

## AMP and RICC Wifi Questions

## AMP RICC Responses

1	Page 8, Item 2.2.N of the RFP refers to an Exhibit 07 that outlines DBE Guidelines. Can you please share this Exhibit with us? Also, do Exhibits 01-06 exist and if so, could those be shared with us as well please?	DBE is not required but best effort is appreciated
2	Should pages 11-12 (Bid Sheet) be included in Section G: "Projected Cost" of our Submission, or should they be attached or submitted elsewhere?	Please include the Project Cost with your submission
3	Page 4, Item C of the RFP asks for project experience and Page 13 has a reference form. Can they be the same references?	They can be the same references
4	Should Page 13 (References) be submitted in Section C: Project Experience of our response or should it be submitted elsewhere?	Section C is fine.
5	What Locals or Unions are required to do the construction work in the Pavilion and Conference Center?	local 99 telecom and High Voltage is required for the building
6	What are the available working hours when events are not taking place? Monday – Friday, Saturdays and Sundays, Day and or Night work?	7am-3pm non event days. No weekend or night work at this time. We will provide black out days once work is assigned
7	When will the existing site drawings for the Conference Center be provided for contractor review?	Additional Drawings will be provided.
8	How many circuits are installed, where, and what sizes are they?	Assume quad 20A in IDF
9	Can the contractor use any existing cables/fiber runs in place that meet the RFP requirements?	Assume nice cat6 cabling from the IDF to each Access Point and Assume
10	Are all the existing AP locations within 300 feet of an IDF?	Yes
11	Total number of APs used currently in both locations broken out by location?	old AP account 180, we assume closer to 300 Aps, but will be confirmed based on the design
12	Total number of Switches & Switch Ports used currently in both locations?	switch count will depend on design.
13	Verify - total number of IDFs and MDFs at both locations. –It was stated 8-IDF/1-MDF at Amica and 4 -IDF/1-MDF at RICC.	yes, will be verified with Drawings
14	Can we share common resources for both locations or must they be stand alone? Meaning use a single Controller/Mgm NMS/Analytics servers instead of multiples?	option for single controller to control both system is acceptable
15	Can we get clean diagrams for each location? Meaning, diagrams without APs noted so we can use them to build our designs.	We will have autocad drawings for background but might be incomplete set
16	Current AP placement for each Amica and RICC	Additional Drawings will be provided.
17	Do we need outdoor coverage at both locations for Ticketing, or will it all be indoors? Please outline the drawings with the expected coverage areas.	Aps for Ticketing can be located indoor if adequate coverage or scanning 5 feet outside of door
18	When does the agreement for the current solution expire?	Not Applicable
19	What are the end-of-term options for the current agreement, i.e. month-to-month, renewal, upgrade, return the system, etc.?	Not Applicable
20	Has funding for the project been approved?	Yes, Owner Funded Solution
21	In the Section for Features/Capabilities a requirement is for IoT and guest engagement platforms- Can you identify what those platforms are and secondly what the use case is for IoT Devices?	Assume just the Private LTE system be
22	Many of the Features/Capabilities are specific to one hardware OEM- Extreme Wireless-although in the Bidder Qualifications section the bidder is required to be an approved vendor for other OEMs. Can you provide direction on which OEM the Authority is looking to deploy?	Included information from RFP - Cisco, HP Aruba, Extreme all accepted solutions
23	A required capability is to gather fan analytics and usage patterns. Please define the use case for this requirement? Is this solely based on the Wi-Fi Network capability or is this a 3 <sup>rd</sup> party integration required? What marketing outputs are expected?	Each OEM has a built in solution for Analytics. 3rd Party solution is not required for analytics and usage patterns,
24	For fan analytics and usage behavior is the Authority looking for Location Based Services a BLE deployment? Is there a location accuracy level required?	AP OEM specs are acceptable for analytics.
