2022 IP Television System Project
REQUEST FOR PROPOSALS (RFP)
ADDENDUM NO. ONE
November 8, 2022

This Addendum forms a part of the documents and modifies the Request for Proposal dated October 17, 2022. The Proposer is responsible for determination of proposal requirements affected by Addendum items.

A. The following revisions apply to the Request for Proposals for the 2022 IP Television System Project.

E. RFP Timeline	**Revised Date**
Proposals Due	November 28, 2022, 4:00 P.M.
Selection of Provider	December 14, 2022
Final Completion	March 31, 2023

G. Other Terms
II. Proposal Due Date
Proposals are due by 4:00 P.M., November 28, 2022.

B. Following are questions that have been submitted with respect to this RFP and the answers provided by the Minnesota Sports Facilities Authority (MSFA) are in red.

1. Cisco Stadium/CVision is rebranded as Wipro VisionEDGE. Migration of Cisco Stadium solution to VisionEDGE is an in-place upgrade with minimal disruption. Wipro can reuse existing cable and network connections to minimize the implementation time. Old DMPs will be replaced with newer version. Do you require architecture drawings, permits to be secured for this in-place upgrade of the system?
MSFA response: No permits or architecture drawings would be required in this scenario.
2. Do you have any preferred supplier for onsite implementation at the stadium?
MSFA response: No
3. What is considered as 'Construction' work in this RFP? Please explain.
MSFA response: This project would not be considered constuction work as presented in the scope.
4. We are assuming to use existing cables, display and connections to deploy new devices. Please confirm
MSFA response: Yes, confirmed.
5. We are assuming that network infrastructure is ready and doesn't require any changes for this implementation. Please confirm
MSFA response: Yes, confirmed.

US bank stadium

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6. Wipro VisionEDGE has both Cloud and On-Premise options. Please let us know your preference.

MSFA response: On premise would be the preferred option.

7. What will be the contract term for the software license?

MSFA response: Contract term would be for the life of the system. Contracts for terms of 1-3 years would be ideal.

8. Are both a written and an electronic Proposal submittal to be provided by November 14, 2022 at 5pm CST?

MSFA response: Yes

9. Are Payment and Performance Bonds required or are other forms of evidence of financing acceptable?

MSFA response: Yes, payment and performance bonds are required for this project.

a.   Are Bonds required for 100% of the proposal amount?

MSFA Response: Yes, payment and performance bonds are required for the contract amount.

10. Does this project require Union Labor?

MSFA response: The Request for Proposal includes a Project Labor Agreement. The proposer must comply with the Project Labor Agreement.

11. Within the **MINNESOTA DEPARTMENT OF LABOR AND INDUSTRY PREVAILING WAGES FOR STATE FUNDED CONSTRUCTION PROJECTS** rate chart included in the RFP, What Labor Code(s) and Class(es) have been deemed applicable (if any) to the IP Television System Project?

MSFA response: This project would be subject to special class 727 & 728 (Wiring System Technician & Wiring Systems Installer). There can be 2 installers for everyone 1 technician working on the project per IBEW requirements.

12. Can a schedule from Award date to Final Completion date (March 31st) of non-working days and times be provided?

MSFA Response: Yes. We are pending the conclusion of the NFL season which will impact the scheduling of this project. The final completion date can be adjusted as well to accommodate the uncertainty of the event schedule.

a.   What is the expected on-site start date?

MSFA Response: 1/23/23 depending on the NFL football schedule. This date can be flexible with a planned phased approach to the project.

b.   What are the expected allowable daily work times?

MSFA Response: Preferable times are Monday – Friday 7am-5pm. The stadium has flexibility in this area.

c.   Will there be any locations within the stadium that require special permission or escort?

MSFA Response: Keys can be issued on a daily basis to grant access to areas normally inaccessible.

13. Can you provide quantities, makes and models of all displays?

MSFA Response: See Question #26-below.

a.   Can you provide the number of Video Walls and the configuration of each (i.e. 2x2, 2x1, etc.)

MSFA Response: See Question #30-below.

a.   What is the total number of displays that will be connected to the IP TV system?

MSFA Response: DMP Count : 2148, Displays : 2073

b. Can we assume that all existing displays are in good working order and can support the new IPTV solution natively?

MSFA Response: Yes

14. What is the expected number of displays that will be one to one with a media player (based upon the 2300 media player quantity that you provided in the RFP?

MSFA Response: Our Preference would be individual control to each display. Depending on the solution and output capability of the DMP this number can change significantly.

a. Can you provide the use cases of the multi-output media players (i.e. back-to-back displays in the concourse)

MSFA Response: Video Walls, Concourse Tv's on columns (Back to Back), Concession Stands

15. Do all displays have a local network connection?
MSFA Response: No
a.   If not, are there switch ports available?
MSFA Response: No
b. Who is responsible for any additional network cabling required to support the new IPTV solution?
MSFA Response: In the event additional network cabling is required, a change order would need to be issued and the awarded vendor would be responsible for installation/procurement.
16. Is all existing cabling assumed to be in good working condition?
MSFA Response: Yes
a.   If not, who will replace?
MSFA Response: n/a
17. Will man lifts be available if needed, or are we responsible to provide?
MSFA Response: The facility can provide one 32' scissor lift.
18. Can you provide a complete topography layout of the AMX system including wiring / hardware?
MSFA Response: We are working with the integrator to obtain this information.
a.   Is the current AMX solution currently 100% functional and in good working order?
MSFA Response: yes
b.   Can you provide the AMX passwords, programming code, and information?
MSFA Response: yes
c.   Is the current integrator of the AMX system involved in the RFP?
MSFA Response: No
        i. If not, can you provide the integrator's information?
MSFA Response: Yes
d. Would you consider an alternative to the existing AMX system another platform (i.e. Crestron?)
MSFA Response: Not at this time
19. Who is responsible for network switchgear (switches, racks, etc)?
MSFA Response: ASM will manage any interfacing with the networking

20. Who is responsible for the existing equipment disposal?
MSFA Response: The awarded contractor will be responsible for the removal and disposal of the existing equipment, with potential buyback from the awarded contractor.

a.   Is any existing hardware staying with the stadium once removed?
MSFA Response: No.

