



**Request For Proposals (RFP)
Network Traffic Shaping Solution
S2017-20
Addendum No. 1**

July 10, 2017

This is Addendum No. 1. 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):

- 1) Required Form A – Form of Transmittal, #11, should read *'I declare that all Forms A through F have been examined by me and to the best of my knowledge and belief are true, correct, and complete.*
- 2) Attachment 1 – Answers to questions submitted by potential proposers.

Debbi L. Lyall
Buyer/Procurement Specialist

Attachment 1 – Q&A

Will you have one ISP at each location or two separate ISP's at each location? How much total bandwidth (between all ISP's) do you use?	There will be between 1 and 4 outside circuits at each location. Likely 1 ea, 10 Gbps circuit at the Wintrust Arena; 2 ea, 10 Gbps circuit at the South MDF; 1 ea, 1 Gbps circuit at the South MDF; 1 ea, 10 Gbps peering circuit at the South MDF.
Will you have two firewalls at each location or one?	Undetermined, allow for 1 primary and 1 HA.
Will you have two shapers at each location or just one?	Undetermined, allow for 1 primary and 1 HA
Will one site be feeding the internet to the other site or will they be independent?	All bandwidth will be shared via BGP.
If you will have two ISP's at each location will you have 10GB + 10GB?	We are looking to shape at least 20 Gbps of the 31 Gbps internet and 10 Gbps peering that is available.
Will these connections to the router be fiber or copper?	Whichever is required by the solution.
Will the fiber require Multimode SR or LR transceivers?	For redundancy, we will need at least one LR to reach part of the core pair that is in a remote MDF.
Do you know if they want copper or fiber 10G interfaces and how many bridge pairs?	Whichever is required by the solution. For bridge pairs, probably 2 connections, or advise what is suggested.
How many concurrent connections do you wish to support?	100K
How many traffic classes will you need?	Unsure as to what this references. If this means connections, then 10K
What is the requirement for DHCP and NAT? What are you looking to do with this?	Not required.
You mention directing traffic. Do you need a router?	No, there is already routing in place.
How do you plan on aggregating traffic?	Depends on the solution, please suggest as part of the proposal.
How important is ip address awareness? Who and how is the conflict to be resolved?	Very important, we need to know if we are attempting to duplicate an IP address. Resolution is manual by staff changing config.
What are they looking to aggregate?	Question too general.
What SLA are you referring to?	We would need to see the SLAs of the proposers.
What is the time frame to award the project? Planned start and complete the project?	Plan to award and complete by the end of 2017 calendar year.
The RFP says 20G minimum. Are you sizing for 30G?	We are looking to have 20 Gbps that can be shaped, future expandability should be part of proposal.
How many traffic classes will they need?	Unsure as to what this references. If this means connections, then 10K.
You ask about directing traffic? Do you want a router?	No.
What and how are they looking to aggregate traffic?	Depends on the solution, please suggest as part of the proposal.
Will we replacing any existing firewall or using what you already have in place?	Using what is in place.
What address will our appliance(s) be located?	200 E Cermak and 2301 S. MLK, Chicago, IL 60616
Are there any remote users?	No
Are there any VPN tunnels between sites?	No