



Procurement and Contracting Services

Request for Proposals L302302

ADDENDUM #2

**Please mark all proposal submission
Envelopes with the following information**

**Sealed RFP # L302302
Due on July 28, 2023 no later than 1:00 PM, MST**

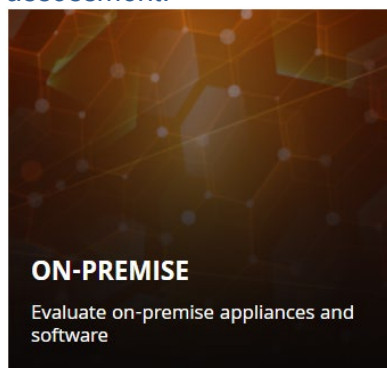
The following questions were received prior to the close of the Technical Question period on July 14, 2023 at 1:00 PM MST. They are provided early for RFP participants convenience. An updated addendum will be posted after July 14th if additional questions are received:

1. If a vendor offers an On-Premise Solution that does not include data sharing or cloud based storage, can we complete the On-Premise HECVAT instead of the Full HECVAT?

Answer: YES. If a vendor is offering an exclusively On-Premise solution as opposed to a SaaS or SaaS+appliance hybrids cloud based solution, that vendor may complete the On-Premise version of the HECVAT as opposed to the Full HECVAT version. The On-Premise HECVAT evaluation form can be found here:

<https://library.educause.edu/resources/2020/4/higher-education-community-vendor-assessment-toolkit>

After navigating to the page above, click the On-Premise Icon to download the assessment.



If a vendor chooses to submit an On-Premise HECVAT assessment as opposed to the Full HECVAT, the RFP committee will assume that the vendor is offering an On Premise only solution and score accordingly.”

2. How many DNS servers and DHCP servers do you currently have in your environment?

Answer: Two (2) DHCP servers split across datacenters for redundancy/HA. Three (3) authoritative DNS servers, split across 3 datacenters (2 local, 1 remote/colo). Four (4) DNS recursive resolvers, split evenly across 2 datacenters.

3. How much IP address space is configured? Number of networks/subnets?

Answer: The University owns two Class-B public address blocks and also utilizes the normal RFC 1918 private intranet address spaces of 10/8 and 172.16/12. We have an additional few Class-C blocks for some remote

locations. Our DNS servers host records for all of these ranges. The DHCP servers provide address services for about 548,000 IP addresses across about 2,000 shared networks.

4. Do you have a Microsoft integration?

Answer: No direct integration between the central, authoritative DNS, DHCP, and our Microsoft Active Directory environment. There are some subdomains that are delegated from the authoritative DNS environment to AD DNS.

5. What cloud environments are being used?

Answer: AWS and Azure

6. What type of DNS security are you looking for?

Answer: DNSSEC

7. What is the number of active IPs in use? Please provide best estimate if not sure. (consider all active devices, such as servers, workstations, mobile devices, VoIP...).

Answer: 250,000 Estimated.

8. What is the number of active users on the network (employees, contractors and guests)?

Answer: 100,000. Fluctuates. Estimate based on general affiliation.

9. What is the number of routers and switches (APs, firewalls)?

Answer: 18,000

10. What is the number of DNS Zones (please note forward and reverse separately)?

Answer: 200 Estimated. Forward 127, Reverse 73

11. What is the number of DNS records contained in all zones combined?

Answer: 85,000

12. How many subnets/DHCP scopes?

Answer: 2,000

13. Is the HECVAT Lite acceptable or only the Full version for the purposes of the RFP?

Answer: The HECVAT Lite is not acceptable. If a vendor is offering an exclusively On-Premise solution as opposed to a SaaS or SaaS+appliance hybrids cloud based solution, that vendor may complete the On-Premise version of the HECVAT as opposed to the Full HECVAT version.

14. After the Section, Consulting, on L302302 Attachment B, it states, "All questions after this section are optional." Does that pertain to the Consulting section only or all subsequent sections, as well?