25	What term length is required for the solution? Would the Authority consider build in contract extensions of the initial term?	Not Applicable
26	Within the PNET section- Can the Authority define the use case? Would PNET serve as a backup to Wi-Fi?	PNET will serve as separate network - assume full coverage for AMP and RICC
27	Is there a specific PNET vendor that is required?	No specific Vendor recommended
28	Are the PNET & Wi-Fi contract terms lengths expected to be coterminous or separate?	Same terms would be best option.
29	For the UPS Requirements- Is the expectation for UPS to be only for the Core MDF or also in each IDF?	correct - Each MDF and /or IDF should have rackmount Ups to support active hardware
30	Within the Project Experience Section, the Authority is asking for some potentially confidential information. Namely full contact information for references and overall contract values. If these specific items are omitted due to company confidentiality, will the bidder be disqualified?	Bidder will not be disqualified for missing reference information.
31	In Section D #5- Can the Authority define what type of "full-time in-house team" is expected? Can you define headcount and job expectations? Is the expectation that team will be	event day support and break/fix - remote support acceptable for non event day
32	In Section D #10- The Authority specifies iBwave design tools. Will the Authority accept alternatives such as Ekahau or AirMagnet for network design.	both are acceptable
33	In Section G- Project Costs- There is mention of a sponsorship offering. Can the Authority define if a sponsorship is a requirement of this RFP? If so, what are the expectations and inclusions?	Sponsorship is not requirement as part of the RFP
34	In Section G #2- Aesthetics are mentioned. Are there a defined set of requirements for paint or stealth enclosures you can provide?	Aesthetics- paint to match areas
35	In Section N- DBE Participation- This section references DBE goals and an Exhibit 07. Can the Authority provide this document?	DBE is not required but best effort is appreciated
36	What are the use cases the Authority is looking to leverage the CBRS network for? This will greatly impact the design & cost of the network	use cases outlined in RFP - CBRS full coverage required for use cases For example: RICC for vendor internet access, AMP for POS network, signage
37	Are PAL licenses of interest for this project --to ensure dedicated spectrum? There was only mention of being able to support PALs but nothing around the value of the network provider bringing PALs to the deployment	PAL license will be required for the CBRS (PNET) network by bidder
38	Is the Authority looking to activate a Neutral Host network from the start of deployment?	Existing Neutral host DAS network is existing in the building - CBRS network will be a private network that venue will use exclusively.
39	Will the MOCN requirement be for neutral host and if so how many and which carriers would the venue like integrated from the outset?	NO MOCN is excluded - we already have neutral host in the venue
40	What are the private cellular use cases contemplated and where?	use cases outlined in RFP - CBRS full coverage required for use cases For example: RICC for vendor internet access, AMP for POS network, signage network
41	Is floor coverage required in Amica?	Yes assume Floor Coverage for the bowl
42	What is the max expected client count for the floor?	Assume 2500
43	Are there any restrictions/considerations regarding mounting APs on the Amica catwalk?	no restrictions. Tie off required.
44	What are the tiered Wi-Fi bandwidth requirements for both facilities?	To be determined based on the design
45	Are there any Union labor requirements?	local 99 telecom and High Voltage is required for the building
46	We received the Amica Mutual Pavilion floorplans. However, when can we expect the floor plans for the Rhode Island Convention Center to be distributed? (Are CAD drawings possible)?	Additional Drawings will be provided.
47	Are you willing to adjust the response timeline depending on when we get the drawings?	AMP Operation will review timeline based on available drawings
48	Will drawing note all usable IDFs, cable trays, conduits?	Additional Drawings will be provided.
49	Will drawings note all areas expected to be covered for both Wi-Fi and pLTE?	Assume Wifi Integrator will supply best proposed AP locations
50	Is City/RCCI provide or own the existing fiber to the prem? Is fiber running between RCCI and AMP MDFs-conduit- if we are to collapse to one MDF for both in RICC? How long ago was the existing Single Mode fiber installed?	assume new fiber would be required, plenum armored - conduit not required
51	Access point and Hardware location: do we have drawings showing the existing Access Points (Radio) and MDF-IDF locations?	Additional Drawings will be provided.
