2025 LAN/WAN Systems Project
REQUEST FOR PROPOSALS (RFP)
ADDENDUM NO. ONE
November 25, 2025

This Addendum forms a part of the documents and modifies the Request for Proposals dated November 3, 2025. The Proposer is responsible for determination of proposal requirements affected by Addendum items.

The following clarifications, revisions, and attachments are hereby incorporated into the Request for Proposal documents effective immediately. Please acknowledge receipt of the Addendum on your Form of Proposal.

usbank stadium

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REQUEST FOR INFORMATION
RESPONSES
U.S. BANK STADIUM LAN/WAN PROJECT

Project: U.S. Bank Stadium	Discipline: LAN/WAN
Question	Response
Are there any DIA, private MPLS or leased line termination requirement for external sites/entities? Can you provide a detailed list of those connections?	Possibly.
Are E911 services need to be supported by networks, what protocols do you rely on for E911?	Yes. Given the legacy nature of the current VoIP solution, we have no visibility into the current configuration or protocols.
The Trade Contract Agreement states that the selected contractor must agree to be bound by the Project Labor Agreement attached thereto. The Project Labor Agreement references Collective Bargaining Agreements that the selected contractor must adhere to. Will the Authority provide copies of said Collective Bargaining Agreements for contractor's review prior to award?	The Authority doesn't have record of the CBA's. The vendors can either work directly with the affected unions or contact the Trade's Council on the information they need.
The Trade Contract Agreement states that a Certificate of Final Completion shall be submitted to the Authority for the written acceptance of responsibilities assigned to each party in such Certificate. Can the Authority clarify if they have a standard form for this certification? If so, will the Authority provide a copy for contractor's review prior to award	There is not a standard form. As referenced during the Prebid. Substantial completion = All systems are installed, configured, trained, and operating as expected. Punchlist will be issued at Substantial Completion review. Punclist activities will be completed to achieve Guaranteed Completion. Sign off on Contractors request for sign off will given once all punchlist activities are completed and 3 consecutive, problem free events are achieved. License, warranty, and service durations will not commence until sign off is achieved. If temporary licensing and support are required to span the duration between commencement of integration and sign off, those will be the burden of the Contractor in conjunction with the Manufacturer. A G704 template could be used for substantial completion application, provided by the vendor.
Contractual & Proposal - Please clarify Exhibit G: what constitutes a conflict of interest if we've done business with other companies in the building?	Vendor's are expected to disclose any business relationships with companies within the stadium. Anything not disclosed but discovered after the proposal submission is grounds for disqualification from the process
Is AI network management desired?	There is no desire/use case at current for AI management. However hardware selection should not preclude enabling an AI platform in the future.
Is it permissible to only bid certain portions of the project (network hardware, low-voltage cabling, NOC services, etc.) or must we include every line item in our proposal for consideration?	No. The Owner is requesting a full turnkey solution.
Is Front, port side, to Rear, airflow for all switches sufficient, if not can you detail airflow directions per MDF/IDF?	Acceptable.

