



**BIDS AND AWARDS COMMITTEE**

June 8, 2021

**SUPPLEMENTAL / BID BULLETIN NO. 2**

This Bid Bulletin No. dated June 8, 2021 is issued to clarify, modify or amend items in the Bidding Documents. Accordingly, this shall form an integral part of the said Documents.

- a. **Project: Provision, Installation, and Testing of 100Mbps Download/Upload Lease Line Internet Connection Upgrade of DA RFO 5 for 12 Months**

<b>Particular/Original</b>	<b>Amendments / Clarifications</b>
Delivery Period:  20 Calendar Days	Delivery Period:  <del>20</del> 30 Calendar Days
<p style="text-align: center;"><b><u>TERM OF REFERENCE</u></b></p> <p>DESCRIPTION OF REQUIREMENTS:</p> <ol style="list-style-type: none"> <li>The Internet Service Provider (ISP) Bidder shall provide, install/configure and test a 100 Mbps Bandwidth download/upload Leased Line Internet thru Fiber Optic (FOC) connection at the Data Center of the Department of Agriculture, RFO-5.</li> <li>The Internet Service Provider (ISP) Bidder shall Provide five (5) LAN Static IP (Internet Protocol) Addresses and two (2) static Public IP addresses blocks and provide connectivity to the internet.</li> <li>The Internet Service Provider (ISP) Bidder Shall provide Modem or Router/Switch with the following supported parameters compatible with the DA-RFO-5 existing firewall:               <ul style="list-style-type: none"> <li>Ethernet</li> </ul> </li> </ol>	<p style="text-align: center;"><b><u>TERM OF REFERENCE</u></b></p> <p>DESCRIPTION OF REQUIREMENTS:</p> <ol style="list-style-type: none"> <li>The Internet Service Provider (ISP) Bidder shall provide, install/configure and test a <b>dedicated, high-speed, diverse, reliable and managed connectivity to the Internet and guaranteed Internet bandwidth of 100 Mbps</b> Bandwidth download/upload Leased Line Internet thru Fiber Optic (FOC) connection at the Data Center of the Department of Agriculture, RFO-5.</li> <li><del>The Internet Service Provider (ISP) Bidder shall Provide five (5) LAN Static IP (Internet Protocol) Addresses and two (2) static Public IP addresses blocks and provide connectivity to the internet.</del>  <b>The Internet Service Provided (ISP) Bidder shall provide five (5) usable Public Static IP.</b></li> </ol>



<ul style="list-style-type: none"><li>• FOC patch chord, SM/MM with 1G/10G SFP module</li><li>• STM-1 Optical</li><li>• V.35 or G.703</li><li>• DS-3 coaxial BNC</li><li>• Bit Error Rate test results or Tested OK number</li><li>• E1/DS-3/STM-1 PPP or HDLC encapsulation type for leased line access.</li><li>• VLAN number for Ethernet access</li><li>• DLCI for frame relay access</li></ul>	<p>3. The Internet Service Provider (ISP) Bidder Shall provide Modem or Router/Switch with the following supported parameters compatible with the DA-RFO-5 existing firewall:</p> <ul style="list-style-type: none"><li>• Ethernet</li><li>• FOC patch chord, SM/MM with 1G/10G SFP module</li><li>• <del>STM-1 Optical</del></li><li>• <del>V.35 or G.703</del></li><li>• <del>DS-3 coaxial BNC</del></li><li>• <del>Bit Error Rate test results or Tested OK number</del></li><li>• <del>E1/DS-3/STM-1 PPP or HDLC encapsulation type for leased line access.</del></li><li>• <del>VLAN number for Ethernet access</del></li><li>• <del>DLCI for frame relay access</del></li></ul> <p>4. The Service provider must submit detailed escalation and restoration procedure for network or service outages including the contact details. There must also be a designated Key Account Manager to handle all concerns of the Agency.</p> <p>5. The Internet Service Provider must certify that the cable facility being used in the last mile connectivity is exclusively owned and operated by the Internet Service Provider.</p> <p>6. The Internet Service Provider must provide a certification that it uses its own domestic nationwide network and operates its own landing stations, atleast 3 cable landing stations facility.</p>
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**7. The Internet Service Provider must provide a certification that they are connected or subscribed to Tier 1 networks.**

**8. The Internet Service Provider has more than 10 Terabit per second (Tbps) combined International IP and Domestic Caching capacities.**

**9. The Internet Service Provider must have more than 30 peering connection to global Internet Service Providers and Content Providers through a commercial and bilateral peering arrangement.**

**10. The Internet Service Provider must have more than 15 peering Interconnection to global and domestic Internet Exchanges.**

**11. The Internet Service Provider must have five International Internet Points of Presence (POPs) and using more than 10 Submarine Cable Systems to connect to its International nodes.**

**12. The Internet Service Provider must be in top 300 global ranking based on the latest (August 2020) CAIDA AS rankings**

**13. The Internet Service Provider must be peered with at least five (5) Global Internet Service Providers that are included in the top 10 of the latest CAIDA AS rankings**

**14. The Internet Service Provider must provide a certification that its**





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network platform is compliant to the latest MEF Carrier Ethernet (2.0) in all Ethernet Service Types.

15. The Internet Service Provider can deliver a Dedicated Internet Access service inside a Data Center with ANSI/TIA-942 Rated 3 Facilities Certification.

16. The Internet Service Provider must have at least 3 Cisco Certified Internetworking Expert, 10 MEF Carrier Ethernet Certified Professional 2.0 and 3 certified Project Management Professional (PMP) technical support personnel.

17. The Internet Service Provider must support IPV6, or its network platform is IPV6 ready and compliant.

For the guidance and information of all concerned.

**LUZ. R. MARCELINO**  
Regional Technical Director  
Chairperson, Bids and Awards Committee