

EMERALD COAST UTILITIES AUTHORITY
BID 2015 23
IT VIRTUALIZATION PROJECT
July 8, 2015

ADDENDUM NUMBER 2

Prospective Bidders:

This addendum is issued to clarify questions received regarding this bid. The questions are provided as received via email.

1. Do the requested 25 servers encompass the need for both the production site and the high availability site?

Response: Each site will have 25 servers.

2. Is there a hard requirement for 25 servers? Are proposals for fewer, more dense, servers acceptable? Typically for server virtualization, the goal is to minimize the number of physical servers while maintaining redundancy.

Response: ECUA has about 25 physical servers that will be virtualized on the proposed solution.

3. Does the primary site and the high availability site have the same capacity need?

Response: Yes, they need to mirror each other and be able to support the business needs of ECUA.

4. What are the planned hypervisors for the servers? (VMware, Hyper-V, Docker, Xen, KVM, etc.)

Response: ECUA is open to any hypervisor proposal.

5. Do you need a quote for hypervisor licensing included in the proposal?

Response: Yes, hypervisor license needs to be included.

6. What workloads do you plan on running on these servers? (AD, Exchange, Apache, SQL, etc.)

Response: Various applications: AD, DNS, IIS, GIS, SQL, Time Keeping Application, monitoring, File & Print services, record management, telephony apps, voice mail, etc.

7. Am I correct in thinking you require 512GB RAM and 200 Cores at the primary site as well as equal capacity at a second high availability site to provide a live mirror of the production? Do you also require a backup storage system to protect from human error?

Response: Yes

8. Since a rack will almost certainly need to be included to accommodate 25 additional servers to your environment, do you require PDUs as well? If so, what type of connection and power draw do you need? (i.e. 30A Nema L6-30 Redundant Pair)

Response: ECUA is not envisioning a proposed solution of 25 physical servers. ECUA has 25 (current) physical servers that need to be virtualized.

9. What is your current backup procedure and what tools are you using? Are you looking for a replacement backup system to be included in the solution? If so, what workloads will need to be backed up?

Response: Yes, ECUA would like to see a new backup solution included that can back up the entire data store of the provided solution.

10. What is your RPO and RTO?

Response: RPO is close of business the prior work day, RTO is 4 hours.

11. Are you looking for SAN storage to support your virtual servers, or do you plan on using local storage? If you plan on using local storage, do you need 15TB per server or total?

Response: The 15TB is the requirement for the virtual solution. The proposal must include the data storage.

Should you need further clarification, please email me at amy.williamson@ecua.fl.gov.

Regards,

Amy Williamson, CPPB, FCCM
Senior Purchasing Agent