Can you provide a current IDF/MDF switch inventory with port count?	See accompanying XLS as quantities for basis of design.
Can you provide a current network diagram detailing the network as built?	Unfortunately there are none available.
For the VPN Concentrator solution, are you looking to terminate B2B IPSeC connections?	Yes preferably.
Is POE a requirement for all IDF switches, what are the POE requirements, 30, 60, 90W?	90W
What are the IDF client port speed requirements? Do you require MGig capable interfaces?	1G
Is there a separate DC or a DC located at the MDF location, what are the port speeds and count that are needed for servers?	No.
Do you have QOS requirements?	None published but QoS is a required feature set.
Does the network carry multicast traffic?	Yes.
Does the network carry multimedia multicast streams for things such as broadcasting, media services, etc.?	Yes. Audio and Security at current. Future - SMPTE2110
What are Technical functional requirements for Firewall other than routing and Intrusion Prevention. This will help us to make sure we get appropriate licenses for Firewall functionality.	There aren't currently any other expectations.
Can the management system be cloud hosted or is on premise a requirement?	On prem is preferred.
For IDF switches, do you require field replaceable fan/power supplies?	Yes - field serviceable.
Is a stacking type of deployment desired for IDF switch	No. Expectation is that each edge switch will have direct link to core.
Is there Stadium preferred Low voltage partner for performing cable testing and recertification. If there is none, can we get a copy of the sign in sheet to get details of low voltage partners who attended to reach out to them for pricing	There is no preference. The sign-in sheet is not available.
Does the cabling from patch panel to the switches be replaced as part of this scope. If yes, does this need to be color coded for different systems or can it all be one color with clean labelling on either ends.	It must be included. One color with clean labelling on both ends.
We will include pricing for Certification, repatching and documentation of existing copper infrastructure. While Certification and documentation is straight forward, do we need to assume, all cables to be repatched on one or both ends. Also, should we include a price for individual run if cable is not tested after repatching to fix any cabling issues between both ends.	New patches at IDF end - reuse existing patch at device end, where a edge device is connected. Please provide an individual drop rate as a point of reference.
What is the maximum POE requirements for the access switches since all APs are in separate switches. Can you list the systems that will utilize POE and the POE expectations.	90W expectation. Security cameras, Dante edge devices, VoIP, etc.
Is the required warranty for 24 months or 12 months - section 1.08 WARRANTY AND SERVICE calls out 12, however part B. Scope of Services calls out 24 months	12 months - the awarded integrator will provide 12 months

Is Zero Tough Networking a requirement? Do you currently have any type of network segmentation services deployed, and/or is this a requirement as part of the RFP?	Segmentation capability is a preference.
Does the proposer need to submit with the response Payment and Performance Bonds (Exhibit 5) or just evidence of capacity to provide or obtain in a letter form (Section G.)	Proof of capacity to provide or obtain in a letter form.

Core Switches and Data Center:

Is there any requirement for VXLAN in the Data Center?	To our knowledge, no. Environment discovery by the awarded vendor may yield options for best practices.
The RFP states that there cannot be stackable switches in the Core. Are modular based chassis switches an acceptable solution for the Core switch?	Yes. The intention is for no stacking at the edge. Cores can be stacked if the manufacture's hardware supports it.
Is it desired to have the Data Center management domain separated from the campus management domain? Or is a single management platform preferred?	Single management platform.
How many total core switch ports are needed?	See accompanying XLS as basis of design.
In addition to the 100Gb port throughput requirements in the core, are they any other ports that need to be accounted for that require lower throughput (1/10/25)?	Assume MGig ports for ISP connections.
Are there any unique data center technology requirements not provided in the RFP? For example... AI workload protocols, etc.)?	No.
How many racks need Top of Rack switching and how many ports are required per rack?	10 switches / 48 ports per.
What port speeds are required for Top of Rack switching? uplink / downlink	100G

Campus Switching:

Is wired micro or macro-segmentation a desired capability?	Desired.
Are there any specific Network Assurance capabilities needed as part of the networking monitoring solution (such as proactive path validation, automated device and configuration drift detection, policy compliance checks, network performance analytics, anomaly detection, and real-time telemetry-based insights)?	All of these capabilities would be considered as part of your proposal.
Are there any programmability requirements? (DevOps toolkit, NETCONF/YANG models, gNMI, gNOI, gRPC, OpenConfig, YANG, Application hosting/Containers)	To our knowledge, no. Environment discovery by the awarded vendor may yield options for best practices.
What wired security requirements are in scope? 802.1x, BYOD, Profiling, Posturing, Endpoint Risk Score, MACSec, Fabric/SGT, Downloadable ACL, Post-Quantum Crypto, Other.	All of these capabilities would be considered as part of your proposal.