52	Is it safe to assume, it is determined to work around the existing AP/Radio locations if needed to enhance the coverage/services.	yes, assume to work around existing AP locations
53	Is there an ability to mount antennas and equipment to the sides or fronts of buildings as need?	Yes - we also assume coverage on the inside will cover up to 5 feet outdoor
54	Are there any indoor coverage area requirements in any of the locations? If so, can we indicate on the map. ex- Press, TVs, Suites etc.	All areas are required for indoor coverage. Including suites, press area and back of house
55	Will existing (if any) Wi-Fi networks remain in place or will the new network supersede them?	New network supersedes legacy Wifi network
56	As far as cabling, considering we are needing to redo all new; do we know the existing cable rack space?	Assume new cabling. 1/2 rack can be made available in the MDF for space
57	Considering the CBRS network is only for Private LTE, do we have preference on deploying it in specific areas or throughout-match Wi-Fi or will area to be covered by both technologies be separately indicated?	CBRS will be deployed throughout both venues.
58	Will you need post launch monitoring, if so, how many days?	per the RFP Bidder to provide Event day support and break/fix - remote support acceptable for non event days
59	Is there a target overall project completion date?	1st Quarter 2023 for completion
60	Are there any local union requirements that need to be met?	local 99 telecom and High Voltage is required for the building
61	Can we have remote access to the network?	Remote access to the network can be approved
62	Can we have remote access to the network?	Remote access to the network can be approved
63	Will you need to pull permits?	Per the building requirements, high voltage permit will be required
64	Will building boring be allowed, if needed?	Coring will be approved upon Xray and approval from AMP operations team
65	Will you force all contractors to pull a permit? Often times public utilities (Cox & Verizon) are exempt from the permitting & inspection process, and this also plays a part in the way the wiring is done. Often Cox & Verizon free-air the wires and simply zip-tie them to existing pipes (as seen around the building already). This is a code violation, unsightly, and would not be acceptable to an electrical inspector, however this would not apply to Cox/Verizon. We hope there will be an even playing field whereas the winning bidder must be licensed, pull a permit, and all wiring in public spaces to be concealed in pipe.	Per the building requirements, high voltage permit will be required
66	Is the winning Bidder required to demo any of the previous systems?	Demo of the old system is not required at this time
67	Mentioned in the bid is LTE. Will this system have an LTE failover in case of an internet outage?	no Pite will be used for CBRS network, no plans to use the network for failover
68	Fiber spec to link data room; can you confirm its Single Mode, 10 GIG, LC to LC as mentioned in the walkthrough ?	Correct - Single Mode 10gig LC-LC
69	Can access points be mounted to the scoreboard? If yes do they need quick-disconnects for then the scoreboard is removed for certain shows? Also, I believe the scoreboard falls into the category of a "sign". As per code, any alterations of a sign need manufacturer approval. If access points are mounted to the score board, will you require a letter from manufacturer (ANC) accepting the installation? (this would be required by the state inspector Steve Antonson).	No Issues with Scoreboard-mounting Access point. AMP operations staff will coordinate any correspondence with ANC
70	Do you have a model specification for the UPS units and/or quantity? Or perhaps just what's needed to "keep the system active for xx minutes in a power failure"	Assume APC or similar rackmount UPS for any active network device in IDF or MDF
71	Will all components of the system need to be on emergency/generator circuits?	Emergency Circuit not required at this time
72	If a technology company that does not in-house the physical installation wins the bid, can a licensed installer that is familiar with the building be connected with them for the physical installation portion if they wish?	Winner of the bid can decide on the installation vendor



Amica Mutual Pavilion

