Request For Proposals (RFP)
Network Traffic Shaping Solution
S2018-10
Addendum No. 1

August 22, 2018

This Addendum No. 1 consists of four (4) pages. Proposers must acknowledge receipt of this Addendum No. 1 in Required Form A – Form of Transmittal Letter.

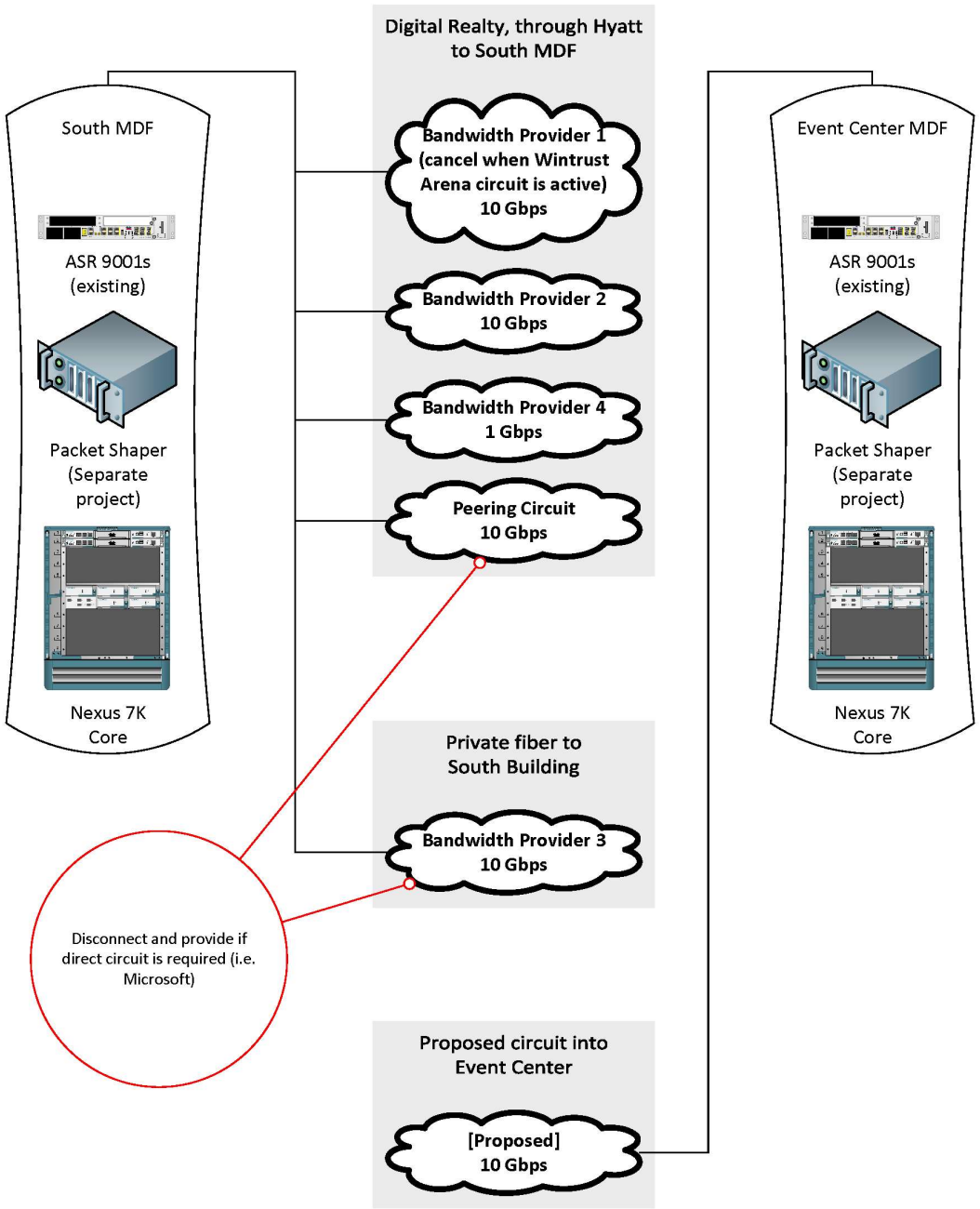
This Addendum No. 1 has the following information to be incorporated into the Request for Proposals (RFP):