During the walkthrough on 11/11, it was observed that there were existing Extreme switching deployed in each IDF to support wireless APs. Does the MSFA intend to have a separate network for Wi-Fi and wired.	The authority is open to maintaining segregation or converged depending on the proposers solution.
Regarding the 40/100G requirement from the core to the edge switching, is this an aggregate bandwidth or is it a per uplink port bandwidth requirement?	Per uplink port.
Is power redundancy shared between stacked edge switches an acceptable alternative to redundant PSUs in each switch?	Stacking is not desired at the edge.
Would it be desirable to have energy analytics and monitor PoE device consumption directly from the edge switches to help support sustainability initiatives and optimize power usage.	It would be considered.
Regarding the redundant uplinks between core and edge switch requirement, does this mean that exactly 2 fiber uplinks will be used per IDF/switch stack?	2 uplinks per switch - no stacking.
Is there a preference for L2 or L3 between the core and edge switches?	L2 and L3 capable.
Should the new LAN solution integrate with the existing Extreme NAC environment, or are we free to propose an alternative network access control solution?	Prefer to use existing NAC environment.
Security Camera Switches:	
Are the security camera switches included in the 258 edge switch count? If not, how many camera switches are required?	Included
What are the downlink port speed and POE requirements for the camera switches?	90W / 1G
IPS:	
Please expand on the existing Fortinet presence compatibility requirements. Is this solution replacing the Fortinet solution?	All firewalls are redundant. There are (2) Cisco firewalls for the Stadium for replacement purposes. As a note - there are dual Fortinet solutions for the MSFA network. There are dual Fortinet firewalls for the Aramark network in the Data Center as well. There is interoperability between all firewalls and bidder should be Conceicao's of their connections for configuration.
How many interfaces at what throughput are needed for the Intrusion Protection System?	There are redundant ISP connections, current throughput from these ISPs are 40G (4-10G) (WINS) and 20G (2-10G) (Lumen). However the IPS should have MGig ports or capable of optics replacement if higher throughput ISP services are contracted in the future.
Where is the Intrusion Protection System to be located in the network topology, logically speaking?	Upstream between ISPs and the core.
Is the Intrusion Protection System intended for perimeter security or internal East-West security?	Both.
What is the throughput requirement for the Intrusion Protection System?	100G

Is Intrusion Protection integrated into the VPN Concentrator an acceptable solution?	Yes, If the combo concentrator/IPS can handle the total security needs.
VPN Concentrator:	
Does the VPN concentrator need to be on premise, or is a cloud based VPN an option?	On prem is preferred.
What is the throughput requirement for the VPN Concentrator?	100G to core
Are security services (IPS, Malware, URL) desirable in the VPN Concentrator?	Yes, If the combo concentrator/IPS can handle the total security needs.
Nutanix Optics:	
How many Nutanix optics are needed?	Current build: 4 C-LOM-10G2D1BT-CM LOM Module: Broadcom 10GbE, 2-port, Base-T NIC (BCM 57416) 8) 10GbE, 2-port, NIC. Confirm requirements for upgrade with Nutanix.
Will these optics be fiber optic or DAC?	Fiber
Monitoring and Visibility:	
Is the monitoring solution preferred to have visibility into on-network as well as off-network dependencies, such as public cloud, SaaS, internet insights, etc.	On network only.
Are client endpoint analytics and application recognition desirable as part of the monitoring solution?	Yes.
U.S. Bank Stadium and the MSFA have published Sustainability initiatives when it comes to reductions in carbon footprint. How will that be observed and measured when it comes to the LAN refresh project?	Not for the network.
Compliance:	
What compliance and data protection requirements are in scope?	We are not capable of providing these answers at this point due to NFL regulations. The awarded Vendor will be provided additional insight. General NIST services is the only clarity available until the awarded vendor is selected.
Does the NFL have network security requirements that U.S. Bank Stadium needs to adhere to, and if so, what are those requirements and how does U.S. Bank Stadium demonstrate compliance?	We are not capable of providing these answers at this point due to NFL regulations. The awarded Vendor will be provided additional insight. General NIST services is the only clarity available until the awarded vendor is selected.
How are compliance reports generated today (i.e. NIST, CIS, etc.)?	We are not capable of providing these answers at this point due to NFL regulations. The awarded Vendor will be provided additional insight. General NIST services is the only clarity available until the awarded vendor is selected.
Compliance & Mandates - Please confirm the scope and timeline for implementing NFL-mandated NIST 2.0 services.	We are not capable of providing these answers at this point due to NFL regulations. The awarded Vendor will be provided additional insight. General NIST services is the only clarity available until the awarded vendor is selected.
Compliance & Mandates - Will the Authority provide a NIST compliance checklist or framework for integration?	We are not capable of providing these answers at this point due to NFL regulations. The awarded Vendor will be provided additional insight. General NIST services is the only clarity available until the awarded vendor is selected.

