

ADDENDUM ONE

QUESTIONS AND ANSWERS

DATE: December 19, 2014

TO: All Bidders

FROM: Robert Thompson/Michelle Thompson, Buyers
State Purchasing Bureau

RE: Addendum for RFP Number 4862Z1
to be opened January 2, 2015 at 2:00 p.m. Central Time

QUESTIONS AND ANSWERS

Following are the questions submitted and answers provided for the above mentioned Request For Proposal. The questions and answers are to be considered as part of the Request For Proposal. It is the Bidder's responsibility to check the State Purchasing Bureau website for all addenda or amendments.

QUESTIONS	ANSWERS
<p>1. I wished to confirm that the only opportunity to bid on this RFP is for DIA delivered in Omaha.</p>	<p>Correct; only the Omaha Farnam NCC site is being bid. The DIA service connection must be handed over to Network Nebraska equipment at that location.</p>
<p>2. Under the "Confidential Information" section, [REDACTED] questions if <u>all</u> pricing provided on Appendix A would need to be shared if the RFP is awarded or if [REDACTED] would only need to supply the initial order for public/competitor view? For example, if the award went to [REDACTED] for 12G we would prefer not sharing the rest of the pricing on Appendix A for the remaining bandwidths up to 40G.</p>	<p>Per Section III. OO. Proprietary Information; the "...Bidder's cost proposals may not be marked as proprietary information..."</p> <p>All submitted costs may be posted and are subject to public record request. Any awarded contractor's entire cost proposal will be posted in its entirety.</p>

QUESTIONS	ANSWERS
<p>3. In regards to the equipment upgrades for requested bandwidths, [REDACTED] would like to inquire what equipment the State will be using initially and then at the key levels of 20G, 30G and 40G to interface with [REDACTED] equipment?</p>	<p>Currently Arista Networks switches (model 7150S-24) are used for the Network Nebraska layer-2 handover equipment. That equipment is also connected to Juniper MX equipment that provides Layer-3 IP and BGP routing for the service. Higher bandwidths exceeding 20 Gigabits may require newer or different equipment for the Layer-2 interface handover. LACP will be used to aggregate multiple 10-Gigabit Ethernet interfaces unless another interface and connectivity type is mutually agreed upon.</p>
<p>4. Please define “Tier 1” carrier. Tier 1 can mean many different things to different carriers.</p>	<p>Refer to the Wikipedia definition: http://en.wikipedia.org/wiki/Tier_1_network</p> <p>The term <i>tier 1 network</i> is used in the industry to mean a network that may reach every other network on the Internet without purchasing IP transit or paying overt settlements. An overt settlement is a monetary charge for the amount, direction, or type of traffic sent between networks.</p> <p><i>Regional tier 1 providers</i> are also acceptable. A regional tier 1 network is a network which is not transit free globally, but which maintains many of the classic behaviors and characteristics of a tier 1 network within a specific region. For the purposes of the RFP 4862Z1 bid, the region would be the continental U.S.</p> <p>Bids from Tier 2 providers will be considered. A <i>tier 2 network</i> is an Internet service provider that engages in the practice of peering with other networks, but that also may purchase IP transit to reach some portion of the Internet.</p> <p>Bids from Tier 3 providers will not be considered. Tier 3 network providers are defined as those networks that solely purchase transit from other networks to reach the Internet.</p>
<p>5. Will the State of NE consider any other aggregation point during the term of this agreement, other than 1623 Farnam, Omaha?</p>	<p>RFP 4862Z1 deals only with the NCC location, 1623 Farnam, in Omaha, Nebraska.</p>

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<p>6. Are there any additional transport needs that may arise from this RFP?</p>	<p>The DIA service must be handed over to the Network Nebraska equipment located within the Omaha Farnam NCC facility. The contractor is responsible for transport including all cross-connect charges to the Network Nebraska NCC equipment rack.</p>
<p>7. Your requirement that any bidder for this RFP "can reach any network on the Internet without purchasing IP transit." eliminates any and all IP providers worldwide today. There are NO ISPs today that do not in some way trade something of value or purchase IP transit to reach SOME other network on the internet. I would ask that this requirement be removed, as any award is impossible with it as currently defined.</p>	<p>See page 38, RFP 4862Z1: "The State of Nebraska anticipates the Bidder to be a "Tier 1" Internet provider."</p> <p>Refer to answer #4.</p> <p>Refer to the Wikipedia definition: http://en.wikipedia.org/wiki/Internet_transit</p> <p>The goal of the RFP is to select a provider with considerable peering relationships and one that would be considered a responsible, reliable and cost-effective Internet service provider.</p>

This addendum will become part of the proposal and should be acknowledged with the RFP.