2022 IP Television System Project
REQUEST FOR PROPOSALS (RFP)
ADDENDUM NO. TWO
November 14, 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. **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. Given the short turnaround between submitting RFIs and the bid deadline, we would like to request an extension to the bid deadline of at least one week.
MSFA Response: Addendum One extended the due date for proposals to 11/28/2022, by 4:00 P.M.

2. Can you provide a count of all suites?
MSFA Response: 141.

3. Are all suites identical technology? (Qty 2 Wall mounted 55" TV's and Qty 1 pole mounted exterior 42" TV)
MSFA Response: There are suites that have 2 TVs inside the suite and 1 TV in the seating bowl area, and there are some suites that have 3 TVs inside the suite and 2 TVs in the seating bowl area.

4. Please define technology in any suite that is different than the above (owners suite, combined suites).
a. Are all suites using AMX control?
MSFA Response: Yes, using iPads.
b. What is the AMX processor model?
MSFA Response: It is a Virtual server vis VMware. There are AMX Video processors only in the club spaces. Model #DGX1600-ENC Enova DGX 16 ENC.

5. Do you want to upgrade the control system as part of the upgrade?
MSFA Response: No, we do not.

6. Does the AMX system control include audio integration other than TV volume control?
MSFA Response: Yes, it controls audio in all the spaces, TV on/off, and TV Channel Control.

7. Do you have the source code for the AMX Integration and all required passwords?
MSFA Response: Yes.

8. Will Appetize Integration be required?
MSFA Response: Integration is preferred, but not required. Please add pricing as an option.

9. Will Appetize integrated menus need to be created?
MSFA Response: Yes.

10. Who will be responsible for creating any Appetize integrated menus?
MSFA Response: The selected proposer.

11. If Tripleplay is chosen, is Quick Drop an acceptable way to change/update menus as opposed to Appetize integration?
MSFA Response: Yes.

12. Who is responsible for populating the content (menu boards, l-bars, digital signage) on the new IPTV system?
MSFA Response: The creation of the templates is the responsibility of the selected proposer. Rebuilding of Playlist will be ASM and Vikings responsibility.

13. Will the IPTV system have a dedicated ASM content manager/developer?
MSFA Response: Yes.

14. Will the IPTV system have an ASM dedicated system operator?
MSFA Response: Yes.

15. Can you give details on each type of videowall(1x10,1x6, 2x3) and quantity of each?
MSFA Response:
    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

16. What is the required/desired display of content on the videowalls(one image, separate images, both)?
MSFA Response: Both.

17. What is the maximum number of inputs for each wall type?
MSFA Response: 1 feed for anything not in a club space. In the clubs 2 feeds 1- from the dmp 1- from AMX Video switcher.

18. How many dual sided concourse TV's are there on each level?
MSFA Response: 45 on Main Concourse and Upper Concourse.

19. How many single-sided framed column mounted TV's per level?
MSFA Response: 55 on Main Concourse and Upper Concourse.

20. How many and size of any entrance mounted TV's per level?
a. How many total clubs?
MSFA Response: There are 6 clubs (Medtronic is 2 levels)
b. How many TV's in each club?
MSFA Response: Varies from Club to Club. Please refer to total dmp count as a better reference.

21. Can you describe the AMX Integration for the clubs in detail?
MSFA Response: Overall it is the same functionality in each Club. Control Video walls source (Medtronic Club and Club Purple) or Projectors (Little Six Club Gold and FMP Club, Delta Club). Control audio in all clubs. Control TV Channel in all clubs for above displays.

22. Are all clubs using the same AMX control?
MSFA Response: Yes.

23. What is/are the AMX processor model?
MSFA Response: It is a Virtual server vis VMware. There are AMX Video processors only in our club spaces. Model: DGX1600-ENC Enova DGX 16 ENC.

24. Do you want to upgrade the control system as part of the upgrade?
MSFA Response: No.

25. Does the AMX system control include audio integration other than TV volume control?
MSFA Response: Yes, it also controls audio to the entire space via LondonBLu.