Compliance & Mandates - Are there additional cybersecurity or data governance requirements beyond NIST 2.0?	We are not capable of providing these answers at this point due to NFL regulations. The awarded Vendor will be provided additional insight. General NIST services is the only clarity available until the awarded vendor is selected.
Misc:	
Will there be an opportunity for us to present our proposed solution? If so, how much time will be allocated for the presentation?	1 hour interview if shortlisted for an interview.
Regarding broadcast support, could you please share more details on the specific requirements? For example, will the network need to support full SMPTE 2110?	No - production environment switches are not in scope. However, it must be assumed that there will be the need for one-off patches to support SMPTE 2110 in the future.
Does U.S. Bank Stadium and/or the MN Vikings anticipate this network needing to support AI workloads and capabilities in the next 5-10 years?	No
What duration of asset life-cycle is U.S. Bank Stadium expecting from this network once implemented (3-years? 5-years? 10+ years?)	7 years
Can you please describe what the vendor interviews on 12/8 will look like? Will the vendors have the opportunity to present more detail regarding their capabilities, or will it be more of a Q&A format?	You will have ~30 minutes to present your solution within the allotted hour.
Existing Infrastructure - Please provide model numbers and software versions for all existing hardware slated for upgrade or replacement, including Cisco switches, Nutanix nodes, AV switches, security camera fiber switches, firewall, and UPS units.	No. You are not replacing UPSs. As this is net-new, the legacy hardware is unimportant.
Existing Infrastructure - Will the Authority provide rack elevations, port maps, and IDF/MDF layouts for all closets?	You have already received composite and photos of the rooms. There is no additional information and you can extrapolate your answers from there. There are no as-builts to provide.
Existing Infrastructure - Are there any existing copper or fiber pathways that can be reused or extended?	Yes.
Firewall Scope - Please confirm whether firewall hardware is included in the replacement scope. If so, provide model numbers and expected specifications.	Firewall replacement is in scope. Proposer to provide product commiserate with expected network performance.
Software Scope - Please confirm whether software replacements are required as part of the LAN/WAN upgrade. If so, specify expected platforms for firewall, monitoring, Nutanix, AV, and VoIP systems.	Yes - Software to support the hardware offered by the proposer.
Scope Clarification - Please confirm the total number of AV switches to be included in the scope.	See accompanying XLS as quantities for basis of design.
Scope Clarification - Will the Nutanix upgrade involve hardware replacement or optics-only upgrade?	Optics only
Scope Clarification - Is testing and labeling of every copper and fiber drop required?	They are already labeled. Testing and certification of copper yes. Testing and certification of fiber - no.