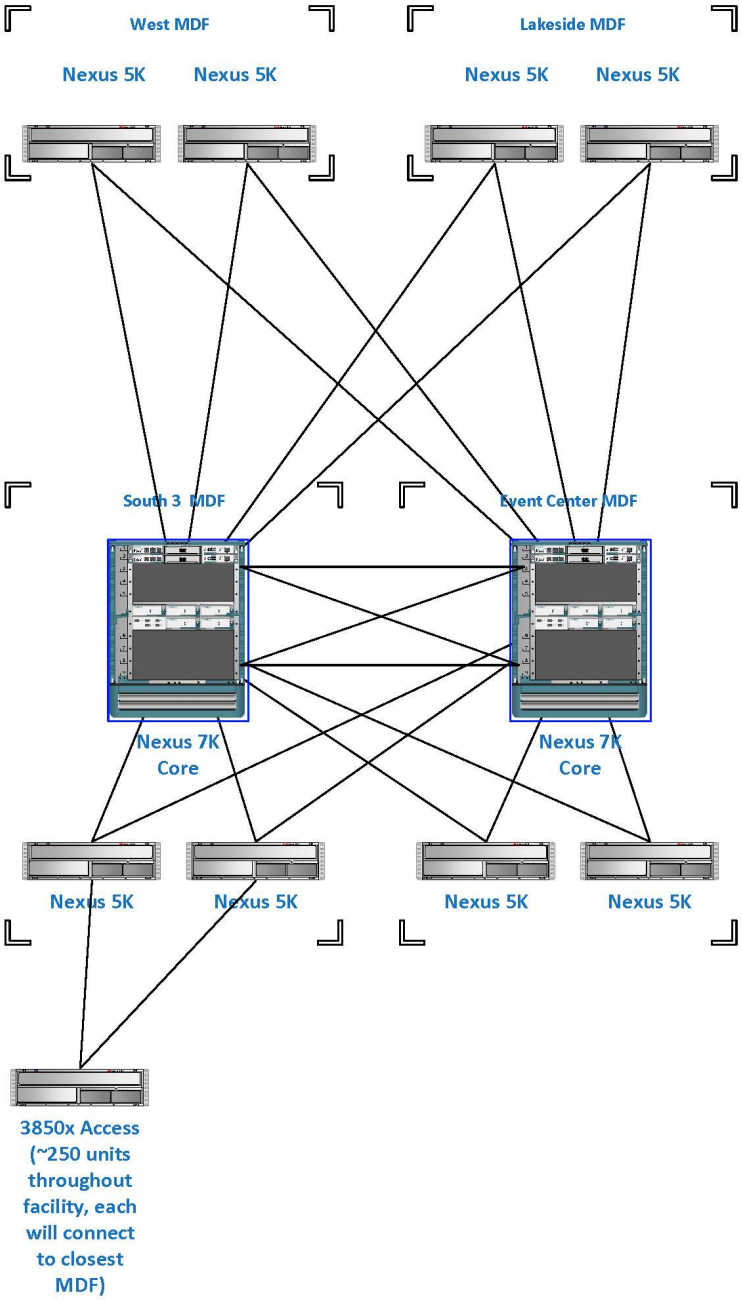
Item 1: **Attachment 1:** Answers to questions submitted by potential proposers.

Hilary Barker
Purchasing & Supplier Diversity Manager

McCormick Place | SMG
Network Traffic Shaping Solution #S2018-10
Addendum 1 – Attachment 1
Answers to Questions Submitted by Potential Proposers

	Proposers Question:	McCormick Place | SMG Response:
1	Are you open to alternatives to Bluecoat?	**Yes, alternatives to Bluecoat will be considered.**
2	Can we get a network typology diagram?	**See attached basic diagrams – the network has not been fully implemented yet.**
3	Are the physical interfaces for the solution 10G copper or fiber? If fiber, are they SR or LR?	**Fiber LR.**
4	How many bridge pairs are required in each appliance? (Bridge pairs are required for every connection that is utilizing the bandwidth from the ISP that you want to shape and/or get Traffic Visibility.)	**Two (2) different routers, each handling 1 or 2 internet circuits is what needs to connect, so whatever topography works for that.**
5	Is there a requirement for any 1G interfaces and/or bridge pairs in the PacketShaper? If so, how many interfaces per appliance? How many bridge pairs? How many are copper and/or fiber? If fiber, are they SR or LR?	**Yes, not sure how many, depends on the design of the solution, but at least one or two for the managements ports etc.**
6	RFP states two different locations. Are the 3 x 10G circuits terminated with (2) in one building location and (1) in the other building location?	**Yes, two in one building, one in the other.**
7	Will there be 3 different ISP circuits at each location or are all 3 ISP Connections demarked at McCormick Place and then fed to the Wintrust Arena via dark fiber?	**Yes, two in one building, one in the other.**
8	How much bandwidth will be provided by each ISP?	**Up to 10 Gbps each for the three primary providers.**
9	Please specify each carrier and the bandwidth they will be providing in each of the locations?	**Cogent = 10 Gbps through 350 E. Cermak to South MDF; Wide Open West = 1 Gbps that can turn up to 10 Gbps through WoW manhole to the south into South MDF; Comcast = 1 Gbps that can turn up to 10 Gbps though Comcast manhole to the north into Wintrust MDF.**
10	If you are feeding Wintrust Arena from McCormick Place are you limiting bandwidth by other means other than the PacketShaper? Please explain in detail.	**No – Wintrust arena network is part of MCP network, we are only splitting the physical location and not the actual network. MDF will host the one of 7K pair core switch.**
11	Do you require a PacketShaper and backup at each location? Or do you want McCormick Place to be the location where the backup resides?	**It's one network – Win trust arena is backhaul to our existing network, we still want the solution to be clustered and have high availability.**


Digital Realty, through Hyatt to South MDF
South MDF
Bandwidth Provider 1 (cancel when Wintrust Arena circuit is active) 10 Gbps
Bandwidth Provider 2 10 Gbps
Bandwidth Provider 4 1 Gbps
Peering Circuit 10 Gbps
ASR 9001s (existing)
Packet Shaper (Separate project)
Nexus 7K Core
Event Center MDF
ASR 9001s (existing)
Packet Shaper (Separate project)
Nexus 7K Core
Private fiber to South Building
Bandwidth Provider 3 10 Gbps
Disconnect and provide if direct circuit is required (i.e. Microsoft)
Proposed circuit into Event Center
[Proposed] 10 Gbps


West MDF
Nexus 5K
Nexus 5K
Lakeside MDF
Nexus 5K
Nexus 5K
South 3 MDF
Event Center MDF
Nexus 7K
Core
Nexus 7K
Core
Nexus 5K
Nexus 5K
Nexus 5K
Nexus 5K
3850x Access
(~250 units
throughout
facility, each
will connect
to closest
MDF)