Answer: It applies to the Consulting section and is optional in the event no consulting services will be included in the proposal.

15. Where can attachments and supporting documents to our responses be uploaded as the RFP guidelines only mentions four total attachments can be added to the Drop Box location?

Answer: All responses should be uploaded to the Box Link. Any additional attachments that the vendor would like to include should be compiled and clearly marked as part of the RFP response document.

16. Can you please confirm the timelines for vendor selection & timelines for a Purchase Order being issued.

Answer: Not currently. Answers will be dependent on outcome of RFP

17. How many other vendors has The University of Arizona included in this RFP? Can you provide the names of the other vendors?

Answer: The RFP is open to any qualified and interested vendors. The quantity and identity of participating vendors will not be known until after the RFP submission deadline.

18. What are the drivers of the DNS, DHCP, an IPAM project?

Answer: End-of-life concerns about current infrastructure, wider adoption of central DNS/DHCP services by campus units, desire for integration with current IAM and ticketing solutions, desire for granular permissions and self-service functionality for departmental IT staff

19. Has a budget been defined for the DNS, DHCP, and IPAM Project?

Answer: Budget is dependent on the best pricing available from responding vendors

20. Does The University of Arizona team prefer a Software, Hardware, Cloud, or Hybrid Solution?

Answer: Cloud/SaaS hybrid is preferred if it can offer similar feature set and performance to on-prem solutions.

21. What is the targeted time frame to deploy a new solution in production?

Answer: Within 12 months of procurement date

22. Is there a business driver for the deployment date?

Answer: End-of-life concerns about current infrastructure and wider adoption of central DNS/DHCP services by campus units

23. Do you want to deploy in a phased or big bang approach?

Answer: We would anticipate that we would migrate DHCP services in a big bang approach, followed by DNS services in a big bang approach.

24. Do you plan to re-use existing IPs or use new production IPs?

Answer: New

25. Will you have a designated Project Manager overseeing the delivery?

Answer: Yes

26. Does the Prime have to complete the HECVAT? We ask because our subcontractor is providing the product and we believe they need to complete it.

Answer: The partner providing the solution must complete the HECVAT. The implementing partner is not responsible for completing the HECVAT.

However, the implementing partner is still welcome to provide a completed HECVAT in addition to the HECVAT provided by the partner providing the solution

27. Does the prime need to have the certifications and audits identified in the HECVAT, or would that be our subcontractor who will be doing the work?

Answer: The partner providing the solution must report their certification and audit compliance in the HECVAT. The implementing partner is not responsible for completing this portion of the HECVAT.

However, the implementing partner is still welcome to provide a completed HECVAT in addition to the HECVAT provided by the partner providing the solution

28. What is the current IPAM solution at The University of Arizona?

Answer: NetBox and SolarWinds

29. What do you currently use for DHCP?

Answer: ISC DHCPD

30. How many current DHCP servers do you currently have deployed (Failover/ stand-alone)?

Answer: Two (2) DHCP servers in active-active configuration

31. How many DHCP scopes?

Answer: About 2,000.

32. How many active DHCP leases on a daily basis?

Answer: Around 250,000 peak

33. What do you currently use for DNS?

Answer: BIND 9 for authoritative and recursive DNS.

34. How many current DNS servers do you currently have deployed?

Answer: Two (2) authoritative and four (4) recursive DNS servers.

35. How many internal DNS domains?

Answer: None hosted on the authoritative DNS servers.

36. How many internal DNS Resource Records?

Answer: None.

37. How many external DNS domains?

Answer: 200 (127 forward, 73 reverse)

38. How many external DNS Resource Records?

Answer: About 85,000.

39. Can you provide a design of current architecture

Answer: Please see answer to question #2 above.

40. Is external DNS in scope?

Answer: Yes.

41. Are you interested in DNS security?

Answer: Yes.

42. How many IP addresses do you manage today (i.e.-IP's in use)?

Answer: See #3 above.

End of addendum, all else remains the same.