Scope Clarification - Will labeling standards and documentation templates be provided?	It is already labeled. Use existing schema for documentation.
Scope Clarification - Are there any legacy systems that must remain operational during transition?	It is an active building all services must remain operational, except during scheduled cutover blackout windows.
Building Coordination - Will the Authority provide a stadium event schedule to coordinate access and noise restrictions?	A schedule has already been provided.
Building Coordination - Are there specific work-hour limitations or blackout dates for construction?	A schedule has already been provided.
Building Coordination - Who is the designated IT point of contact for coordination (Mike or Ed)?	Mike
Building Coordination - Will the Vikings or Legends Global have authority to request change orders during execution?	The MFSA will have the authority to initiate an Owner directed change orders.
Contractual & Proposal - Should contract redlines be submitted with the proposal or separately before the December board meeting?	With the proposal.
Contractual & Proposal - Will the Authority provide scoring criteria for minority-owned and woman-owned business participation?	We don't intend to provide scoring criteria.
Contractual & Proposal - Are there any specific insurance coverage thresholds required beyond standard liability?	See the TCA provided.
Financial & Ownership - Please confirm which costs fall under Capital (Sports Authority) vs Operational (Legends Global).	Year 1 costs, inclusive are the responsibility of the Authority. Years 2 and beyond (operational) are the responsibility of Legends.
Financial & Ownership - Will the Authority provide a breakdown of budget allocation or cost responsibility by system?	No.
Wi-Fi Integration - Please confirm whether the new LAN/WAN infrastructure is expected to interface with the upcoming Wi-Fi System Replacement Project. If so: – Will the Extreme Wi-Fi system accept 100Gb uplinks from the new core switches? – Are there any coordination requirements between the LAN/WAN and Wi-Fi vendors to ensure compatibility and cutover alignment?	The Wi-Fi solution was replaced last year. Yes interface must happen with WAN/LAN. The new Extreme cores will accepted 100G LAN core interconnects with optics upgrade. The proposer should anticipate coordination between themselves and the Wi-Fi integrator will be required to fully commission the overall functionality of both systems.
Structured Cabling - Will there be a future dates for structured cabling walk throughs?	At the time of RFI Response distribution there is no time to allow additional walk throughs of the structured cabling environment. It can be arranged if the Proposer is selected for shortlist/interview.

FOR REFERENCE ONLY: PROPOSER TO CONFIRM

Room Number	Ports to be Re-certified	48 Port Switches (New Count)
IDF 01.05.01	192	3
IDF 01.05.08	168	4
IFD 01.10.15	288	6
IDF 01.18.06	240	5
IDF 01.22.02	216	5
IDF 01.25.15	240	4
IDF 01.27.05	168	4
IDF 01.13.10	264	6
IDF 01.38.05	192	3
IDF 01.36.06	336	4
Data Center - Racks	0	10
Data Center Bench	0	2
Retractable 1	48	1
Retractable 2	48	1
Retractable 3	48	1
Mobile-Cart 1	0	1
Mobile-Cart 2	0	1
Mobile-Cart 3	0	1
Mobile-Cart 4	0	1
Mobile-Cart 5	0	1
Mobile-Cart 6	0	1
Longhouse	0	1
IDF 02.16.03	120	3
IDF 02.22.13	312	7
IDF 02.23.15	120	3
IDF 03.05.03	168	4
IDF 03.15.08	120	2
IDF 03.23.07	72	1
IDF 03.39.06	264	6
IDF 04.01.05	360	8
IDF 04.05.05	168	4
IDF 04.08.02	168	4
IDF 04.13.07	120	3
IDF 04.15.13	120	2
IDF 04.18.01	264	6
IDF 04.23.07	264	6
IDF 04.27.02	144	3
IDF 04.34.03	312	7
IDF 04.39.03	240	4
IDF 05.05.04	120	3
IDF 05.15.17	168	3

IDF 05.23.03	168	3
IDF 05.39.02	168	4
IDF 05.34.03	168	4
IDF 06.05.07	216	5
IDF 06.38.31	168	3
IDF 06.34.01	144	3
IDF 06.39.06	312	7
IDF 06.15.05	384	8
IDF 06.23.07	288	6
IDF 07.05.02	168	3
IDF 07.07.02	120	3
IDF 07.14.10	120	3
IDF 07.15.10	120	8
IDF 07.23.02	216	5
IDF 07.27.04	168	4
IDF 07.39.06	312	7
IDF 07.34.03	168	4
Production A	0	10
Production B	0	0
Vikings Voyage	48	2
Bee-Hive	48	2
Parking	48	1
Concession	48	2
Guard	48	1
Back Parking Lot	48	1
Media-Tower	48	1
Demarc-2 Loading Dock	48	1
Fire AV	48	3
ICE AV	48	3
North Amp Room	48	3
South Amp Room	48	3
Totals	10056	258