26. Do you have the source code for the AMX Integration and all required passwords?
MSFA Response: Yes.

27. Are there any clubs/spaces with centralized distribution of TV signals rather than being at the individual TV? If yes, do you want to keep centralized distribution?
MSFA Response: For the displays in the clubs it is centralized for the displays listed above. We would like to keep it that way.

28. Does the AMX system control include audio integration other than TV volume control? If so, Qty of audio media platers?
MSFA Response: Yes, there are 12 Audio sources.

29. Do all the clubs have qty 3 - 3 projector videowalls? If not, can you provide quantity for each club?
MSFA Response: FMP and Little 6 Club Gold have the 3 projector video screens. No other club utilizes this setup.

30. How many elevators require IPTV?
MSFA Response: All of them, there are 13 in total.

31. What is the location of the elevator media players?
MSFA Response: At the top of the elevator shaft.

32. How many TV's are located back of house?
MSFA Response: Please refer to total dmp count as a better reference.

33. Are the Back-of-House TVs signage or IPTV? Quantity of each?
MSFA Response: Currently they can be either as Cisco will play back a playlist (Signage mode) Or Live Video Feed. For licensing purposes All Back of House TV's should be able to operate in either mode.

34. How many offices have IPTV?
MSFA Response: Please refer to total dmp count as a better reference.

35. What is the control system (if any) in use for the offices?
MSFA Response: Cisco Vision Suite Control via Webpage.

36. Are there any special office requirements?
MSFA Response: No.

37. How many HDMI Distribution Amplifiers (DA) are currently in use and what is the total count of all individual TV's?
MSFA Response: Appoximately 238 DA are in use. Currently 2148 dmps are in our system.

38. Do you prefer to replace DA's with individual players to allow better control/visibility of content and endpoint?
MSFA Response: Yes.

39. What lift equipment and quantity can be provided to the winning integrator?
MSFA Response: The facility will provide (1) 32' scissor lift and one forklift.

40. Is Daktronics integration required? If so, what needs to be integrated?
MSFA Response: Yes, Score and Clock Data.

41. Is Ross Integration required? If so, what needs to be integrated?
MSFA Response: Preferred but not required. Ross Talk will trigger full take overs for moments of exclusivity.

42. Are the 64 channels of current IPTV commercial TV in the clear or encrypted? If encrypted, what encryption? Any additional channels?
MSFA Response: Clear. No additional channels.

43. Who will be responsible for providing the IP and IP multicast addressing to the integrator?
MSFA Response: ASM will provide it.

44. Will the winning Integrator be provided the event schedule to work around and the affected areas of each event?
MSFA Response: Yes. Currently the NFL schedule for January 2023 is TBD.

45. Will the winning Integrator be required to keep both systems active during the transition of IPTV systems?
MSFA Response: Depends on the availability of the building to install. It is safe to assume both will need to be active during the transition.

46. Are any Building Management systems required to be integrated with the IPTV system (fire alarm, or Emergency Systems (Alertus))? If yes, please specify.
MSFA Response: No.

47. Is the 8 output you refer to from a DA or from a player?
MSFA Response: It is from a Player.

48. What is total count of TV's? Is it 2300 + 500 (8 output DA's)
MSFA Response: DMP count is 2148.

49. Is it 2300 with 500 Distribution Amps(2 port) = 3300? Size of distribution amp?
MSFA Response: The number of DMPs will vary pending available outputs of dmps. Please plan for 2148 endpoints at a minimum. DA count will depend on solution.

50. Is it 2300 – 500DA(2 port)= 1300 players + 500 players x2 with DA= 2300?
MSFA Response: See above answer.

51. Where will DA's be used?
MSFA Response: Ideally No DA's will be used. Anywhere there is a DA currently the preference would be to have a multi-out DMP.

52. Do all videowalls and menu boards have POE ports available for each screen? If not, how many ports are available? How many and what port qty of each controller?
MSFA Response: POE is available on all ports. Please use DMP count as a guide.

53. Do all back-to-back TV's have 2 POE ports available? If not, how many are using DA's?
MSFA Response: All back-to-back TVs are one port using a DA.

54. Is there documentation of currently deployed screens and equipment?
MSFA Response: No. Selected proposer is expected to provide documentation/ drawings upon completion of project.