Any contract resulting from these proposals is subject to financial assistance contracts between MTD and the Illinois Department of Transportation.

E/E/O compliance

Vendor will be required to comply with all applicable Equal Employment Opportunity laws and regulations



Date: April 26, 2022  
 To: Potential Proposers  
 Subject: Addendum No. 1 to the Bidding Documents for RFP No. 2022-02 Network Switch Replacement  
 Champaign-Urbana Mass Transit District (MTD)

Addendum No. 1 becomes a part of proposal documents and modifies the original request for proposals.

CLARIFICATION / ADDITIONAL INFORMATION

**Exhibit 1 – Anticipated Equipment List: Quantities Added**

Line	Part Number	Description	Quantity
1.0	JL661A	Aruba 6300M 48G CL4 PoE 4SFP56 Switch	3
1.1	HL6K5E	Aruba 1Y FC NBD Exch 6300M 48 PoE SVC [for JL661A]	3
1.2	JL086A	Aruba X372 54VDC 680W AC Power Supply	6
1.3	JL086A ABA	INCLUDED: Power Cord - U.S. localization	6
1.4	JL669A	Aruba 6300M Fan Tray	3
1.5	J9150D	Aruba 10G SFP+ LC SR 300m MMF Transceiver	6
2.0	JL728A	Aruba 6200F 48G Class4 PoE 4SFP+ 740W Switch	15
2.1	JL728A ABA	INCLUDED: Power Cord - U.S. localization	15
2.2	HL2K8E	Aruba 1Y FC NBD Exch 6200F 48G 740POE SVC [for JL728A]	15
3.0	JL095A	Aruba 5406R 16SFP+ v3 zl2 Switch	1
3.1	J9993A	INCLUDED: Aruba 8p 1G/10GbE SFP+ v3 zl2 Mod	2
3.2	H1MR1E	Aruba 1Y FC NBD Exch 5406R zl2 SVC [for JL095A]	1
3.3	J9828A	Aruba 5400R 700W PoE+ zl2 PSU	2
3.4	J9828A ABA	INCLUDED: Power Cord - U.S. localization	2
3.5	J9827A	Aruba 5400R zl2 Management Module	1
3.6	J9150D	Aruba 10G SFP+ LC SR 300m MMF Transceiver	4
3.7	J9151E	Aruba 10G SFP+ LC LR 10km SMF Transceiver	8
4.0	JL661A	Aruba 6300M 48G CL4 PoE 4SFP56 Switch	2
4.1	HL6K5E	Aruba 1Y FC NBD Exch 6300M 48 PoE SVC [for JL661A]	2
4.2	JL086A	Aruba X372 54VDC 680W AC Power Supply	4
4.3	JL086A ABA	INCLUDED: Power Cord - U.S. localization	4
4.4	JL669A	Aruba 6300M Fan Tray	2
4.5	J9151E	Aruba 10G SFP+ LC LR 10km SMF Transceiver	4
5.0	JL728A	Aruba 6200F 48G Class4 PoE 4SFP+ 740W Switch	4
5.1	JL728A ABA	INCLUDED: Power Cord - U.S. localization	4
5.2	HL2K8E	Aruba 1Y FC NBD Exch 6200F 48G 740POE SVC [for JL728A]	4
5.3	J9151E	Aruba 10G SFP+ LC LR 10km SMF Transceiver	4

6.0	JL728A		Aruba 6200F 48G Class4 PoE 4SFP+ 740W Switch	1
6.1	JL728A	ABA	INCLUDED: Power Cord - U.S. localization	1
6.2	HL2K8E		Aruba 1Y FC NBD Exch 6200F 48G 740POE SVC [for JL728A]	1
6.3	J9151E		Aruba 10G SFP+ LC LR 10km SMF Transceiver	2
7.0	JL725A		Aruba 6200F 24G Class4 PoE 4SFP+ 370W Switch	2
7.1	JL725A	ABA	INCLUDED: Power Cord - U.S. localization	2
7.2	HR0V7E		Aruba 1Y FC NBD Exch 6200F 24G POE SVC [for JL725A]	2
8.0	J9281D		Aruba 10G SFP+ to SFP+ 1m DAC Cable	23
9.0	J9283D		Aruba 10G SFP+ to SFP+ 3m DAC Cable	4

**Site Visitation**

If you wish to schedule an optional site visit, please contact Ryan Blackman at [rblackman@mtd.org](mailto:rblackman@mtd.org). Questions will not be answered during the site visit. Questions must be submitted in writing to [procurement@mtd.org](mailto:procurement@mtd.org) by May 9, 2022, at 3:00 PM (CST) to ensure a written response.



Date: May 13, 2022  
To: Potential Proposers  
Subject: Addendum No. 2 to RFP No. 2022-02: Network Switch Replacement  
Champaign-Urbana Mass Transit District (MTD)

Addendum No. 2 becomes a part of proposal documents and modifies the original request for proposals

#### WRITTEN QUESTIONS & ANSWERS

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**1. Is there enough space to rack all the new equipment with the old?**

There is a mixture. Most racks have space to rack the equipment in parallel, but there may be a few that do not. In these circumstances, MTD Technology Services will work with the bidder to coordinate how the switches should be replaced.

**2. Who is responsible for moving the physical ethernet cables from old to new?**

MTD Technology Services will be available to assist with moving physical ethernet cables. This should be included in the plan established in 4.a.ii of the proposal.

**3. How many ports will be moved?**

We estimate that there will be approximately 1,300 ports that will be moved.

**4. How many cutovers?**

This should be part of the plan produced in section 4.a.ii. In general, MTD would prefer to minimize the number of cutovers necessary and especially minimize cutovers requiring outages. MTD Staff will coordinate with the contractor to schedule cutovers.

**5. Is the expectation that cutovers be executed after-hours?**

Yes, cutovers requiring downtime will have to be scheduled after hours.

Proposers should expect to perform outage-causing cutovers during late-night/early-morning hours. For much of the year, MTD is a 24-hour operation and the timeframe for acceptable after-hour outages is variable based on time of year and day of week. MTD will work with the contractor to coordinate acceptable time periods for cutovers.

**6. How many hours are preferred for first day support?**

The contractor should plan to have sufficient resources on-site the day after any cutover to quickly address any unforeseen problems or outages. Most days, MTD service begins around 5:00 AM. Contractor should provide sufficient first day support to ensure minimal disruption to MTD operations.

**a. How many hours are expected per cutover?**

This should be part of the plan produced in section 4.a.ii.

**7. Can the addresses of sites expecting equipment be provided?**

MTD Administration and Operations Facility  
1101 E. University Ave.  
Urbana, IL 61802

MTD Maintenance Facility  
803 E. University Ave.  
Urbana, IL 61802

Illinois Terminal  
45 E. University Ave.  
Urbana, IL 61820

**8. Will the switches be shipped to their proper destination and configured onsite?**

Our expectation is that the switches will be shipped to the contractor for bench configuration before being brought onsite.

**9. If switches are shipped to a central location for configuration, will MTD coordinate moving equipment to final location?**

MTD can assist in coordination of moving the equipment, but it is the responsibility of the contractor to transport and rack the new equipment.

**10. Will existing cabling be used in the migration?**

Yes, existing cabling will be used. Bidder does not need to provide any cabling beyond what is specified in attachment 1.