21. Are we required to migrate all current content including playlists, zoning, and event states to the new IPTV solution?
MSFA Response: Yes

a. If no migration of existing content, then is the expectation that new content would be developed / provided by the winning bidder or by the customer?
MSFA Response: N/A
22. Can you verify if the prevailing wage requirements are required only for field work. Would this requirement hold for internal rack work such as racking of equipment or termination directly to equipment?
MSFA Response: This project would be subject to special class 727 & 728 (Wiring System Technician & Wiring Systems Installer). There can be 2 installers for everyone 1 technician working on the project per IBEW requirements.
23.   With the current DirecTV Com system, can you verify if encryption is required or is this feed being received in the clear?
MSFA Response: No encryption is required

24.   What type of inputs are needed on the encoders?
a.   HDMI?HD/SDI?2110?
MSFA Response: SDI Inputs on the encoders
b.   1080p60? 1080i? 4K?
MSFA Response: 1080P 60 is the min, if 4k is available that would be the preference for future proofing.
25.   Can you provide additional information on what the encoders would be used for since you ask for
5ch of Low Latency and an additional 5ch of just encoding.
MSFA Response: Low latency for use when Live feeds are sent to displays in conference settings, Or for
Non delayed feeds. 5 channels without preference for looping content to displays for example.
26.   What are the make and models of the displays that are currently deployed? Are displays all RS-232
control or are any IP controlled?
MSFA Response: All RS 232 Controlled

TV Model

Manufacture	Model	Quantity
Samsung	Qm32R-B	5
Samsung	QM43B	5
Samsung	QM55B	10
Samsung	QE85T	4
Samsung	UD55E-b	6
Samsung	UN32N5300	2
Samsung	UN50RU7100FXZA	2
Samsung	DB55E	16
Samsung	UN75RU7100FXZA	2
Samsung	S22C650P	24
Samsung	UN32J5003	152
Samsung	UN40J6300	972
Samsung	DB40D	147
Samsung	SB-4670HD	2
Samsung	ED46D	48
Samsung	UN50H5203AFXZA	132
Samsung	UN50JU6500	256
Samsung	UN55J6200AFXZA	16
Samsung	UN55JU6500FXZA	9
Samsung	UE55D	110
Samsung	65JU6500	3
Samsung	UN75JU6500FXZA	115
Samsung	DB40E	15
Samsung	UN40MU6300FXZ	4
Samsung	DB55E	4
Samsung	UN50M5300AFXZA	5
Samsung	UN32M5300AFXZA	2
Samsung	QM75F	1
Samsung	DB22D-P	1
Samsung	QM49H	3
	Total	2073

27. Please verify IR receivers are not required at the display.

MSFA Response: Confirm not required at the display

28. With the CISCO 3850 switches, are there sufficient spare ports for added devices if phased deployment is required?

MSFA Response: We would be using all existing cabling. There will not be a need for addition ports.

29. Per the RFP, Content implementation and Design Templates. Can you provide additional information on the type of content implementation that is required and how many templates are required for the base RFP? Are you looking for graphic creation, dynamic templates, static templates, etc.?

MSFA Response: Dynamic Templates as well as Static. We will not need any content design.
Templates as follows:

3 region LWrap

4k Fullscreen Video

Elevator Template

Video wall templates for above listed Video walls

Content maximum migration 526 Stills / 5000 Videos

30. Please verify the number of videowalls on site. We know of (6) 2x3 on the concourse and (1) 2x3 in the suites as well as the large 4x4 wall in the lounge. Are there additional videowalls unaccounted for?

MSFA Response:

Video Walls :

3x2: 15

4x4: 1

2x2: 1

2x4: 1

3x3 : 1

Vertical Video walls:

10x1 : 7

6 x1: 4

8x1: 10

18x1: 1

16 x1 : 1

14 x1 : 1

4x1 : 1

31. What is the intent for the video walls. Will these be used a single display or is multi-display processing requested for additional layouts?

MSFA Response: They are intended to be used as fully functional whole displays. There is not a need for use of each individual display if templates can be designed to accomplish the layout of individual displays.

32. Please verify how the vertical multi-display installations are being used at the concession areas. Are these for menus, program, graphics?

MSFA Response: They are for branding of the concessions mainly Graphics.

33. Can additional information be provided about the layouts or content being displayed for the menu board style displays behind the concession counters? With the variety of display layouts it is difficult to assume how the displays are being fed with DA's. Are we to assume this will be a single Set-Top Box for each display or will this be using HDMI DA's. If DA's are used should we price 2,4,or 8 output DA's?

MSFA Response: Ideally we would like individual control of each display without terminating new network pulls. It would be ideal to have Multi out DMPs to accomplish desired use. There are currently appox 270 da's throughout the building.

34. Are the current servers virtual based or hardware based? Is there a preference for the new IPTV/signage system?

MSFA Response: Current system is hardware based. Preference would be for the servers to remain hardware based. Open to the option of virtual if it works for our intended use.

35. Is server redundancy requested for the new solution?

MSFA Response: Yes primary and back servers are required.

36. Project Diagrams may be found on the following pages.